

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure



International Federation of Surveyors

General Assembly

AGENDA AND APPENDICES

11 and 16 April 2010

**Sydney Convention and Exhibition Centre
Sydney, Australia**

INTERNATIONAL FEDERATION OF SURVEYORS**FIG 33rd GENERAL ASSEMBLY****11 and 16 April 2010****Grand Ballroom B, Sydney Convention and Exhibition Centre, Sydney, Australia****PROGRAMME**

Sunday, 11 April 2010 SCEC, Sydney, Australia		
Sunday 11 April	09:00-12:00 13:00-15:00 Grand Ballroom B, SCEC	General Assembly, First Session
Sunday 11 April	18:30-20:30 Sydney Town Hall	Welcome reception (all participants)
Monday, 12 April 2010 SCEC, Sydney, Australia		
Monday 12 April	08:00-09:30 SCEC See programme for rooms	Annual Meetings of FIG Commissions
Monday 12 April	09:45-11:30 Bayside Auditorium B, SCEC	Opening Ceremony (all participants)
Monday, 12 April – Thursday, 15 April 2010 FIG Congress 2010 SCEC, Sydney, Australia – www.fig2010.com and www.fig.net/fig2010/techprog.htm		
Friday, 16 April 2010 SCEC, Sydney, Australia		
Friday 16 April	08:30-10:30 Bayside 202, SCEC	Presidents' Meeting for Presidents of Member Associations (or their representatives), by invitation only
Friday 16 April	11:00–14:00 Grand Ballroom B, SCEC	General Assembly, Second Session
Friday 16 April	14:30-16:00 Grand Ballroom B, SCEC	Closing Ceremony
Friday 16 April	16:00-17:00 Parkside Foyer, SCEC	Farewell Reception

FIG 33rd GENERAL ASSEMBLY

List of Agenda Items

Sunday, 11 April, 09:00-12:00 and 13:00-15:00

1. OPENING PROCEEDINGS
2. ROLL CALL
3. APPOINTMENT OF TELLERS
4. ADOPTION OF THE AGENDA
5. ADOPTION OF THE MINUTES OF THE 32nd GENERAL ASSEMBLY
6. MEMBERSHIP
7. FIG MEMBERS' DATABASE
8. PRESIDENT'S REPORT
9. HONORARY MEMBERS
10. REPORTS FROM FIG COMMISSIONS AND NETWORKS
11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS
12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION
13. REPORTS OF TASK FORCES
14. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK
15. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS
16. FIG CONFERENCES 2009
17. FIG OFFICE DEVELOPMENT PLAN
18. FIG ACCOUNTS FOR 2009 AND AUDITOR'S REPORT AND BUDGET FOR 2010, 2011 AND 2012
19. SUBSCRIPTION RATES FOR 2012
20. ELECTION OF FIG PRESIDENT 2011-2014
21. ELECTION OF FIG VICE PRESIDENTS 2011-2014
22. SELECTION OF VENUE OF FIG CONGRESS 2014

Friday, 16 April, 8:30-10:30 – Presidents' Meeting (by invitation only)

23. PRESIDENTS' MEETING

Friday, 16 April, 11:00–14:00

24. ROLL CALL
25. MEMBERSHIP
26. ELECTION OF FIG PRESIDENT 2011-2014
27. ELECTION OF FIG VICE PRESIDENTS 2011-2014
28. REPORT FROM ACCO
29. APPOINTMENT OF FIG COMMISSION CHAIRS 2011-2014
30. CO-OPERATION WITH THE FIG CORPORATE MEMBERS
31. DECISION ON THE VENUE OF THE FIG CONGRESS 2014
32. FIG SYDNEY DECLARATION
33. REPORT ON THE FIG WORKING WEEK 2011 IN MARRAKECH, MOROCCO, 18-22 MAY 2011
34. REPORT ON THE FIG WORKING WEEK 2012 IN ROME, ITALY, 6-11 MAY 2012
35. PRESENTATION OF CERTIFICATES OF APPRECIATION

FIG 33rd GENERAL ASSEMBLY

AGENDA

for the meetings to be held in Grand Ballroom B at the Sydney Convention and Exhibitor Centre, Sydney, Australia on the 11th and 16th of April 2010

SUNDAY 11 APRIL

Sunday, 11 April, 09:00-12:00 and 13:00-15:00
Grand Ballroom B, SCEC, Sydney, Australia
General Assembly, First Session

1. OPENING PROCEEDINGS

President Stig Enemark to open the 33rd General Assembly.

2. ROLL CALL

Vice President Matt Higgins to take the roll call.

Please note: The roll call will be done for member associations and affiliate members only. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members will be entered in the records but they shall register before the meeting starts at the meeting place to the FIG officers. Member associations are asked to inform the FIG Office by **26 March 2010** about their attendance and at the same time to submit the names of their delegates and to inform who the leader of the delegation is. That only member associations that have paid all their membership fees to the end of 2009 are allowed to vote at the meeting, a list of member associations that are not allowed to vote will be published on the FIG web site **15 March 2010**.

Appendix to items 2 & 24: Roll Call.

Motion: That present members are recorded in the minutes.

Decision:

3. APPOINTMENT OF TELLERS

The General Assembly shall appoint two persons as tellers following the principle adopted at the 22nd General Assembly so that the tellers will represent member associations hosting the preceding (the Association of Licensed Surveyors in Israel, ALSI) and the current General Assembly (the Surveying and Spatial Sciences Institute, SSSI).

Motion: That the General Assembly appoints Dr. Haim Srebro from ALSI and Mr. Craig Sandy from SSSI as a teller for the two sessions of the General Assembly.

Decision:

4. ADOPTION OF THE AGENDA

Motion: That the agenda be adopted.

Decision:

5. ADOPTION OF THE MINUTES OF THE 32nd GENERAL ASSEMBLY

Minutes have been circulated previously.

Appendix to item 5: Minutes of the General Assembly in Eilat, Israel, May 2009, without appendices.

Motion: That the minutes be adopted as recorded.

Decision:

6. MEMBERSHIP

6.1 Acceptance of new members

6.1.1 Cyprus Association of Valuers and Property Consultants

The Cyprus Association of Valuers and Property Consultants has submitted an application to become the second member association of FIG from Cyprus. The association has been constituted in 2007 after the previous association that included valuers and quantity surveyors was divided into two separate associations. The valuers association has currently 83 members. The current member association the Cyprus Association of Rural and Surveying Engineers has been contacted on the application and they have not opposed the application. The application meets the criteria for membership in FIG as a member association. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.1: Membership application from the Cyprus Association of Valuers and Property Consultants.

Motion: That the General Assembly admits the Cyprus Association of Valuers and Property Consultants to become a member association of FIG.

Decision:

6.1.2 The Nepal Institution of Chartered Surveyors

The Nepal Institution of Chartered Surveyors has submitted an application to become a member association of FIG from Nepal. The association has been constituted in May 2008. Its members include licensed surveyors and the number of members is at the moment 27 qualified and 37 qualifying members. Nepal has earlier been a member of FIG but the former association is not active any longer. The application meets the criteria for membership in FIG as a member association. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.2: Membership application from The Nepal Institution of Chartered Surveyors.

Motion: That the General Assembly admits The Nepal Institution of Chartered Surveyors to become a member association of FIG.

Decision:

6.1.3 Geodetic Association of Herceg-Bosnia

The Geodetic Association of Herceg-Bosnia has submitted an application to become a member association of FIG from Bosnia-Herzegovina. The association has been constituted in 1995. The association in total 70 qualified members. The application meets the criteria for membership in FIG as a member association. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.3: Membership application from the Geodetic Association of Herceg-Bosnia.

Motion: That the General Assembly admits the Geodetic Association of Herceg-Bosnia to become a member association of FIG.

Decision:

6.2 Other member association issues

Surveying and Spatial Sciences Institute, SSSI, Australia

The Institute of Surveyors Australia, ISA has merged with the Spatial Sciences Institute at the end of June and submitted FIG a letter requesting to move the membership from ISA to the Surveying and Spatial Sciences Institute, SSSI. The Council has considered the application and has agreed to move the membership of ISA to SSSI representing Australia in FIG.

Motion: That the Council records the decision of the Council to move the Australian membership in FIG from ISA to SSSI.

Decision:

Danish Association of Chartered Surveyors, DdL, Denmark

The Danish Association of Chartered Surveyors, DdL has been a great supporter of FIG since the FIG Office was established in Copenhagen 1999. This has included lot of in kind support and offering the FIG office space free of charge. Now after ten years it is the right time for FIG to take full responsibility of the office also by starting to pay rent for the office. This has been informed earlier and is included in the FIG budget. Based on the long term support from DdL to FIG the FIG Council has decided to recognise DdL at the General Assembly with a certificate of appreciation. The Council is grateful that the support from DdL to FIG will continue also in the future.

Motion: That the General Assembly recognises the DdL for its continuous support to FIG by a certificate of appreciation and by listing DdL under other sponsorship in Corporate Membership list.

Decision:

6.3 Expulsion of member associations

Subscriptions of following member associations are more than three years in arrears:

- Syndicat National des Géomètres (SYNAGETAB), Benin
- Botswana Surveying and Mapping Association, Botswana
- Colegio de Ingenieros Topógrafos A. C., Mexico
- Asociación de Agrimensores del Uruguay, Uruguay

The General Assembly has powers to expel from the Federation any member association whose fees are in arrears and shall under normal circumstances expel any member association whose fees are three years in arrears. (Article 4.3 of the Statutes). The FIG office has sent a letter to these associations informing that if their membership fees are still in arrears at the time of the General Assembly the General Assembly shall expel these member associations in Sydney.

After acceptance of new member associations and expulsions the number of FIG member associations is 99.

Motion: That the General Assembly expels the

- Syndicat National des Géomètres (SYNAGETAB), Benin
 - Botswana Surveying and Mapping Association, Botswana
 - Colegio de Ingenieros Topógrafos A. C., Mexico
 - Asociación de Agrimensores del Uruguay, Uruguay
- from the FIG membership if their membership fees still are in arrears 11 April 2010.

Decision:

6.4 Other membership issues

Affiliate members

The FIG Council has accepted following new affiliate members to FIG after the latest General Assembly in 2009:

- Afghan Land Consulting Organization, ALCO, Afghanistan
- Italian Society of Photogrammetry and Topography, SIFET, Italy
- Swiss Federal Office of Topography, Swisstopo, Switzerland
- National Cartographic Center, Iran

The Agency for Land Management, Geodesy and Cartography from Tajikistan has terminated its membership in FIG.

After this change the number of affiliate members is 32.

Corporate members

The Council has admitted the following companies to become a Corporate Member of FIG after the General Assembly in 2009:

- Geotrilho Topografia Engenharia e Projecto lda, Portugal, Level E (basic level)
- Geoweb S.p.A., Italy, category C (silver level)
- Coordinates Magazine, India, category F (regional level)

MENSI S.A, Schonstedt Instrument Company, GIS Development, Hansa Luftbild and REIDIN.com have withdrawn their membership from FIG.

After these changes the number of corporate members is now 35.

Academic members

The Council has admitted the following universities and institutions to become an academic member:

- The National Research Institute of Astronomy & Geophysics, Geodynamics Department, Egypt
- The College of Estate Management, United Kingdom
- Brno University of Technology, Czech Republic
- College of Technology, University of Houston, USA
- Center for Soil Protection and Land Use Policy (Zentrum für Bodenschutz und Flächenhaushaltspolitik am Umwelt), (ZBF-UCB), Germany
- School of Rural Estate and Planning, Reading University, United Kingdom.

The number of Academic Members after these changes is 89.

Correspondents

The Council has admitted following new correspondents:

- Habtemicael Weldegiorgis, Director General, Cadastral Office, Ministry of Land, Water and Environment (MLWE), Eritrea
- Melkamu Belachew Moges, Bahir Dar University, Ethiopia
- Jose Espejo Vasquez, Geodetic Surveyor, Peru (with aim to create Peruvian Congress on Geodesy, Surveying and Geomatic)

The membership has been limited to the end of 2010 with condition that their membership will only be continued if there is progress in forming professional association in their country. During this period the correspondents are expected to work for getting their country to join FIG at a higher membership level.

Number of correspondents is currently 18.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision:

7. FIG MEMBERS' DATABASE

At previous congresses member associations have been requested to prepare national reports on their activities for the congress proceedings. The Council has considered this concept and decided instead study options to build a FIG members' database. The idea is to establish a short description of the profession for the members association within each country. The kind of template should include both a section on statistics and a section describing the profession in terms of the 10 commissions of FIG. The statistical section should include information such as: area and population of the country; number of surveyors in the country and number of surveyors belonging to the member association; and indications whether the association has adopted a code of ethics and professional conduct, a CPD program, and a mutual recognition program.

The purpose of the Members' database is that it would then be easy to get a quick overview of the profile of the surveying profession in each member country whenever needed for whatever purpose.

The Council has prepared an example case study (concept model) from Denmark and Australia that the President will present at the General Assembly. If the General Assembly is supportive to the concept an Internet based database will be produced for implementation by the end of 2010.

Motion: That the General Assembly records the reports and that the Council proceeds with the Members' database based on comments from the members.

Decision:

8. PRESIDENT'S REPORT

The President has prepared a report on the activities of the President and the Council since the General Assembly in Eilat. The President will give a subsequent report orally at the meeting including an overall evaluation of the achievements in relation to the 2007-2010. A more detailed presentation on the FIG achievements during the 2007-2010 term of office will be given by the President in the first plenary session on Monday 12 April.

Appendix to item 8: President's report.

Motion: That the General Assembly accepts the President's report.

Decision:

9. HONORARY MEMBERS

The Council has received three nominations for Honorary Members: Colegio Oficial de Ingenieros Técnicos en Topografía (COIT) from Spain has nominated Prof. Pedro Cavero, Geo-Information Netherlands (GIN) has nominated Prof. Paul van der Molen (Netherlands), and Norges Jordskifte kandidatforening, faglig gruppe av Tekna (NJKF) from Norway has nominated Mr. Helge Onsrud.

Appendix to item 9: The nomination letters for:

- Prof. Pedro Cavero, Colegio Oficial de Ingenieros Técnicos en Topografía (COIT), Spain
- Prof. Paul van der Molen, Geo-Information Netherlands (GIN), the Netherlands; and
- Mr. Helge Onsrud, Norges Jordskifte kandidatforening, faglig gruppe av Tekna (NJKF) and GeoForum, Norway

According to the Statutes paragraph 3.1.7 an individual who has materially assisted the development and promotion of the surveying profession at the international level can be appointed as an honorary member. Nomination for this appointment shall be made by a member association or the Council, which will consider it and submit it to a vote of the General Assembly.

The Council has considered all three proposals and decided to propose to the General Assembly that it appoints Prof. Pedro Cavero, Prof. Paul van der Molen and Mr. Helge Onsrud as Honorary Members of the Federation for the outstanding services they have provided to the Federation in different positions and functions.

Motion: That the General Assembly appoints Prof. Pedro Cavero, Prof. Paul van der Molen and Mr. Helge Onsrud Honorary Members of FIG.

Decision:

10. REPORTS FROM FIG COMMISSIONS AND NETWORKS

Vice President Matt Higgins, Chair of ACCO will make an oral presentation on behalf of the ACCO on the Commission activities and on results of the ACCO meeting held in Sydney. A more detailed presentation on Commission activities 2007-2010 will be given by Matt Higgins in the first plenary session on Monday 12 April.

Each Commission Chair has submitted a written report on their Commission activities since the FIG Working Week in Eilat. These reports include progress reports of the Commission working groups. Each Commission will hold an annual or other meeting during the Congress in Sydney. Reports from Young Surveyors Network and Standards Network are presented under Commission reports.

Appendices to item 10: Commission reports:

- Commission 1
- Commission 2
- Commission 3
- Commission 4
- Commission 5
- Commission 6
- Commission 7
- Commission 8
- Commission 9
- Commission 10
- Young Surveyors Network
- Standards Network

FIG Commissions have finished following publications that will be available in Sydney:

- No. 46 Enhancing Surveying Education through e-learning. A publication of FIG Commission 2 – Professional Education. FIG Report, 2010. Available on the web at: www.fig.net/pub/figpub/pub46/figpub46.pdf
- No. 48 Rapid Urbanization and Mega Cities: The Need for Spatial Information Management. Research study by FIG Commission 3. FIG Report, 2010. Available on the web at: www.fig.net/pub/figpub/pub48/figpub48.pdf
- No. 49 Cost Effective GNSS Positioning Techniques. A publication of FIG Commission 5. FIG Report, 2010. Available on the web at: www.fig.net/pub/figpub/pub49/figpub49.pdf

There are several Commission publications (Commissions 4, 5, 8 and 9) under preparation and some of these will be ready by Sydney and the rest by the end of 2010. These include Issues in Coastal Development (Joint WG 8.4 and WG 4.3 report); FIG guide to find best practice on port hydrography (Commission 4 WG 4.1); Economic Benefits of Hydrography (Commission 4 WG 4.4) and Compulsory Purchase and Compensation (Commission 9).

The Council has made following decisions about Commissions and their working groups:

- appointed in August 2009 Robert Sinkner from Czech Republic as the acting Chair Elect of Commission 10 with immediate effect.
- agreed to establish a new Working Group on “Ubiquitous Positioning Technologies and Techniques” under Commission 5 (joint with Commission 6) that will be a collaborative working group with IAG. This working group will continue its work 2011-2014. Allison Kealy, FIG (Australia) and Günther Retscher, IAG (Austria) has been appointed as co-chairs.
- decided to terminate Working Group 8.5 (Land Use Planning and Implementation) chaired by Maria Ulfvarsson-Östlund based on Commission 8 proposal.

Motion: That the General Assembly

- adopts the reports of the Commission chairs and records its thanks to the chairs and other officers of the Commissions for their past year’s work
- records the Commission publications for information and records its thanks to editors and authors of these publications
- records the decisions on commissions and working groups made by the Council.

Decision:

11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS

11.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Prof. Paul van der Molen, Director of OICRF has prepared a report on the OICRF activities since the General Assembly in Eilat. He will make a short subsequent report orally at the General Assembly.

Appendix to item 11.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

In the report OICRF has proposed that the General Assembly appoints Mr. Christiaan Lemmen as the new Chairperson of OICRF and Ms. Pauline van Elsland as the new Secretary of OICRF. Mr. Lemmen will precede Prof. Paul van der Molen who will retire from OICRF after leading the institution for more than 15 years.

Motion: That the General Assembly adopts the report and appoints Mr. Christiaan Lemmen as the new OICRF President and Ms. Pauline van Elsland as the new OICRF Secretary and that the General Assembly records its thanks to the members of OICRF for their past year's work and sincere thanks to Prof. Paul van der Molen for his long and outstanding work in OICRF.

Decision:

11.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr. Jan de Graeve, President of the IIHSM has prepared a report on the IIHSM activities since the General Assembly in Eilat. A FIG Publication on the IIHMS and its achievements will be launched in Sydney.

Appendix to item 11.2: Report and publication:

- Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.
- FIG Publication no. 50: History of Surveying. To be available on www.fig.net/pub/figpub/pub50/figpub50.pdf by 15 March 2010.

Motion: That the General Assembly

- adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.
- records the publication on History of Surveying and record its thanks to the editors and authors of the publication.

Decision:

12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION

Mr. John Hohol, President of the FIG Foundation has prepared a report on the FIG Foundation activities from May 2009 to January 2010. He will make a subsequent report orally at the General Assembly and announce the FIG Foundation Fellowships for 2010.

Appendix to item 12: Report of the FIG Foundation activities May 2009 – January 2010.

Motion: That the General Assembly adopts the report of the President of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work.

Decision:

13. REPORTS OF TASK FORCES

At the moment FIG has four Task Forces: 1) Institutional and Organisational Development, chaired by Iain Greenway; 2) Developing Global Land Tools for Pro Poor Land Management, chaired by Paul van der Molen (including the FIG/UN-HABITAT co-operation in Global Land Tool Network and developing Social Tenure Domain Model); 3) Task Force on Spatially Enabled Society, chaired by Daniel Steudler; and 4) FIG Africa Task Force, chaired by Diane Dumashie.

Vice President Iain Greenway has prepared a report on the progress of the Task Force on Institutional and Organisational Development. The final result of the Task Force has been published as FIG publication No 47 on Institutional and professional development and is available on the web at: www.fig.net/pub/figpub/pub47/figpub47.pdf. Hard copies of the publication will be available at the General Assembly. The report closes the work of the task force.

The tasks of the Task Force on Developing Global Land Tools for Pro Poor Land Management have in fact been taken over by the President because of change in the policies of co-operation with UN-HABITAT. The FIG activities with UN-HABITAT are now concentrated in the Global Land Tool Network where President Enemark is representing FIG in the International Advisory Board and in the project on developing the Social Tenure Domain Model. The President reports on these issues under agenda item 14 that is Co-operation with the United Nations. The results include the publication "*Informal Urban Development in Europe. A case study from Albania and Greece*" that is prepared by expert support from FIG (Dr. Chryssy Potsiou) and will be published by UN-HABITAT/GLTN. This Task Force has also been actively involved in the Social Tenure Domain Model, a publication on the project to be available in Sydney.

Dr. Diane Dumashie has prepared as progress report on the activities of the FIG Task Force on Africa (2010-2014).

Dr. Daniel Steudler has prepared an interim report on the Task Force on Spatially Enabled Society. The final report of this report will be launched by the end of 2010.

Appendix to item 13: Task Force reports:

- Task Force on Institutional and Organisational Development
- FIG Publication no. 47: Institutional and Organisational Development – A Guide for Managers. FIG Guide, 2010 www.fig.net/pub/figpub/pub47/figpub47.pdf
- FIG Africa Task Force
- FIG Task Force on Spatially Enabled Society

Motion: That the General Assembly

- records all Task Force reports and records its thanks to the Chairs of the Task Forces and their members
- records the FIG Publication no. 47 *Institutional and Organisational Development – A Guide for Managers* and recommends it for FIG members for use and distribution and decides to close the Task Force on Institutional and Organisational Development as its work has come to an end.
- decides to close the FIG Task Force on Spatially Enabled Society and Developing Global Land Tools for Pro Poor Land Management at the end of 2010.

Decision:

14. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

As part of the Work Plan 2007-2010 the Council has established the UN Liaison Committee – FIG Responses to the Millennium Development Goals to coordinate co-operation with the United Nations and the World Bank. The Liaison Committee is chaired by the President. The Council appointed in February 2009 Prof. Paul van der Molen, the Netherlands, as the FIG Liaison Ambassador for the United Nations for 2009-2010.

The President has prepared a report on the co-operation between FIG and the United Nations including the World Bank since the General Assembly in Eilat.

The main activities in the co-operation with the United Nations and the World Bank during this period have been:

- Preparation of the FIG Publication No. 45 Land Governance in Support of the Millennium Development Goals. A New Agenda for Land Professionals. FIG / World Bank Conference, Washington DC, USA 9–10 March 2009. FIG Policy Statement, 2010. <http://www.fig.net/pub/figpub/pub45/figpub45.pdf>
- Participation to the Global Land Tool Network and its International Advisory Board
- Contribution to Global Land Tool Network (GLTN) projects such as developing the Social Tenure Domain Model, Case study on informal development in Albania and Greece; and developing the Gender Evaluation Criteria for Large-scale land Tools. Arrangement of the FAO Regional Consultation Meeting on the “*FAO Voluntary Guidelines for Responsible Governance of Tenure of Land and Other Natural Resources*” in conjunction to the 7th FIG Regional Conference in Hanoi, Vietnam, 19-22 October 2009.
- Participation to the work of the International Committee on Global Navigation Satellite Systems (ICG)

Appendix to item 14: Reports:

- Co-operation between FIG and the United Nations and the World Bank.
- FIG Publication No. 45 Land Governance in Support of the Millennium Development Goals. A New Agenda for Land Professionals. FIG / World Bank Conference, Washington DC, USA 9–10 March 2009. FIG Policy Statement, 2010. <http://www.fig.net/pub/figpub/pub45/figpub45.pdf>
- FIG publication on Social Tenure Domain Model – to be available in Sydney

Motion: That the General Assembly

- adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to the members of the Liaison Committee and all those who have contributed to this co-operation
- records the FIG report on the FIG/World Bank conference and endorses the FIG–World Bank Declaration on Land Governance in Support of the Millennium Development Goals

Decision:

15. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting of JB-GIS in 2009 was held in conjunction to the GSDI Congress in Rotterdam, the Netherlands in June 2009 and the JB-GIS had in addition an informal meeting in Bangkok, Thailand during the Eighteenth United Nations Regional Cartographic Conference for Asia & the Pacific (UNRCC-AP) in

October 2009. The meeting included some fruitful information on current activities and discussions on future cooperation and collaboration between the organisations. A key issue was development of the Geographic Information Knowledge Network (GIK Network) under GSDI leadership to serve the global geographic information community at large. The goal of this facility is to enhance communications and sharing among geospatial specialists and organisations from all nations. Other key projects are Risk and Disaster Management and Capacity Building in Africa.

The JB-GIS will have its annual meeting during the FIG Congress in Sydney.

A new Memorandum of Understanding has been prepared between FIG and the GSDI Association. This MoU will be signed in Sydney during the invited session (INV 4) on spatially enabled societies on Wednesday 14 April at 14:00.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI and IFHS. Some of the partners are also working together in the Habitat Professionals Forum.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards.

Appendix to item 15: Memorandum of Understanding between FIG and GSDI.

Motion: That the General Assembly

- records the report on the liaison with other international associations
- adopts the MoU between FIG and GSDI

Decision:

16. FIG CONFERENCES 2009

The FIG Working Week 2009 “Surveyors’ Key Role in Accelerated Development” was held in Eilat, Israel in 8-11 May 2009. The conference was a big success with more than 650 participants from 65 countries. The results of the conference have been reported on the FIG web site where also the proceedings are available. Findings of the Working Week are listed in the closing speech of President Stig Enemark.

The 7th FIG Regional Conference “Spatial Data Serving People – Land Governance and the Environment – Building the Capacity” was held in Hanoi, Vietnam, 19-22 October 2009. Participation exceeded the expectations of the organisers. With 400 participants from 52 countries the conference was among the biggest regional conference so far. As part of the conference FAO organised a two-day Regional Consultation Meeting on the “FAO Voluntary Guidelines for Responsible Governance of Tenure of Land and Other Natural Resources”.

As result from the regional conference the Hanoi Declaration on Land Acquisition in Emerging Economies has been prepared. This publication will be launched in Sydney. It will also be available on the FIG web site by 15 March 2010.

Appendix to item 16: FIG Publication no. 51 Hanoi Declaration on Land Acquisition in Emerging Economies. To be available on www.fig.net/pub/figpub/pub51/figpub51.pdf by 15 March 2010.

Motion: That the General Assembly

- records its thanks to ALSI and the organising committee for hosting the FIG Working Week in Eilat, Israel

- records its thanks to VGCR for hosting the organising committee for hosting the 7th FIG Regional Conference in Hanoi, Vietnam
- records the Hanoi Declaration and endorses its recommendations for land acquisition in emerging economies

17. FIG OFFICE DEVELOPMENT PLAN

The Council has requested the FIG General Manager John Neel to prepare a FIG Office Development Plan proposing the steps required to develop the FIG Office into an efficient and effective professional organization provided quality service. This was related to the employment as General Manager by 1 January 2009. The Plan will include an Office Quality Management System with a manual documenting all administrative procedures to be written in accordance with the overall ISO principles.

The FIG President will present the FIG Office Development Plan to the General Assembly.

Appendix to item 17: Summary of the FIG Office Development Plan

Motion: That the General Assembly records the presentation on the FIG Office Development Plan and agrees that the Council will proceed with its implementation.

Decision:

18. FIG ACCOUNTS FOR 2009 AND AUDITOR'S REPORT AND BUDGET FOR 2010, 2011 AND 2012

Vice President Iain Greenway and General Manager John Neel have prepared a report on the FIG Financial Issues. Iain Greenway will present the report to the General Assembly. This report includes summary of 2009 accounts, an updated budget for 2010 and proposals for budgets 2011-12 with notes and proposal for membership fees for member associations in 2012.

The Auditors Report includes the auditors report from 2009, official accounts (income statement 2009) and balance sheet 31 December 2009.

Appendix to item 18: Report on Financial Issues (including 2009 accounts and budgets 2010-2012)

Annexes:

- 18A** Auditor's Report, Income Statement for 2009 and Balance Sheet at 31 December 2009.
- 18B** FIG Result 2009
- 18C** FIG Budgets 2010-2012
- 18D** List of member associations whose membership fees are in arrears for 2009 and earlier and that are not allowed to vote, to be published on the FIG web site **15 March 2010**.

Motion: That the General Assembly

- adopts the audited accounts for 2009 and
- adopts budgets for 2010–2012

Decision:

19. SUBSCRIPTION RATES FOR 2012

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 5,500 members. Membership fee structure was changed in 2009 and at that time the per

capita fee for 2010 was frozen to 2009 level. Membership fees have been discussed as part of the finance report, **appendix to item 18**.

The 2009 General Assembly approved membership fees for 2011 as follows:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (22,290 €)
2011	4.30 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (23,560 €)

The World Bank lists of the low-income economies and the lower-middle-income economies are available at:

<http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20421402~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

The Council proposes to the General Assembly to increase membership fees for member associations for 2012 with 4.2 per cent from 2011 to 4.48 € per member.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2012:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2012	4.48 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.24 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (24,640 €)

Decision:

20. ELECTION OF FIG PRESIDENT 2011-2014 – PRESENTATION OF CANDIDATES

The Council has received three nominations for the post of FIG President: RICS from United Kingdom has appointed Mr. Iain Greenway; SSSI; Australia has appointed Mr. Matthew B. Higgins and AALSM from Malaysia has appointed Mr. Teo CheeHai. The profile templates of each candidate are attached to this agenda. In the first session of the General Assembly each candidate will be given

equal time (about 5 minutes) to introduce him and make a presentation focussing on his ideas and goals for developing the FIG agenda.

The actual election will take place at the second session of the General Assembly by blind votes in on Friday 16 April. If there will be no absolute majority in the first vote, a second vote will be organised between those two candidates that have most votes.

Appendix to item 20 and 26: Profile templates of the three candidates for FIG President 2011-2014:

- Mr. Iain Greenway, The Royal Institution of Chartered Surveyors RICS, United Kingdom
- Mr. Matthew B Higgins, Surveying and Spatial Sciences Institute SSSI, Australia
- Mr. Teo CheeHai, Association of Authorised Land Surveyors Malaysia, Malaysia

Motion: That the General Assembly notes the presentations of the candidates and decides to make the election at the second session of the General Assembly according to FIG statutes and internal rules.

Decision:

21. ELECTION OF FIG VICE PRESIDENTS 2011-2014 – PRESENTATION OF CANDIDATES

The FIG Council has received three proposals for the two open posts of FIG Vice President: Prof. Dr. Dalal S. Alnaggar, ECSM, Egypt, Dr. Chryssy Potsiou, TCG and HARSE, Greece and Prof. Dr.-Ing. Rudolf Staiger, DVW, Germany. The profile templates of each candidate are attached to this agenda. In the first session of the General Assembly each candidate will be given equal time (about 5 minutes) to introduce her/him and make a presentation focussing on her/his ideas and goals for developing the FIG agenda.

In the case that Mr. Iain Greenway or Mr. Teo CheeHai will be elected as the FIG President a third post for Vice President for a two-year period will be available. All three candidates have shown their interest for all possible Vice President positions.

The actual election will take place at the second session of the General Assembly by blind votes on Friday 16 April. The election will take place one position at a time. If there will be no absolute majority in the first voting, second vote will be organised between those two candidates that have most votes.

Appendix to item 21 and 27: Profiles of the candidates

- Prof. Dr. Dalal S. Alnaggar, Egyptian Committee of Surveying and Mapping, ECSM, Egypt
- Dr. Chryssy Potsiou, Technical Chamber of Greece TCG and Hellenic Association of Rural and Surveying Engineers HARSE, Greece
- Prof. Dr.-Ing. Rudolf Staiger, DVW – Deutscher Verein für Vermessungswesen - Gesellschaft für Geodäsie, Geoinformation und Landmanagement, Germany

Motion: That the General Assembly notes the presentations of the candidates and decides to make the elections at the second session of the General Assembly according to FIG statutes and internal rules.

Decision:

22. SELECTION OF FIG CONGRESS VENUE 2014 – PRESENTATION OF CANDIDATES

The FIG Congress 2014 will be organised by FIG together with the local member association. FIG will have full responsibility of the arrangements and also of the financial result, naturally together with the local member association. This offers FIG better opportunities in terms of organising events

and generating funds. Therefore the Council has ensured that all candidates are aware about the role of FIG and split of responsibilities for organising the Congress.

The FIG Council has received two bids to host the FIG Congress 2014:

- Kuala Lumpur, Malaysia, Association of Authorised Land Surveyors Malaysia AALSM
- Istanbul, Turkey, Chamber of Surveying Engineers of Turkey HKMO

The Council is preparing an evaluation report on the two bids that will be implemented and published 15 March 2010. In the evaluation report following issues will be described for comparison:

- *Rotation of the conferences* (region);
- *Country* (hosting of earlier FIG events);
- *Member association* (its activeness, commitment to FIG and to FIG 2014);
- *Supporting organisations* (local support to the congress);
- *Host city* (characteristics and interest from congress programme point of view);
- *Venue* (technical issues of proposed congress centre, hotels etc.);
- *Access* (flight connections);
- *Safety and security* (including political stability);
- *Environment issues*;
- *Proposed dates* (in relation to FIG requirements);
- *Technical programme* (coverage of all FIG Commissions, potential partners);
- *Technical tours* (coverage of all FIG Commissions);
- *Social programme* (attractiveness and variety);
- *Attendance* (expectation of international, regional and local attendance);
- *Accommodation* (hotel costs);
- *Finances* (estimate of surplus and financial risks);
- *Sponsorship* (estimate sponsorship and exhibition income);
- *Attractiveness* (general attractiveness as congress destination).

The evaluation report will not give a recommendation or a preference to either candidate but it will list their qualifications on each subject above and summarise the pros and cons of each candidate to assist the member association in making their decision. During the last years the role economy has increased in the decision making process. This relates both to the registration fees, over all costs and surplus to the organisers. The purpose of the evaluation process is to guarantee the high standard and quality of the congress.

Appendix to item 22 and 31: Summary of the bids of the two candidates for the FIG Congress 2014

- Evaluation report – to be available 15 March 2010
- Kuala Lumpur, Malaysia - Summary of the bid from Association of Authorised Land Surveyors Malaysia – to be available 15 March 2010
- Istanbul, Turkey – Summary of the bid from Chamber of Surveying Engineers of Turkey HKMO – to be available 15 March 2010

At the session each of the two candidates will be given 10 minutes to make a presentation of their destination and framework of the congress and their bid.

Decision on the venue of FIG Congress 2014 will be made at the second session of the General Assembly on Friday 16 April 2010. The voting will be made by blind votes.

Motion: That the General Assembly records the presentations and decides to make the decision on the venue at its second session.

Decision:

FRIDAY 16 APRIL 2010

Friday, 16 April, 8:30-10:30
Bayside 202, SCEC
Presidents' Meeting (by invitation only)

23. PRESIDENTS' MEETING

Separate invitation to Presidents of the Member Associations.

Friday, 16 April, 11:00–14:00
Grand Ballroom B, SCEC
General Assembly, Second Session

24. ROLL CALL

FIG Director to take the roll call.

Please note: The roll call will be done for member associations and affiliate members only. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members will be entered in the records but they shall register before the meeting starts at the meeting place to the FIG officers. That only member associations that have paid all their membership fees to the end of 2009 are allowed to vote at the meeting, a list of member associations that are not allowed to vote has been published on the FIG web site **15 March 2010**.

To be noted that the General Assembly has appointed Dr. Haim Srebro from ALSI, Israel and Mr. Craig Sandy from SSSI, Australia as tellers to this session of the General Assembly.

Appendix to items 2 & 24: Roll Call.

Motion: That present members are recorded in the minutes.

Decision:

25. MEMBERSHIP

The Council will decide on other membership issues in Sydney and bring them for the General Assembly for decision or information as necessary.

Motion: That the General Assembly decides on the membership issues based on the proposal of the Council.

Decision:

26. ELECTION OF FIG PRESIDENT 2011-2014

The General Assembly have heard presentation of the three candidates for the FIG President 2011-2014 at the first session. The election will take place between Mr. Iain Greenway, RICS, United Kingdom; Mr. Matthew B. Higgins, SSSI, Australia and Mr. Teo CheeHai, AALSM, Malaysia.

The election will take place by blind votes following the FIG statutes and internal rules. If there will be no absolute majority in the first vote, a second vote will be organised between those two candidates that have most votes.

Appendix to item 20 and 26: Profile templates of the three candidates for FIG President 2011-2014:

- Mr. Iain Greenway, The Royal Institution of Chartered Surveyors RICS, United Kingdom
- Mr. Matthew B Higgins, Surveying and Spatial Sciences Institute SSSI, Australia
- Mr. Teo CheeHai, Association of Authorised Land Surveyors Malaysia, Malaysia

Motion: That the General Assembly elects the President for FIG for term of office 1.1.2011-31.12.2014.

Decision:

27. ELECTION OF VICE PRESIDENTS 2011-2014

The General Assembly have heard presentation of the three candidates for the FIG Vice President 2011-2014 at the first session. The election will take place between Prof. Dr. Dalal S. Alnaggar, ECSM, Egypt, Dr. Chryssy Potsiou, TCG and HARSE, Greece and Prof. Dr.-Ing. Rudolf Staiger, DVW, Germany.

The election will take place by blind votes following the FIG statutes and internal rules. The election will take place one position at a time. If there will be no absolute majority in the first voting, second vote will be organised between those two candidates that have most votes.

In the case that Mr. Iain Greenway or Mr. Teo CheeHai has been elected as the FIG President a third post for Vice President for a two-year period will be available. In this case the candidate that has least votes for the second open post for Vice President will be appointed for FIG Vice President for 2011-2012.

Appendix to item 21 and 27: Profiles of the candidates

- Prof. Dr. Dalal S. Alnaggar, Egyptian Committee of Surveying and Mapping, ECSM, Egypt
- Dr. Chryssy Potsiou, Technical Chamber of Greece TCG and Hellenic Association of Rural and Surveying Engineers HARSE, Greece
- Prof. Dr.-Ing. Rudolf Staiger, DVW – Deutscher Verein für Vermessungswesen - Gesellschaft für Geodäsie, Geoinformation und Landmanagement, Germany

Motion: That the General Assembly elects two Vice Presidents for FIG for term of office 1.1.2011-31.12.2014 and possibly one Vice President for term of office 1.1.2011-31.12.2012.

Decision:

28. REPORT FROM ACCO

Mr. Matt Higgins, Chair of ACCO will inform the General Assembly on the meetings during the Congress.

Motion: That the General Assembly records the report.

Decision:

29. APPOINTMENT OF FIG COMMISSION CHAIRS 2011-2014

FIG member associations have proposed all current Chairs Elect for election of FIG Commission Chairs 2011-2014 and the Czech Union of Surveyors and Cartographers has appointed acting Chair

Elect Robert Šinkner as candidate for Commission 10. The Council has not received any other nominations.

The candidates for FIG Commission Chairs for 2011-2014 are:

- Commission 1: Ms. Leonie Newnham, SSSI, Australia
- Commission 2: Prof. Dr. Steven Frank, ACSM, USA
- Commission 3: Prof. Yerach Doytsher, ALSI, Israel
- Commission 4: Dr. Michael Sutherland, CIG, Canada and Trinidad and Tobago
- Commission 5: Mr. Mikael Lilje, ASPECT, Sweden
- Commission 6: Dr. Gethin Wyn Roberts, ICES, United Kingdom
- Commission 7: Mr. Daniel Roberge, CIG, Canada
- Commission 8: Mr. Wafula Nabutola, ISK, Kenya
- Commission 9: Prof. Frances Plimmer, RICS, United Kingdom
- Commission 10: Mr. Robert Šinkner, CUSC, Czech Republic

The term of office of the newly appointed chairs is 1.1.2011-31.12.2014. The Work Plans for 2011-2014 will be presented for adoption of the General Assembly in Marrakesh, Morocco, May 2011.

Motion: That the General Assembly appoints unanimously FIG Commission chairs for term of office 1.1.2011-31.12.2014 as follows:

- Commission 1: Ms. Leonie Newnham, SSSI, Australia
- Commission 2: Prof. Dr. Steven Frank, ACSM, USA
- Commission 3: Prof. Yerach Doytsher, ALSI, Israel
- Commission 4: Dr. Michael Sutherland, CIG, Canada and Trinidad and Tobago
- Commission 5: Mr. Mikael Lilje, ASPECT, Sweden
- Commission 6: Dr. Gethin Wyn Roberts, ICES, United Kingdom
- Commission 7: Mr. Daniel Roberge, CIG, Canada
- Commission 8: Mr. Wafula Nabutola, ISK, Kenya
- Commission 9: Prof. Frances Plimmer, RICS, United Kingdom
- Commission 10: Mr. Robert Šinkner, CUSC, Czech Republic

Decision:

30. CO-OPERATION WITH THE FIG CORPORATE MEMBERS

A traditional meeting for FIG Corporate Members will be organised in Sydney. A report on co-operation between FIG and its Corporate Members will be given at the meeting.

Motion: That the General Assembly records the report.

Decision:

31. DECISION OF THE VENUE OF FIG CONGRESS 2014

Candidates for hosting the FIG Congress in 2014 have made their presentations in the first session of the General Assembly. The decision will be made between:

- Kuala Lumpur, Malaysia, hosted by FIG and Association of Authorised Land Surveyors Malaysia AALSM
- Istanbul, Turkey, hosted by FIG and Chamber of Surveying Engineers of Turkey HKMO

Appendix to item 22 and 31: Summary of the bids of the two candidates for the FIG Congress 2014

- Evaluation report – to be available 15 March 2010

- Kuala Lumpur, Malaysia - Summary of the bid from Association of Authorised Land Surveyors Malaysia – to be available 15 March 2010
- Istanbul, Turkey – Summary of the bid from Chamber of Surveying Engineers of Turkey HKMO – to be available 15 March 2010

Decision on the venue of FIG Congress 2014 will be made voting by blind votes.

Motion: That the General Assembly selects the venue for FIG Congress 2014.

Decision:

32. FIG SYDNEY DECLARATION

A draft for the FIG Sydney Declaration was presented at the first session of the General Assembly. The President will present the declaration for adoption.

Motion: That the General Assembly adopts the FIG Sydney Declaration.

Decision:

33. REPORT ON THE FIG WORKING WEEK 2011 IN MARRAKECH, MOROCCO, 18-22 MAY 2011

President Aziz Hilali, Ordre National des Ingénieurs Géomètres-Topographes ONIGT and members of the Organising Committee of FIG Working Week 2011 will give a presentation about the next Working Week and its preparations. The Working Week “Bridging the Gap between Cultures” will be held in Marrakech, Morocco 18-22 May 2011. Conference web site will be available at: www.fig.net/fig2011.

Motion: That the General Assembly records the report for information.

Decision:

34. REPORT ON THE FIG WORKING WEEK 2012 IN ROME, ITALY, 6-11 MAY 2012

President Fausto Savoldi, Consiglio Nazionale Geometri e Geometri Laureati CNGGL and representatives of the Organising Committee of FIG Working Week 2012 will give a presentation on preparations of FIG Working Week 2012. The Working Week 2012 will be held in Rome, Italy 6-11 May 2012. Conference web site will be available at: www.fig.net/fig2012.

Motion: That the General Assembly records the report for information.

Decision:

35. PRESENTATION OF CERTIFICATES OF APPRECIATION

CLOSING CEREMONY

**33rd General Assembly
Sydney, Australia, 11 and 16 April 2010**

Roll Call

<u>MEMBER ASSOCIATIONS</u>	11 April	16 April
Algeria Ordre des Géomètres-Experts Fonciers		
Argentina Federación Argentina de Agrimensores FADA		
Armenia Association of Private Surveyors APS		
Australia Surveying and Spatial Sciences Institute SSSI		
Austria Österreichische Gesellschaft für Vermessung und Geoinformation (Austrian Society for Surveying and Geoinformation) OVG		
Belarus Land Reform Association		
Belgium Union Belge des Géomètres-Experts Immobiliers		
^{*)} Benin Syndicat National des Géomètres-Topographes et Assimilés du Bénin SYNAGETAB		
^{**)} Bosnia-Herzegovina Geodetic Association of Herceg-Bosnia		
^{*)} Botswana Botswana Surveying and Mapping Association		
Brazil Brazilian Society of Cartography, Geodesy, Photogrammetry and Remote Sensing SBC		
Brazil FENEA - Federação Nacional dos Engenheiros Agrimensores		
Brunei Darussalam Brunei Institution of Geomatics, BIC		
Bulgaria Union of Surveyors and Land Managers in Bulgaria		
Bulgaria Chamber of Graduate Surveyors		
Burkina Faso Association des Geometres et Topographes du Burkina AGT-B		
Cameroon Ordre National des Geometres du Cameroun OGEC (National Order of Cameroon Surveyors NOCS)		
Canada Canadian Institute of Geomatics CIG		
China P.R. Chinese Society of Geodesy, Photogrammetry and Cartography		
China P. R. China Institute of Real Estate Appraisers and Agents CIREA		
Congo D. R. Federation des Ingenieurs Geometres-Topographes		
Costa Rica Colegio de Ingenieros Topógrafos de Costa Rica CFIA		
Croatia Croatian Geodetic Society HGD		
Cyprus Association of Rural Surveying Engineers of Cyprus		
^{**)} Cyprus Cyprus Association of Property Valuers		
Czech Republic Czech Union of Surveyors and Cartographers CSVTS		
Czech Republic Czech Association of Certified Property Appraisers CSCOM		
Denmark Den danske Landinspektørforening DdL		
Egypt Egyptian Committee of Surveying and Mapping ECSM		
Estonia Eesti Geodeetide Ühing EGÜ (Association of Estonian Surveyors)		

Fiji Fiji Institute of Surveyors		
Finland Suomen Maanmittausinsinöörien Liitto MIL (The Finnish Association of Surveyors)		
Finland Maanmittausalan ammattikorkeakoulu- ja opistoteknisten Liitto MAKLI ry		
France Ordre des Géomètres-Experts OGE		
France Association Française de Topographie AFT		
Georgia Society of Professionals of Land Information Technologies SPLIT		
Germany DVW – Deutscher Verein für Vermessungswesen – Gesellschaft für Geodäsie, Geoinformation und Landmanagement		
Ghana Ghana Institution of Surveyors GhIS		
Greece Technical Chamber of Greece TEE		
Greece Hellenic Association of Rural and Surveying Engineers HARSE		
Hong Kong SAR, China The Hong Kong Institute of Surveyors HKIS		
Hong Kong SAR, China The Hong Kong Institution of Engineering Surveyors HKInstES		
Hungary Hungarian Society of Surveying, Mapping and Remote Sensing MFTTT		
Indonesia Ikatan Surveyor Indonesia ISI		
Iran, Islamic Republic Iranian Society of Surveyors ISS		
Ireland The Society of Chartered Surveyors SCS		
Ireland The Irish Institution of Surveyors IIS		
Israel Association of Licensed Surveyors in Israel ALSI		
Italy Consiglio Nazionale Geometri e Geometri Laureati CNGGL		
Jamaica The Land Surveyors Association of Jamaica LSAJ		
Japan Nippon Sokuryosha Renmei (Japan Federation of Surveyors JFS)		
Kenya Institution of Surveyors of Kenya ISK		
Korea, Republic of Korea Confederation of Surveyors		
Kosovo Kosova Association of Surveyors		
Latvia Latvian Associations of Surveyors LMB		
Lebanon Ordre des Géomètres-Topographes du Liban		
Lithuania Lithuanian Association of Surveyors LMA		
Lithuania Lithuanian Association of Property Valuers LTVA		
Luxembourg Ordre Luxembourg des Géomètres OLG		
Malaysia Association of Authorised Land Surveyors Malaysia AALSM		
Malta The Malta Institution of Surveyors		
^{*)} Mexico Colegio de Ingenieros Topógrafos A.C. CITAC		
Mongolia Mongolian Association of Geodesy and Cartography MAGaC		
Morocco Ordre National des Ingénieurs Géomètres-Topographes ONIGT		
^{**)} Nepal Nepal Institution of Chartered Surveyors		
Netherlands Geo-informatie Nederland GIN		
New Zealand New Zealand Institute of Surveyors NZIS		
Niger Association des Géomètres Experts du Niger AGEN		
Nigeria Nigerian Institution of Surveyors NIS		

Nigeria The Nigerian Institute of Quantity Surveyors NIQS		
Norway Norges Jordskifte kandidatforening NJKF, faglig gruppe af NIF and GeoForum		
Palestinian Authority Licensed Surveyors Association in Palestine		
Papua New Guinea Association of Surveyors of Papua New Guinea ASPGN		
Philippines Geodetic Engineers of the Philippines, Inc.		
Poland Stowarzyszenie Geodetow Polskich SGP Association of Polish Surveyors		
Portugal Ordem dos Engenheiros, Colégio de Engenharia Geografica ORDENG Order of Engineers - College of Geographical Engineering		
Puerto Rico, USA Colegio de Ingenieros y Agrimensores de Puerto Rico CIAPR College of Engineers and Land Surveyors of Puerto Rico		
Romania Union of Romanian Geodesy		
Romania Romanian Association of Private Surveyors APCGCR		
Russian Federation Federal Service of State Registration, Cadastre and Cartography (Rosreestr)		
Republic of Serbia Union of Surveying Engineers of Serbia		
Slovak Republic Slovak Union of Surveyors and Cartographers		
Slovak Republic Chamber of Surveyors and Cartographers KGK		
Slovenia Association of Surveyors of Slovenia ZGS		
South Africa South African Council for Professional and Technical Surveyors PLATO		
Spain Colegio Oficial de Ingenieros Técnicos en Topografía		
Sri Lanka Surveyors' Institute of Sri Lanka		
Sweden Association for Chartered Surveying, Property Evaluation and Transactions - ASPECT		
Switzerland geosuisse - Swiss Society of Geomatics and Landmanagement		
Syria Order of Syrian Engineers and Architects OSEA		
Tanzania Institution of Surveyors of Tanzania IST		
Togo Ordre des Géomètres du Togo OGT		
Trinidad and Tobago Institute of Surveyors of Trinidad and Tobago		
Tunisia Association Nationale des Ingenieurs Géomètres-Experts Tunisiens ANIGET		
Turkey TMMOB Chamber of Surveying Engineers of Turkey		
Ukraine Ukrainian Society of Geodesy and Cartography		
United Kingdom The Royal Institution of Chartered Surveyors RICS		
United Kingdom Chartered Institution of Civil Engineering Surveyors ICES		
United States of America. American Congress on Surveying and Mapping ACSM		
United States of America The Appraisal Institute AI		
*) Uruguay Asociacion de Agrimensores del Uruguay		

Vietnam Association of Geodesy, Cartography and Remote Sensing VGCR		
Zimbabwe Survey Institute of Zimbabwe SIZ		
*) to be expelled 11 April 2010 if membership fees are still in arrears 11 April 2010 **) membership to be decided by the General Assembly 16 April 2010	/103	/99
<u>AFFILIATES</u>		
Afghanistan (Afghan Land Consulting Organization, ALCO)		
Australia and New Zealand (ANZLIC)		
Belgium (General Administration of the Patrimonial Documentation)		
Brunei Darussalam (Survey Department)		
Cambodia (Ministry of Land Management, Urban Planning and Construction)		
Chile (Servicio Hidrográfico y Oceanográfico de la Armada de Chile)		
Colombia (Instituto Geográfico Agustín Codazzi, IGAC)		
Denmark (National Survey and Cadastre, Denmark)		
Finland (National Land Survey of Finland)		
Hungary (Institute of Geodesy, Cartography and Remote Sensing, FÖMI)		
Iceland (The Land Registry of Iceland)		
Iran (National Cartographic Center)		
Republic of Iraq (General Directorate for Surveying, Ministry of Water Resources)		
Italy (SIFET)		
Jordan (Department of Lands & Survey)		
Lao People's Democratic Republic (National Geographic Department)		
Macedonia (FYROM) (State Authority for Geodetic Works)		
Mexico (National Institute of Statistics, Geography and Informatics, INEGI)		
Mongolia (Administration of Land Affairs, Geodesy & Cartography)		
Namibia (Office of the Surveyor General)		
Nepal (Survey Department, Government of Nepal)		
Netherlands (Cadastre, Land Registry and Mapping Agency)		
Norway (Norwegian Mapping and Cadastre Authority)		
Romania (National Agency for Cadastre and Land Administration)		
Rwanda (Ministry of Lands, Resettlement and Environment)		
Russian Federation (Siberian State Academy of Geodesy)		
Saudi Arabia, Kingdom of (Ministry of Municipal and Rural Affairs)		
Sweden (Lantmäteriet)		
Switzerland (Swiss Federal Office of Topography, swisstopo)		
Tajikistan (Agency for Land Management, Geodesy and Cartography)		
United Arab Emirates (Surveying Department, Dubai)		
USA (NOAA, National Geodetic Survey)		
	/32	/32

<u>CORRESPONDENTS</u>		
Bahrain		
Benin, Republic of		
Bhutan		
Eritrea		
Ethiopia		
Gabon		
Guyana		
India		
Lesotho		
Madagascar		
Peru		
Saint Lucia, WI		
Senegal		
Tanzania (Zanzibar)		
Thailand		
Tonga		
Tunisia		
Tuvalu		
	/18	/18
<u>ACADEMIC MEMBERS</u>		
Australia The University of Melbourne		
Australia RMIT University		
Australia University of New South Wales		
Australia University of Southern Queensland		
Australia University of Technology Sydney		
Austria BOKU, Vienna		
Bahrain Arabian Gulf University		
Belgium University of Applied Sciences Kaho Sint-Lieven		
Belgium ECAM - Haute Ecole Leonard de Vinci, Département Construction		
Belgium University of Liege, Unit of Geomatics		
Botswana University of Botswana		
Brazil UNISINOS		
Canada University of Calgary		
Canada University of New Brunswick		
Canada Université Laval		
Chile Universidad de Concepcion		
China Renmin University of China, School of Public Administration		
Colombia Universidad Distrital, Facultad de Ingenieria		
Colombia Universidad Distrital, Facultad del Medio Ambiente y Recursos Naturales		
Croatia University of Zagreb		
Czech Republic Brno University of Technology		

Denmark Aalborg University		
Egypt National Water Research Center		
Egypt National Research Institute of Astronomy & Geophysics		
Ethiopia Institute of Land Administration, Bahir Dar University		
Finland Helsinki University of Technology		
Finland EVTEK		
France Ecole Supérieure des Géomètres et Topographes		
Germany Technische Universität München		
Germany Anhalt University of Applied Sciences		
Germany University of Applied Sciences Oldenburg/Ostfriesland/ Wilhemshaven		
Germany Technische Universität Berlin		
Germany Center for Soil Protection and Land Use Policy		
Ghana University of Mines and Technology (UMaT)		
Greece National Technical University of Athens NTUA		
Greece Technological Educational Institute of Athens		
Hong Kong SAR, China The Hong Kong Polytechnic University		
Hungary University of West Hungary		
Ireland Dublin Institute of Technology		
Israel Technion – Israel Institute of Technology		
Jamaica University of Technology Jamaica		
Kenya University of Nairobi		
Latvia Riga Technical University		
Lithuania Vilnius Gediminas Technical University		
Lithuania Lithuanian University of Agriculture		
Malaysia Universiti Teknologi Malaysia, Department of Geomatics Engineering		
Mexico Universidad Autónoma de Nuevo León		
Nepal Land Management Training Centre		
Netherlands ITC International Institute for Geo-Information Science and Earth Observation		
New Zealand University of Otago		
Nigeria University of Lagos		
Nigeria Nnandi Azikiwe University		
Norway Agricultural University of Norway, Dept. of Land Use and Landscape Planning		
Norway Norwegian University of Life Sciences, Department of Mathematical Sciences and Technology		
Oceania University of the South Pacific		
Palestine Authority Palestine Polytechnic University		
Poland Agricultural University of Krakow		
Puerto Rico, USA Universidad de Puerto Rico		
Puerto Rico, USA Polytechnic University of Puerto Rico		
Romania “Dunarea de Jos” University Galati		
Romania 1 Decembrie 1918 University of Alba Iulia		

Russian Federation Moscow State University of Geodesy and Cartography, Economic and Land Management		
Russian Federation State University of Land Use Planning		
Serbia University of Novi Sad, Faculty of Technical Sciences		
Singapore National University of Singapore		
Slovenia University of Ljubljana		
South Africa University of Cape Town		
Spain Universidad Politécnica de Madrid		
Spain Universidade de Santiago de Compostela		
Spain Institut de Géomàtica, Castelldefels		
Sweden Lund University LTH		
Sweden Royal Institute of Technology		
Switzerland University of Applied Sciences Northwestern Switzerland		
Tanzania Ardhi University		
Turkey Istanbul Technical University		
United Kingdom Kingston University		
United Kingdom Oxford Brookes University		
United Kingdom Newcastle University		
United Kingdom The University of Nottingham		
United Kingdom Reading University		
United Kingdom Sheffield Hallam University		
United Kingdom The College of Estate Management		
United Kingdom University College London		
United Kingdom University of the West of England		
USA New Mexico State University		
USA Pennsylvania State University		
USA Texas A&M University – Corpus Christi		
USA University of Houston		
West Indies University of the West Indies		
	/89	/89
<u>CORPORATE MEMBERS</u>		
Platinum level		
Bentley Systems		
Environmental Systems Research Institute, Inc. (ESRI)		
Intergraph Mapping and Geospatial Solutions		
Leica Geosystems AG		
TOPCON Co		
Trimble Navigation Ltd.		
Gold level		
Sokkia Co Ltd		
Silver level		
Blom ASA		
COWI A/S		
Geoweb S.p.A.		
Grontmij nv		

Magellan Navigation		
Bronze level		
AED-SICAD Aktiengesellschaft		
Eimar Arabia Real Estate Development Co. Ltd.		
GIM International – Geomares Publishing		
IGN France International		
Mason Land Surveys Limited		
SEDIC - Sudan Engineering and Digital Information Center		
Basic level		
Derinsu Underwater Engineering Ltd.		
Geo:connexion Ltd		
GEOEXPERT		
GeoInformatics		
Geotrilho Topografia Engenharia e Projecto lda		
Institut Cartogràfic de Catalunya		
International Land Systems (ILS), Inc.		
LKN Earth Research & Consulting		
P. V. Publications Ltd		
Regional level		
Associated Surveyors (Pvt.) Ltd		
Cameroon Engineering		
Coordinates Magazine		
Al-Mutakamilah Real Estate (Cityplex)		
Galileo Instruments, Inc.		
Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH		
ORBITS Engineering Firm		
SEPRET (Société des Etudes de Projets et Réalisation des Travaux)		
	/35	/35
HONORARY PRESIDENTS		
Robert W. Foster		
Earl James		
HONORARY MEMBERS		
Ken Allred		
Ivan Katzarsky		
Jürg Kaufmann		
Stig Enemark		
Ian Williamson		
*) Pedro Cavero		
*) Helge Onsrud		
*) Paul van der Molen		
*) membership to be decided by the General Assembly 11 April 2010		

COMMISSION CHAIRS 2007-2010		
Commission 1 – Yaacoub Saade		
Commission 2 – Bela Markus		
Commission 3 – Chryssy Potsiou		
Commission 4 – Andrew Leyzack		
Commission 5 – Rudolf Staiger		
Commission 6 – Alojz Kopacik		
Commission 7 – András Osskó		
Commission 8 – Diane Dumashie		
Commission 9 – Kauko Viitanen		
Commission 10 – Andrew Morley		
PERMANENT INSTITUTIONS		
International Office of Cadastre and Land Records (OICRF)		
International Institution for the History of Surveying and Measurement, Permanent Institution of FIG		
FIG FOUNDATION – President John Hohol		
FIG COUNCIL		
President Stig Enemark		
Vice President Dalal S. Alnaggar		
Vice President Iain Greenway		
Vice President Matt Higgins		
Vice President Teo CheeHai		

INTERNATIONAL FEDERATION OF SURVEYORS

**FIG 32nd GENERAL ASSEMBLY
4 and 8 May 2009
Big Blue Hall, Dan Hotel, Eilat, Israel**

List of Items

Monday, 4 May, 09:00-12:00 and 13:30-15:00

1. OPENING PROCEEDINGS
2. ROLL CALL
3. APPOINTMENT OF TELLERS
4. ADOPTION OF THE AGENDA
5. ADOPTION OF THE MINUTES OF THE 31st GENERAL ASSEMBLY
6. MEMBERSHIP
7. PRESIDENT'S REPORT
8. CHANGES IN THE FIG COUNCIL AND RESPONSIBILITIES OF THE COUNCIL MEMBERS

9. HONORARY MEMBER
10. ELECTION OF COMMISSION CHAIR ELECT FOR COMMISSION 8 AND 10 FOR 2009-2010
11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS
12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION
13. REPORTS OF CURRENT TASK FORCES
14. NEW TASK FORCE ON SPATIALLY ENABLED SOCIETIES
15. NEW FIG AFRICA TASK FORCE 2009-2014
16. YOUNG SURVEYORS NETWORK
17. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK
18. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS
19. CHANGES TO THE FIG INTERNAL RULES
20. FIG ACCOUNTS FOR 2008 AND AUDITOR'S REPORT, AND BUDGET FOR 2009, 2010 AND 2011
21. SUBSCRIPTION RATES FOR 2010
22. ELECTION OF COMMISSION 8 CHAIR ELECT 2009-2010
23. COMMISSION REPORTS

Friday, 8 May, 9:00-11:00 - Presidents' Meeting (by invitation only)

24. PRESIDENTS' MEETING

Friday, 8 May, 11:30-12:30

25. ROLL CALL
26. MEMBERSHIP
27. REPORTS ON CO-OPERATION WITH THE FIG CORPORATE MEMBERS, FIG FOUNDATION AND YOUNG SURVEYORS NETWORK
28. DECISION ON THE VENUE OF THE FIG WORKING WEEK 2013
29. 7th FIG REGIONAL CONFERENCE IN HANOI, VIETNAM, 19-22 OCTOBER 2009
30. REPORT THE CONGRESS 2010 IN SYDNEY, AUSTRALIA, 11-16 APRIL 2010
31. PRESENTATION OF CERTIFICATES OF APPRECIATION

FIG 32nd GENERAL ASSEMBLY

MINUTES

of the meetings held in the Big Blue Hall at the Dan Eilat Hotel, Eilat, Israel
on the 4th and the 8th of May, 2009

MONDAY 4 MAY

First Session, Monday, 4 May, 09:00-12:00 and 13:30-15:00

1. OPENING PROCEEDINGS

President Stig Enemark opened the 32nd General Assembly and welcomed the members and delegates to Eilat, Israel.

Noted that several greetings and apologies were received from member associations, other members, Honorary Presidents Dr. Juha Talvitie and prof. Holger Magel and several Honorary Members who were no able to attend the General Assembly this time. Apologies were also recorded from Vice Presidents Dr. Dalal S. Alnagar and Mr. Teo CheeHai who were also unable to participate.

2. ROLL CALL

Vice President Matt Higgins took the roll call. The roll call was made only for member associations and affiliate members. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members were entered in the records based on their registrations to Mr. John Neel, the new General Manager of FIG at the meeting venue.

Recorded that based on the decision of the General Assembly in 2006 only those member associations that had paid all their membership fees to the end of 2008 are allowed to vote at the meeting. A list of member associations that are not allowed to vote was published on the FIG web site as per 30 April 2009.

Appendix to items 2 & 25: Roll Call.

37 member associations out of 99 were present at this session, which is more than one third of the membership needed for the General Assembly to be constitutionally valid. 35 member associations were allowed to vote.

Motion: That present members are recorded in the minutes.

Decision: The motion was adopted.

3. APPOINTMENT OF TELLERS

Motion: The General Assembly shall appoint two persons as tellers following the principle adopted at the 22nd General Assembly so that the tellers will represent member associations hosting the preceding (the Swedish Association of Chartered Surveyors, SLF – from 1.1.2009 ASPECT – Association for Chartered Surveying, Property Evaluation and Transactions) and the current General Assembly (the Association of Licensed Surveyors in Israel, ALSI). That the General Assembly appoints Ms. Cecilia

Lindén from ASPECT and Mr. Yoav Tal from ALSI as a teller for the two sessions of the General Assembly.

Decision: The motion was adopted.

4. ADOPTION OF THE AGENDA

Motion: That the agenda be adopted.

Decision: The motion was adopted.

5. ADOPTION OF THE MINUTES OF THE 31ST GENERAL ASSEMBLY

Minutes have been circulated previously. The Council did not have any follow-up issues rising from the minutes that needed to be discussed with the General Assembly. The members had neither raised any issues on the minutes prior the meeting.

Appendix to item 5: Minutes of the General Assembly in Stockholm, Sweden, June 2008, without appendices.

Motion: That the minutes be adopted as recorded.

Decision: The motion was adopted.

6. MEMBERSHIP

6.1 Acceptance of new members

6.1.1 Association des Géomètres Experts du Niger (AGEN)

Association des Géomètres Experts du Niger (AGEN) (Association of Niger Surveyors) has submitted an application to become a member association of FIG from Niger. The association has been constituted in January 2006 by a law on the order of surveyors. The association has currently 50 members. The application meets the criteria for membership in FIG as a member association. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.1: Membership application from the Association des Géomètres Experts du Niger (AGEN)

Motion: That the General Assembly admits the Association des Géomètres Experts du Niger (AGEN) to become a member association of FIG.

Decision: The motion was adopted.

6.2 Other membership issues

Affiliate membership

Nepal was expelled from FIG affiliate membership in Stockholm because of unpaid membership fees. After the meeting Survey Department, Government of Nepal wanted to restore the membership after changes in the structure of the Nepalese government and has paid most of the arrears. The Council has therefore restored the affiliate membership the Survey Department, Government of Nepal.

After this change the number of affiliate members is 28.

Corporate members

The Council has admitted the following three companies to become a Corporate Member of FIG:

- Magellan Navigation, USA (Corporate level C)
- REIDIN.com, United Arab Emirates (Corporate level F)
- ORBITS Engineering Firm, Saudi Arabia (Corporate level F)

The number of corporate members is now 36.

Academic members

The Council has admitted the following six universities and institutions to become an academic member:

- Institute of Land Administration, Bahir Dar University, Ethiopia
- School of Civil Engineering and Geosciences, Newcastle University, United Kingdom
- Palestine Polytechnic University, Hebron, Palestine Authority
- National Research Institute of Astronomy & Geophysics, Egypt
- Technion – Israel Institute of Technology, Mapping and Geo-Information Engineering, Israel
- Universidad Autónoma de Nuevo León, Topography Department of the Civil Engineer Institute, Mexico

The Council has decided to expel following academic members because their membership fees are more than two years in arrears. This list has been updated based on the payments and information given during the General Assembly.

- Universidad de San Carlos de Guatemala, Faculty of Agronomy, Guatemala
- Ferris State University, Surveying Engineering, USA

The number of Academic Members after these changes is 83.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted. Dr. Yerach Doytsher from Israel Institute of Technology, Mapping and Geo-Information Engineering was given the membership certificate for Technion, Israel.

7. PRESIDENT'S REPORT

The President has prepared a report on the activities of the President and the Council between the General Assembly in Stockholm and Eilat.

The President gave a presentation on the Role of FIG in contribution to professional development and the global agenda. This presentation is available on the FIG web site as a PowerPoint presentation for members to use in explaining the role of FIG to their members and partners. The presentation can be downloaded from: www.fig.net/admin/images/fig_general_president_may_2009.ppt

Appendix to item 7: President's report.

Appendix to minutes' item 7: Role of FIG in contribution to professional development and the global agenda. Handouts of the presentation given by President Stig Enemark.

Motion: That the General Assembly accepts the President's report.

Decision: The motion was adopted.

8. CHANGES IN THE FIG COUNCIL AND RESPONSIBILITIES OF THE COUNCIL MEMBERS

The General Assembly elected Mr. Iain Greenway from United Kingdom and Mr. Teo CheeHai for a Vice President of FIG for 2009-2012. At the same time the term of office of Mr. Ken Allred from Canada and Prof. Paul van der Molen from the Netherlands finished at the end of 2008.

The Council has agreed on responsibilities of the Council members after the new Vice Presidents Teo CheeHai and Iain Greenway took the office 1 January 2009. The revised list of responsibilities responds to the professional qualifications of the Council members as well as to their regional distribution.

Appendix to item 8: Responsibilities of Council members 2009-2010

Motion: That the General Assembly records it thanks to Mr. Ken Allred and Prof. Paul van der Molen for the services that they have provided for the Federation over many years as Council members. That the General Assembly further records the new Vice Presidents and records that they have received their FIG officer badge at the Council meeting in February 2009. That the General Assembly further endorses the list of responsibilities for the Council members for 2009-2010.

Decision: The motion was adopted. The General Assembly also expressed its thanks with acclamation to Mr. Ken Allred and Prof. Paul van der Molen who was present at the meeting.

9. HONORARY MEMBER

The Canadian Institute of Geomatics has proposed to the Council that Mr. Ken Allred would be awarded with the Honorary Membership of FIG. Ken Allred is an immediate past Vice President of FIG (2005-2008) and has been active in FIG for more than 25 years. In addition following contributions from Ken Allred to FIG should be mentioned:

- Commission 1 Chair 1994-1998 and Vice Chair 1990 – 1994
- Canadian delegate on FIG Commission 1 - Professional Practice from 1981 until 2005
- Member of the organizing committee for the FIG Symposium on the Decision Maker and LIS in Edmonton in 1984
- Member on the FIG Task Forces on the Exchange of Surveying Personnel; on Constituting Professional Associations; and on Cultures and Languages
- Chair of the Task Force on FIG Governance Structure
- Director of the FIG Foundation (2005-2008)
- regular attendee at FIG congresses since 1977 to which he has presented numerous papers and participated in various workshops.

Appendix to item 9: The nomination letter from the Canadian Institute of Geomatics and CV of Mr. Ken Allred.

According to the Statutes paragraph 3.1.7 an individual who has materially assisted the development and promotion of the surveying profession at the international level can be appointed as an honorary member. Nomination for this appointment shall be made by a member association or the Council, which will consider it and submit it to a vote of the General Assembly.

The Council has considered the proposal and decided to propose to the General Assembly that it appoints Mr. Ken Allred as an Honorary Member of the Federation for the outstanding services he has provided to the Federation in different positions and functions.

Mr. Daniel Roberge made a presentation on the appointment to the General Assembly on behalf of CIG.

Motion: That the General Assembly appoints Mr. Ken Allred an Honorary Member of FIG.

Decision: The General Assembly appointed Mr. Ken Allred as an Honorary Member of FIG with acclamation. Mr. Allred will be presented his badge with silver oak leaves and certificate of Honorary Membership by the CIG in Canada.

10. ELECTION OF COMMISSION CHAIR ELECT FOR COMMISSION 8 AND 10 FOR 2009-2010

According to the FIG Statutes and Internal Rules the General Assembly appoints Commission Chairs Elect at its meeting two years prior to the Congress. These Chairs Elect will then automatically become Chairs of the Commissions for the next term of office. At the meeting in Stockholm all other Chairs Elect were appointed except Commission 8 and 10.

The Council has asked for nominations for candidates to these two commissions. For Commission 8 two nominations were received:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

Appendix to item 10 and 22: Nomination templates of candidates to Commission 8 Chairs Elect for 2009-2010:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

The Council has evaluated the nominations and considers that both candidates are well qualified to chair Commission 8 in the future and thus decided to propose to the General Assembly that it makes the election between these two candidates.

At the first session of the General Assembly Prof. Paul van der Molen, GIN introduced Dr. Sliuzas and Mr. Mwenda Makathima, Chairman of ISK introduced Mr. Nabutola for the General Assembly. The election will take place at the end of the first session of the General Assembly.

As there are no nominations for Commission 10, the Council has decided that it will propose to the General Assembly in Sydney that Commission 10 will be terminated unless there will be a candidate by the end December 2009. In the case that Commission 10 will be closed, its activities will be moved to appropriate Commission(s) as to be agreed with ACCO and decided by the General Assembly.

Motion: That the General Assembly notes the presentations and decides to make the election at the end of the first session of the General Assembly on the 4th May 2009.

Decision: The motion was adopted.

11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS

11.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Prof. Paul van der Molen, Director of OICRF has prepared a report on the OICRF activities since the General Assembly in Stockholm. He made a short subsequent oral report at the General Assembly.

Appendix to item 11.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision: The motion was adopted.

11.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr. Jan de Graeve, President of the IIHSM and Mr. Jim Smith, Secretary of IIHSM have prepared a report on the IIHSM activities since the General Assembly in Stockholm.

An FIG Publication on the IIHMS and its achievements is under preparation and is expected to be launched during 2009.

Appendix to item 11.2: Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision: The motion was adopted.

12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION

Mr. John Hohol, President of the FIG Foundation has prepared a report on the FIG Foundation activities from June 2008 to February 2009. He made a subsequent oral report at the General Assembly focussing on the grants and new scholarship programme of the FIG Foundation.

The FIG Council has appointed Mr. Warwick Watkins from Australia as a new Director in the Board of Directors for 2009-2010 after Ken Allred's term of office in the Council and in the Board was concluded at the end of 2008. The new Council representative in the Board of Directors is Vice President Iain Greenway.

Appendix to item 12: Report of the FIG Foundation activities June 2008 – February 2009.

Motion: That the General Assembly adopts the report of the President of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work. That the General Assembly records its thanks to Ken Allred as Director in the FIG Foundation and endorses the appointment of Warwick Watkins as new Director for 2009-2010.

Decision: The motion was adopted.

13. REPORTS OF CURRENT TASK FORCES

At the moment FIG has two Task Forces: 1) Institutional and Organisational Development, chaired by Iain Greenway; and 2) Developing Global Land Tools for Pro Poor Land Management, chaired by Paul van der Molen (including the FIG/UN-HABITAT co-operation in Global Land Tool Network and developing Social Tenure Domain Model).

Iain Greenway has prepared a report on the progress of the Task Force on Institutional and Organisational Development. He made an oral presentation at the meeting.

Appendix to item 13: Report on the Task Force on Institutional and Organisational Development

Appendix to minutes' item 13: Handouts of Iain Greenway's presentation on the Task Force on Institutional and Organisational Development

The tasks of the Task Force on Developing Global Land Tools for Pro Poor Land Management (www.fig.net/tf/landtools/index.htm) have in fact been taken over by the President because of change in the policies of UN-HABITAT. The FIG activities with UN-HABITAT are now concentrated in the Global Land Tool Network where President Enemark is representing FIG in the International Advisory Board and in the project on Social Tenure Domain Model. The President reports on these under agenda item Co-operation with the United Nations.

Motion: That the General Assembly records the reports and its thanks to the Chairs of the Task Forces and their members.

Decision: The motion was adopted.

14. NEW TASK FORCE ON SPATIALLY ENABLED SOCIETIES

The Council has decided in February 2009 to establish a new short term Task Force with the aim to explore the issue of Spatially Enabled Societies (SES) from a cadastral and surveyor's point of view. Dr. Daniel Steudler from Switzerland has been appointed to chair this task force with following members: Dr. Abbas Rajabifard (President elect of GSDI), Kari Strande (Norway), and Teo CheeHai (Vice President, Malaysia). The results of the Task Force will be published in a report that will be launched at the FIG Congress 2010.

Dr. Daniel Steudler presented the task force at the General Assembly.

Appendix to item 14: Terms of Reference for the FIG Task Force on Spatially Enabled Societies.

Motion: That the General Assembly adopts the establishment of the FIG Task Force on Spatially Enabled Societies and endorses its terms of reference.

Decision: The motion was adopted.

15. NEW FIG AFRICA TASK FORCE 2009-2014

The Council established in February 2009 a new FIG Africa Task Force for the term of office 2009-2014. The Task Force focus is on the African Surveying Profession and how it can best contribute to meet the key challenges of poverty alleviation, economic growth, and environmental sustainability. The key purpose is to enable the surveying profession in Sub Saharan Africa to deal with social responsibility in terms of contributing to achieving the MDGs. The Council appointed Dr. Diane Dumashie, current Chair of FIG Commission 8, United Kingdom, to chair this Task Force. Members

of the Task Force will include key persons anticipated to be representatives from East, South, Central and Western African countries.

Dr. Diane Dumashie made a presentation on the Africa Task Force for the General Assembly.

Appendix to item 15: Terms of Reference for the FIG Africa Task Force.

Motion: That the General Assembly adopts the establishment of the FIG Africa Task Force for 2009-2014 and endorses its terms of reference.

Decision: The motion was adopted.

16. YOUNG SURVEYORS NETWORK

The Young Surveyors Working Group under Commission 1 has made a good progress and achieved great results at the Working Week in Stockholm in June 2008 including special programme for students and young surveyors and speed mentoring. Some of these activities were proposed to be included as permanent components in future FIG events. The Council decided in February 2009 to give the Young Surveyors Working Group a more visible role on the FIG agenda and therefore established the Young Surveyors Network. The Network would give the group more independency and recognises its cross commission nature. Formally the Network will stay as a working group under Commission 1 in the same way as the Standards Network has today. The Council also recognised that to develop the work of the Young Surveyors Network to more professional and consistent level some financial support will be needed. This can be partly arranged through the proposed special reserves in the budget, but it is equally important to get the member associations to understand their role and responsibility in this respect.

Appendix to item 16: Terms of Reference of the Young Surveyors Network.

Appendix to minutes' item 16: Handouts of Cecilia Lindén's presentation on the Young Surveyors Network

Ms. Cecilia Lindén as chair of the Young Surveyors Network made a presentation on the network activities for the General Assembly. The President expressed his wish to the member associations that they support young surveyors to participate the network and also to appoint young surveyors in the board of national associations.

Motion: That the General Assembly adopts the establishment of the Young Surveyors Network and endorses its terms of reference and the appointment of Ms. Cecilia Lindén from Sweden as the chair of the Network until the end of 2010.

Decision: The motion was adopted.

17. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

As part of the Work Plan 2007-2010 the Council has established the UN Liaison Committee – FIG Responses to the Millennium Development Goals to coordinate co-operation with the United Nations and the World Bank. The Liaison Committee is chaired by the President. The Council appointed in February 2009 Prof. Paul van der Molen, the Netherlands, as the FIG Liaison Ambassador for the United Nations for 2009-2010.

President and the Liaison Committee have prepared a report on the co-operation between FIG and the United Nations including the World Bank since the General Assembly in Stockholm.

The main issues in the co-operation with the United Nations and the World Bank during this period have been:

- Attendance to the 4th World Urban Forum organised by UN-HABITAT in Nanjing, China, 4-8 November 2008 including the meetings of the Global Land Tools Network
- Co-operation with UN FAO including the joint FIG/FAO/CNG International Symposium in Verona, Italy, 9-10 September 2008
- The Joint FIG/World Bank International Conference on Land Governance in Support of the Millennium Development Goals: Responding to New Challenges, Washington DC, USA, 9-10 March 2009
- Participation to the work of the International Committee on Global Navigation Satellite Systems (ICG)

Appendix to item 17: Report on the co-operation between FIG and the United Nations and the World Bank.

President Stig Enemark made a presentation on the United Nations activities to the General Assembly.

Motion: That the General Assembly adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to the members of the Liaison Committee and all those who have contributed to this co-operation.

Decision: The motion was adopted.

18. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting of JB-GIS in 2008 was held in conjunction to the XXI ISPRS Congress in Beijing, China in July 2008. The meeting included some fruitful information on current activities and discussions on future cooperation and collaboration between the organisations. A key issue was development of the Geographic Information Knowledge Network (GIK Network) that is a huge common project led by GSDI to serve the global geographic information community at large. The goal of this facility is to enhance communications and sharing among geospatial specialists and organisations from all nations. Another key project is about establishing an ad hoc committee on Risk and Disaster Management.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI and IFHS. Some of the partners are also working together in the Habitat Professionals Forum. President Stig Enemark has been acting as Chairperson of the Habitat Professionals Forum until the end of 2008 when the chairmanship was moved over to the President of IFHP.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards.

President Stig Enemark made a presentation on the co-operation with partner professional associations welcoming partner association representatives to the Working Week: President Orhan Altan, ISPRS, President Bas Kok, GSDI and President Henning Elmstroem, CLGE.

Motion: That the General Assembly confirms the report on the liaison with other international associations.

Decision: The motion was adopted.

19. CHANGES TO THE FIG INTERNAL RULES

The FIG General Assembly endorsed the FIG Statutes and Internal Rules in Stockholm in June 2008. After the meeting geosuisse from Switzerland has sent the Council a letter proposing two changes to the FIG internal rules related to nominations for elections. These proposals are: 1) Candidate shall decide clearly for which function he/she will apply and to omit multiple choice applications; 2) Same association should not lead more than one commission at the same time.

The Council has considered these proposals and decided to propose to the General Assembly to add a new Internal Rule 9.4 § and to change Internal Rules 11.4 § and 11.8 § that take into account the proposals of geosuisse. In addition to the geosuisse's proposal the Council decision includes a change into the Internal Rules so that it will not be possible for a current Commission Chair or Chair Elect to stand up as a candidate for the Council or other position in the Federation so that the terms of office would overlap.

Appendix to item 19: Changes to Internal Rules.

Motion: That the General Assembly approves the proposed new Internal Rule 9.4§ and proposed changes to Internal Rules 11.4 § and 11.8 §.

Decision: The motion was adopted.

20. FIG ACCOUNTS FOR 2008 AND AUDITOR'S REPORT, AND BUDGET FOR 2009, 2010 AND 2011

Vice President Iain Greenway and General Manager John Neel have prepared a report on the FIG Financial Issues. Iain Greenway will present the report to the General Assembly. This report includes summary of 2008 accounts, an updated budget for 2009 and proposals for budgets 2010-11 with notes.

The Auditors Report includes the auditors report from 2008, official accounts (income statement 2008) and balance sheet 31 December 2008.

Appendix to item 20: Report on Financial Issues (including 2008 accounts and budgets 2009-2011)

Annexes:

20A Auditor's Report, Income Statement for 2008 and Balance Sheet at 31 December 2008.

20B Financial reporting template

20C FIG Budgets 2009-2011

20D List of member associations whose membership fees are in arrears for 2008 and earlier and that are not allowed to vote was published on the FIG web site 30 April 2009.

Appendix to minutes' item 20: Handouts of Iain Greenway's presentation on finances.

In the discussion Mr. Steven Nystrom (Appraisal Institute, USA) expressed thanks to Iain Greenway for the finances and improved reporting system. He asked about the impact of the finance crises on the FIG finances in 2009. Iain Greenway confirmed that the arrears at the end of April are lower than in 2008.

Mr. Steve Jackson (ICES, United Kingdom) asked about the investment policies. It was confirmed that all investments are in cash deposits using Euro and Danish crone.

Mr. Michael Doran (RICS, United Kingdom) asked about the principles in determining bad year in subscription terms. Iain Greenway explained that the Council will consider this carefully and this is why the review will be made biennial basis.

Honorary President Robert Foster, USA expressed his thanks on the improved finance situation and reporting and raised the issue whether an internal auditing system from the General Assembly could be considered. The Council will consider this when it discusses the finance reporting system next time. At the time the official auditing system has been considered to be sufficient together with the reporting on the reserves to the General Assembly.

Motion: That the General Assembly approves following motions from the finance report:

- changes to the financial reporting template, presented as Annex 20B
- creation of general and specific reserves for FIG, as described in section 5 of the finance report (including commission reserves; office development activities; support for very poor member associations; support for Task Forces; and activities with young surveyors
- that the General Reserve will be managed by the Council in the range 90-100% of regular annual expenditure, and that Council will review this range every two years (when agreeing the work plan for each new Council, and at the mid-term review of the work plan.

That the General Assembly adopts the audited accounts for 2008 and budgets for 2009–2011.

Decision: The General Assembly adopted

1. the audited accounts for 2008 as presented;
2. changes to financial reporting template;
3. creation of general and specific reserves for FIG and their management as proposed; and
4. budgets for 2009-2011 as proposed (after confirmation of subscription rates).

21. SUBSCRIPTION RATES FOR 2010

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 4,000 members; member associations with more than 4,000 members are paying fees in accordance with a sliding scale. Membership fees have been discussed as part of the finance report, **appendix to item 20**.

The 2008 General Assembly approved membership fees for 2010 as follows:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 4,000 members.	200 EUR	136 per cent of the fee payable by an association with 4,000 members
2010	4.30 € per member up to a maximum of 4,000 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 4,000 members.	200 EUR	139 per cent of the fee payable by an association with 4,000 members (equal to 5,440 members).

The World Bank lists of the low-income economies and the lower-middle-income economies are available at:

<http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20421402~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

On consideration of the table above, and in light of comments by a number of (small and large) member associations, the Council proposes two structural changes:

- To fix the sliding maximum scale for subscriptions at 5,500 members from 2010;
- To reduce the minimum number of members used in calculating the subscription to 20, and the minimum annual subscription to €50 (whichever of the two figures is the greater). This is to address particular concerns raised by some African countries.

In addition, the Council has reflected on the size of the FIG reserve, and the current financial situation. The Council believes that the finances of the Federation are healthy enough to freeze 2010 subscriptions at 2009 levels. Recognising the impacts of the current economic situation on all members, Council therefore proposes that the General Assembly amend the subscription rates for member associations for 2010, and sets 2011 subscriptions as in the table below:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 4,000 members.	200 €	136 per cent of the fee payable by an association with 4,000 members
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (22,290 €)
2011	4.30 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (23,560 €)

The Council intends to follow the same principle of freezing 2010 subscriptions at 2009 levels when setting subscription levels for other categories of members.

The Council proposes to the General Assembly to increase membership fees for member associations for 2011 with 2.9 per cent to 4.30 € per member from 2010.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2010 and 2011:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (22,290 €)
2011	4.30 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (23,560 €)

Decision: The motion was adopted.

22. ELECTION OF COMMISSION 8 CHAIR ELECT 2009-2010

The General Assembly has listened to the presentations on the two candidates for the position of Commission 8 Chairs Elect earlier at this session. The election takes place in this session. The term of office of the elected Chair Elect will be 4.5.2009-31.12.2010. Under normal circumstances the Chair Elect will be automatically elected as Chair of his Commission for the term of office 1.1.2011-31.12.2014. According to the Internal Rules the election takes place with blind ballots.

The election takes place between following candidates:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

Appendix to item 10 and 22: Nomination templates of candidates to Commission 8 Chairs Elect for 2009-2010:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

Motion: That the General Assembly elects the Chair Elect to Commission 8.

Decision: At the election 35 votes were given. Mr. Wafula Nabutola got 24 votes and Dr. Richard Sliuzas 11 votes, so Wafula Nabutola from ISK, Kenya was appointed to Chair Elect of Commission 8 for period 4.5.2009-31.12.2010.

23. COMMISSION REPORTS

Vice President Matt Higgins, Chair of ACCO made an introduction presentation on behalf of the ACCO on the Commission activities and on results of the ACCO meeting that was held in Eilat 3 May 2009. In his presentation he raised a few questions that were discussed with the FIG members at the meeting. At the General Assembly more than one hour was reserved for a podium discussion with Commission chairs. The discussion was chaired by Matt Higgins. Each Commission presented one topic on Commission highlights and one on its future challenges.

Each Commission Chair has submitted a written report on their Commission activities since the FIG Working Week in Stockholm. These reports include progress reports of the Commission working groups. Each Commission will hold an annual or other meeting during the Working Week in Eilat.

Appendices to item 23: Commission reports:

- Commission 1
- Commission 2
- Commission 3
- Commission 4
- Commission 5
- Commission 6
- Commission 7
- Commission 8
- Commission 9
- Commission 10

Appendix to minutes' item 23: Handouts of Matt Higgins's presentation on the Commission activities.

Motion: That the General Assembly adopts the reports of the Commission chairs and records its thanks to the chairs and other officers of the Commissions for their past year's work. That the General Assembly endorses following changes in the Commission work plans and Working Groups:

- Commission 1: David Martin will take the position as Chair of the FIG Standards Network during 2009
- Commission 1: Young Surveyors Working Group will be turned to Young Surveyors Network and will be chaired by Cecilia Lindén to the end of 2010.
- Commission 9: Dieter Kertscher from Germany has taken over the chair in Working Group 9.5 – GIS-analyses in Real Estate Market Analyses and Valuation
- Commission 10: New chair is sought for Working Group 10.2 – Commercial Management

That the General Assembly records the discussion with the Commission Chairs at the ACCO podium discussion and gives the follow-up action to the Council and ACCO.

Decision: The motion was adopted.

FRIDAY 8 MAY 2009

Presidents' Meeting, Friday, 8 May, 9:00-11:00, Tarshish A, Dan Eilat Hotel

24. PRESIDENTS' MEETING

Totally 36 people attended this Presidents' Meeting out of which 28 were Presidents or leaders of delegations. At the meeting relations between member associations and FIG were discussed as well as experiences from the FIG Working Week 2009. A separate memorandum of this meeting is circulated to the participants of the meeting and to the Presidents of member associations.

Second Session, Friday, 8 May, 11:30–12:30, Big Blue, Dan Eilat Hotel

25. ROLL CALL

Vice President Matt Higgins took the roll call. The roll call was made only for member associations and affiliate members. To shorten the roll call it was made based on the list of attendees from the first session of the General Assembly. Delegates representing academic members, corporate members and

correspondents as well as honorary presidents and honorary members were entered in the records based on their registrations to John Neel, the new General Manager of FIG at the meeting venue.

Recorded that based on the decision of the General Assembly in 2006 only those member associations that had paid all their membership fees to the end of 2008 are allowed to vote at the meeting. A list of member associations that are not allowed to vote was published on the FIG web site as per 30 April 2009.

30 member associations out of 99 were present at this session.

Noted that the General Assembly has appointed Ms. Cecilia Lindén from ASPECT, Sweden and Mr. Yoav Tal from ALSI, Israel as tellers to this session of the General Assembly.

Appendix to items 2 & 25: Roll Call.

Motion: That present members are recorded in the minutes.

Decision: The motion was adopted.

26. MEMBERSHIP

The Council wants to inform the General Assembly that the list of academic members has been updated based on the information received during the week and on onsite payments. The changes have been included in the minutes.

Motion: That the General Assembly notes the situation with membership issues.

Decision: The motion was adopted.

27. REPORTS ON CO-OPERATION WITH THE FIG CORPORATE MEMBERS, FIG FOUNDATION AND YOUNG SURVEYORS NETWORK

Co-operation with the FIG Corporate Members

A traditional meeting for FIG Corporate Members was held on Wednesday 6 May. At the meeting the continuous support from the corporate members was recorded. A proposal to create a more flexible partnership model for the corporate members has been discussed and is under preparation. This will include more tailor-made and longer term options as well as increased benefits especially to platinum level corporate members.

Motion: That the General Assembly records the report and records its thanks to Peter Normann Hansen, FIG Ambassador for Corporate Members.

Decision: The motion was adopted.

FIG Foundation

President John Hohol, FIG Foundation reported on the Foundation meeting and introduced the first two scholarships that the Foundation had given to attend the Working Week in Eilat. These were given to Mr. Habtemicael Weldegiorgis, Eritrea who also made a short speech at the meeting and to Dr. Jayanta Kumar Ghosh from India.

Motion: That the General Assembly records the report.

Decision: The motion was adopted.

Young Surveyors Network

Chair Cecilia Lindén, Young Surveyors Network, made a presentation on the activities of the Young Surveyors Network.

Appendix to minutes' item 27: Handouts of Cecilia Lindén's presentation on the Young Surveyors Network.

Motion: That the General Assembly records the report.

Decision: The motion was adopted.

28. DECISION ON THE VENUE OF THE FIG WORKING WEEK 2013

According to the statutes the venue of the FIG Working Weeks and Congresses will be decided four years prior the event. For hosting the FIG Working Week 2013 the only bid received was made by the Nigerian Institution of Surveyors (NIS). NIS proposes to organise the FIG Working Week 2013 in Abuja, the capital city of Nigeria. FIG General Assembly has been organised earlier in Ibadan, Nigeria in 1976, when the PC Meeting was for the first time held in Africa.

In the NIS's bid it is stated that NIS shall be hosting the Working Week in co-operation with all FIG accredited member organisations in Nigeria. All the relevant Federal Government of Nigeria Ministries/Para-statal such as Presidency, Foreign Affairs, Transport, Housing, Tourism, Federal Capital Territory, Office of the Surveyor General of the Federation, Surveyors Council of Nigeria, Oil & Gas Multinational Companies, etc. are to partake in sponsoring the Working Week.

The Council has considered the proposal and made the conclusion the NIS is well prepared and able to host the Working Week. It is also one of the most active member associations to attend and contribute to the FIG conferences. The Council further stated that meeting and other facilities in Abuja will satisfy the needs of FIG and its meeting requirements. The Council however stated the NIS's bid requires some clarifications so that it will fit to the concept of FIG Working Weeks, and guarantees right split of responsibilities between FIG and NIS. The Council is working on these open issues, so that a preliminary agreement on the arrangements can be signed in Eilat before the final decision will be made by the General Assembly.

Mr. Alabo C. D. Charles, NIS Vice President for International Affairs will make the presentation on behalf of NIS at the meeting.

Appendix to item 28: Bid from the Nigerian Institution of Surveyors to host FIG Working Week 2013.

Appendix to minutes' item 28: Handouts of Mr. Alabo D. C. Charles's presentation on the Nigerian Institution of Surveyors bid to host FIG Working Week 2013.

Motion: That the General Assembly decides to adopt the bid from the Nigerian Institution of Surveyors to host the Working Week 2013 jointly with FIG in Abuja, Nigeria.

Decision: The motion was adopted.

29. 7th FIG REGIONAL CONFERENCE IN HANOI, VIETNAM, 19-22 OCTOBER 2009

The 7th FIG Regional Conference will be held in Hanoi, Vietnam 19-22 October 2009. It will be organised jointly by the Viet Nam Association of Geodesy, Photogrammetry and Remote Sensing and FIG. Representatives of VGCR will give the General Assembly a report on the arrangements of the Regional Conference. The conference web site: www.fig.net/vietnam.

Presentation on the 7th Regional Conference was given at the General Assembly on behalf of VGCR.

Appendix to minutes' item 29: Handouts of presentation on the 7th FIG Regional Conference in Hanoi, Vietnam, 19-22 October 2009.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

30. REPORT THE CONGRESS 2010 IN SYDNEY, AUSTRALIA, 11-16 APRIL 2010

Mr. Warwick Watkins, Surveyor General of New South Wales gave the General Assembly a report on the preparations of the next FIG Congress to be held in Sydney, Australia, 11-16 April 2010. Conference web site: www.fig2010.com.

Appendix to minutes' item 30: Handouts of Warwick Watkins's presentation on FIG 2010 in Sydney, Australia, 11-16 April 2010.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted. The President thanked Warwick Watkins for the presentation and welcomed all members to Sydney for the spectacular venue and congress.

31. PRESENTATION OF CERTIFICATES OF APPRECIATION

President Stig Enemark presented at the closing ceremony certificates of appreciation to members of the local organising committee of the XXXII FIG General Assembly and FIG Working Week 2009 and to other persons that had actively participated in the arrangements of the successful Working Week. Special thanks were recorded to the Association of Land Surveyors in Israel, ALSI and its President Joseph Kraus and to Survey of Israel and its Director General Dr. Haim Srebro, Congress Director FIG Working Week 2009.

CLOSING CEREMONY

The President formally closed the 32nd General Assembly of FIG.

At the closing ceremony the FIG banner was handed over by Mr. Joseph Kraus, President of ALSI and Dr. Haim Srebro, Conference Director to Mr. Warwick Watkins and Mr. Craig Sandy from the Organising Committee of FIG Congress 2010. The FIG Congress 2010 will be held in Sydney, Australia 11-16 April 2010.

FIG: APPLICATION FORM FOR MEMBERSHIP AS A MEMBER ASSOCIATION

1. Name of association

in own language. [Σύνδεσμος Επιστημόνων Εκτιμητών Ακινήτων Κύπρου](#)

in English (if different from above) [Cyprus Association of Property Valuers](#)

.....
2. Address. [P.O.Box 23883, 1687, Nicosia, Cyprus](#)

3. Telephone no [0035722456588](#)

4. Fax no. [0035722662484](#)

5. e-mail address committee@propertyvaluers.org.cy

Home page address. www.propertyvaluers.org.cy

6. Name of President

[Varnavas Pashoulis,](#)

[\(BSc Land Management, MBA Construction and Real Estate, PDip. Proj Man, MRICS\), Member of Cyprus Scientific and Technical Chamber \(ETEK\).](#)

7. Administration

Is the above address the address of the permanent office of the association? [Yes](#). If so, please state the name of the chief executive and the number of any other permanent staff members.

[We have no permanent staff members, but there are elections of a new Association Board every 2 years.](#)

[At present, the Association Board consists of 9 members as follows:](#)

S/N	Members of the Board	Position	Tel. No. (00357)
1.	Varnavas Pashoulis	President	99484492
2.	Charalambos Petrides	Vice President	99487060
3.	Myrto Matsis	Secretary	99631910
4.	Panos Danos	Treasurer	22317031
5.	Kyriakos Talattinis	Member	99646308
6.	Kyriakos Makrides	Member	99666564
7.	Andreas Andreou	Member	99616885
8.	Nicolas Kyriakou	Member	99514905
9.	Andonis Loizou	Member	99444583

[The Board Member, Andonis Loizou has resigned from the Board, so at present the active members are 8.](#)

8. Date of formation of Association: [Used to be one Association together with Quantity Surveyors and Land Surveyors since 1972. Now, there are three separate local associations. The Cyprus Association of Property Valuers has been established since 16/3/2007 with reg. number 2995.](#)

9. Objectives and ethics

[Please summarise on a separate sheet the objectives of the association and state whether it](#)

enforces disciplinary procedures; and enclose a copy of its constitution and rules (including, where applicable, its code of conduct).

10. Routes of entry to membership

Please provide the following information on a separate sheet

- the title held by qualified members of the association

Member of the Cyprus Association of Property Valuers. (see list of members)

- the level of academic qualification required to obtain the title

Minimum 3 years BSc in Estate Management or equivalent. Also he/she must be registered with the Cyprus Scientific and Technical Chamber (Official government body that issues the license to practice the Valuation profession in Cyprus). The majority of members are also Chartered Valuation Surveyors, but this is not a prerequisite for membership.

- whether academic training programmes to this level are available in your country (if not, please state how and where members obtain their academic training)

There are no academic training programmes in my Country to this level. The majority of members have acquired their academic qualification from UK Universities.

- what approved professional experience is required on completion of academic training and prior to acquisition of the title

No professional experience is required after registration with Cyprus Scientific and Technical Chamber. However, the Association has recommended to the Chamber to introduce the minimum of 2 years of proved practical experience from a qualified office of Licensed Valuers. The matter is pending to the House of Representatives for approval.

- what the requirements are for continuing professional development and whether this is mandatory or voluntary

It is voluntary, but the Association organizes with the RICS Cyprus Association every year a Real Estate Conference as well as short term seminars.

- if the association also admits technician or sub-professional members and, if so, the qualifications required for entry to this grade of membership

No such class exists

11. Members

No. of holders the title qualified 83 (Eighty three) active members (non active members 17) qualifying N/A

No. of technician or sub-professional members qualified No technicians are accepted qualifying . No technicians are accepted

12. Specialisations

% of qualified members whose principal specialisation is

- hydrography
- positioning/measurement
- engineering surveys
- cadastre/land management
- spatial planning/development
- valuation/real estate management 100%
- construction cost management

13. Statutory recognition

Is the association constituted by statute? YES, under the Societies and Institutions Law 1972 of Cyprus.

Please list on a separate sheet those activities undertaken by your members which are regulated by statute and state whether any or all of these can be performed only by members of your Association. If not, please state who else can acquire the title to perform any of the activities.

All property valuations. Practicing the profession of the Land Valuer by any other Association or its physical persons without being eligible and register at the Land Valuation Division of the Cyprus Scientific and Technical Chamber, under law No. 224/1990, is illegal and is a criminal offence. In addition, I would like to inform you that although the Cyprus Association of Rural and Survey Engineering is registered as a National Delegate to Commission No. 9, in Cyprus they are not allowed to practice our profession, because they do not meet the academic requirement of our profession.

14. Employment

% of qualified members

- self-employed and employed in private practice 73
- teaching
- employed by government 12
- employed in the commercial or other sectors 5

15. Subscriptions

Please state the annual subscription payable by each grade of membership

We have no grades; but qualified members under law. The subscription today is 42 EURO annually.

16. Services to members

Does the association publish a journal (if so, please state title and frequency)

No, but we regularly write articles to property magazines and property newspapers. It is in our future plans.

Please list on a separate sheet any other services that the association provides for its members.

Please send or fax to FIG office: International Federation of Surveyors, Kalvebod Brygge 31-33, DK-1780 Copenhagen V, DENMARK, E-mail: FIG@fig.net, tel. + 45 3886 1081, fax + 45 3886 0252

20 April 2009

FIG: APPLICATION FORM FOR MEMBERSHIP AS A MEMBER ASSOCIATION

1. Name of association

in own language.

in English (if different from above). *Nepal Institution of Chartered Surveyors.*

2. Address. *237, Dharma Chakra Galli,
Bagbajar, Kathamndu-31, Nepal*

3. Telephone no . *9771254181*

4. Fax no. *9774440766*

5. e-mail address. bhumap@wlink.com.np

Home page address. *Under construction*

6. Name of President . *Buddhi Narayan. Shrestha*

7. Administration

Is the above address the address of the permanent office of the association? If so, please state the name of the chief executive and the number of any other permanent staff members.

Mr. Rajendra P. Maratha.

8. Date of formation of association . *May 9, 2008*

9. Objectives and ethics

Please summarise on a separate sheet the objectives of the association and state whether it enforces disciplinary procedures; and enclose a copy of its constitution and rules (including, where applicable, its code of conduct).

The main objectives of the institution are as following:

- a) to conduct activities as per the professional ethics for protection of rights and welfare of the survey profession,*
- b) to assist to conduct survey and mapping works at the required accuracy; to GOs, NGOs, INGOs and individuals to carryout works related surveys and mapping and to improve the efficiency, cost effectiveness and accuracy; on valuation of real property; various development projects like housing, construction for planning, and evaluation of mapping activities; and in creating self employment and to increase employment programmes,*
- c) to be in preparedness to assist the country and compatriots,*
- d) to have publication after organizing conferences, workshops, seminars and research programmes,*
- e) to extend the memberships and cooperation to similar national and international organisations.*

Ethics- *It will be as Statement of Ethical Principles and Model of Code of Conduct of FIG.*

10. Routes of entry to membership

Please provide the following information on a separate sheet

the title held by qualified members of the association- *Licentiate Surveyor*

the level of academic qualification required to obtain the title- *Graduate in Surveying or equivalent and 10 years of professional experience*

whether academic training programmes to this level are available in your country (if not, please- state how and where members obtain their academic training)-*BE level education and training programmes in Land Management Training Centre*

what approved professional experience is required on completion of academic training and prior to acquisition of the title- *10 years experience*

what the requirements are for continuing professional development and whether this is mandatory or voluntary- *Voluntary*

if the association also admits technician or sub-professional members and, if so, the qualifications required for entry to this grade of membership- *It is planning to admit surveyors with 10+2 level or equivalent education in surveying as sub-professional members.*

11. Members

No. of holders the title qualified. . 27

qualifying . 37.

No. of technician or sub-professional members

qualified . .None

qualifying

12. Specialisations

% of qualified members whose principal specialisation is

hydrography . . .x

positioning/measurement .26

engineering surveys15.

cadastre/land management . .48

spatial planning/development . 7.

valuation/real estate management . . 4.

construction cost management . . . x.

13. Statutory recognition

Is the association constituted by statute? *Yes.*

Please list on a separate sheet those activities undertaken by your members which are regulated by statute and state whether any or all of these can be performed only by members of your association. If not, please state who else can acquire the title to perform any of the activities.

The licenses are issued to the licentiate surveyors to conduct the following works by Survey Dept., Govt. of Nepal through the provision of Land (Survey) Act 2019, Para 11 and Land (Survey) Byelaw 2058, Para 26:

- i) Cadastral survey and their maintenance,*
- ii) Engineering survey*
- iii) Topographical survey and mapping except base mapping and*
- iv) Thematic mapping.*

Nepal Institution of Chartered Surveyors was organized as per Organization Registration Act 2034 to carry out works more effectively, maintain the uniformity/standard to conduct scientific surveys, and protect and flourish professional rights and benefits of surveyors.,

14. Employment

% of qualified members

self-employed and employed in private practice.	15
teaching.	15.
employed by government.	44.
employed in the commercial or other sectors.	26.

15. Subscriptions

Please state the annual subscription payable by each grade of membership
NCRs 2000 (US\$25.5)

16. Services to members

Does the association publish a journal (if so, please state title and frequency)
Planned to publishes annual NICS Bulletin.

Please list on a separate sheet any other services that the association provides for its members.

Please send or fax to FIG office: International Federation of Surveyors, Kalvebod Brygge 31-33, DK-1780 Copenhagen V, DENMARK, E-mail: FIG@fig.net, tel. + 45 3886 1081, fax + 45 38860252

FIG: APPLICATION FORM FOR MEMBERSHIP AS A MEMBER ASSOCIATION

1. Name of association

in own language: ***GEODETSKO DRUŠTVO HERCEG BOSNE***

in English: ***GEODETIC ASSOCIATION OF HERCEG-BOSNIA***

2. Address : ***Stjepana Radica 3. 36000 Mostar Bosnia and Herzegovina***

3. Telephone: ***00387 36 326795***

4. Fax: ***00387 36 326795***

5. E-mail: ***gdhb@gdhb.ba***

Web site: ***www.gdhb.ba***

6. Name of President: ***Zdravko Prka***

7. Administration

Yes, Margareta Dodik, Secretary

8. Date of formation of association: ***19. 04. 1995.***

11. Members

No. of holders the title qualified: ***34(graduated geodetic engineer&geodetic engineer).***

No. of technician or sub-professional members qualified:***36.***

12. Specialisations

% of qualified members whose principal specialisation is

- hydrography
- positioning/measurement: ***10 %***
- engineering surveys: ***10%***
- cadastre/land management: ***75%***
- spatial planning/development: ***5%***
- valuation/real estate management
- construction cost management

14. Employment

% of qualified members

- self-employed and employed in private practice: **25%**.
- teaching
- employed by government: **75%**.
- employed in the commercial or other sectors

15. Subscriptions

The annual subscription for all members is 15 Euro.

16. Services to members

Yes it does. Title :“YEARBOOK“. Frequency: one time per year.

Report to the 33rd General Assembly in Sydney, Australia, 11-16 April 2010

President's Report

Introduction

This President's report is my fourth and at the same time last to the General Assembly as the FIG President even though my term of office will come to an end first at the end of December this year. This is why the overall report and evaluation of the work of our four year term of office will be delivered first at the end of 2010 and will be presented for adoption of the General Assembly in Marrakech in 2011. This report covers the period from the General Assembly in Eilat in May 2009 to the General Assembly in Sydney in April 2010.

Highlights in 2009

The Working Week in Eilat can be considered in many aspects a big success. After postponing the meeting in Israel for some years it took place in May 2009. We can now honestly say that the extra preparation time allowed the organisers to provide an outstanding conference. The participant figures exceeded the expectations that FIG and the local organisers were expecting. About 650 participants from 65 countries is a good result for a normal FIG Working Week without having a major partner. I congratulate ALSI and the Israeli surveyors for their efforts in organising this well functioned conference.

The second major event in 2009 was the 7th FIG Regional Conference in Hanoi, Vietnam that once again demonstrated that the concept of regional conferences is well functioning. It also looks that the current concept of having a regional conference every second year is quite well in balance between our resources and the requests from our member associations in the regions where we organise these events. Once again participation figure – 400 participants from more than 50 countries – in Hanoi was excellent. As part of the conference FAO organised a two-day Regional Consultation Meeting that brought to the meeting also professionals that do not normally attend FIG events.

Both conferences were well managed also in economic terms and gave FIG an income that helped us during a year that was otherwise influenced a bit by the global economic crises.

Publications

As the term of office of the Council is coming to its end it is natural that many projects are finalised for presentation at the Congress in Sydney. This results in several publications. I am very proud that during this year we will be launching more new FIG publications than ever before in the FIG history. The total number of these publications will exceed ten and several of these will be available already in Sydney.

For the FIG member associations the publications together with the events is the most visible way to show what FIG can offer for them. The publications include both policy statement and more practical guidance and ideas related to our daily business.

I would like to mention here only two reports. These are both outcome from our conferences and are closely linked to our co-operation with the United Nations. The first is “*Land Governance in Support of the Millennium Development Goals*” which is a report from the FIG/World Bank Conference that was held in Washington DC in March 2009. This report has been published jointly with the World Bank as a FIG Policy Statement (FIG Publication No. 45).

The second publication is the *Hanoi Declaration on Land Acquisition in Emerging Economies* that is the FIG response and recommendations to the issues raised in conjunction to the FIG Regional Conference in Vietnam.

I would further like to notice the valuable work that the Task Forces are doing. From the current four Task Forces the one addressing *Institutional and Organisational Development* has finished its work by launching its final report. The Task Forces on Spatially Enabled Society and on Africa are still continuing their work.

Members

As mentioned in my previous reports FIG has been lucky to get new member associations every year for a longer time. In Sydney we will have at least three more member associations joining FIG. There are some other new members in the process of preparation. The special financial reserves that were created last year has allowed for special support offers for a few member associations that were about to pull out from FIG. This small support has helped them over the critical period. We have still four member associations on the expulsion list in Sydney but I am sure that they will sort out their arrears before the meeting in Sydney. The Council has put efforts to avoid any expulsions in Sydney. This will still require some additional work with regard to affiliate and academic members.

The Council is in the process of enrolling new members through secondary membership and especially through affiliate membership. As part of this activity the third Director General Forum will take place in Sydney. I am excited to see the result of these efforts.

The Council has intensified co-operation with the Corporate Members over the last years. This has helped us to keep the major corporate members over the financial turn down of the global economy. The role of the corporate members is crucial to the work that FIG is doing. Therefore we owe special thanks especially to our platinum level corporate members.

The Council is further considering how to improve the benefits for the Academic Members and to ensure their continuing membership of FIG.

At this point I want to thank also the Danish Association of Chartered Surveyors, DdL for their continuous support to FIG by hosting FIG in Copenhagen. This support will continue also after FIG will start to pay rent for the office space from this year.

Visits

Since the Working Week in Eilat I have been happy to visit member associations and representatives in Czech Republic, France, Iran, Lebanon, Kenya, Norway, Malaysia and United Kingdom. As you are aware, reports from these visits are published at the FIG web site and announced through the FIG monthly newsletter.

I would also especially mention my visit to Nigeria where I gave the give the 27th Olumide Memorial Public Lecture in October. The visit allowed me to see Abuja, the venue for FIG Working Week 2013 and enjoy the hospitality of Nigerian surveyors. I was most amazed by the enthusiasm that our Nigerian colleagues are preparing for 2013.

Once again it has not been possible to attend all events where I or Council representatives have been invited. So in these cases I have sent a greeting or a welcome address in writing.

From the Council members Teo CheeHai has attended the national conferences in the Philippines and Thailand and Chryssy Potsiou in Turkey and Matt Higgins at the Intergeo in Germany.

I would like to express my sincere thanks to the hosts of all these visits for their kind hospitality.

Commissions

The Commissions are working very effectively both by facilitating technical programmes for the FIG conferences, by organising their own events, and through their working groups where many of these provide valuable contributions to the FIG publication series. In many ways the commission work represent the very heart of FIG through the possibility for national delegates to participate and interact in developing the various disciplines of surveying and land management. I have been able to attend personally the Commission 7 Annual Meeting and Seminar in Kuala Lumpur Malaysia just before the Regional Conference in Vietnam.

I would like to thank all Commissions that have prepared new publications on areas such as Enhancing surveying education through e-learning (Commission 2); The need for spatial information management in rapid urbanisation and mega cities (Commission 3); and in promoting cost effective GNSS positioning techniques (Commission 5). More publication are on the way for being launched in Sydney or by the handover ceremony in Copenhagen in November 2010.

Co-operation with the United Nations and international organisations

During this term of office co-operation with the United Nations has been one of the pillars of the Council Work Plan. Especially surveyors' contribution the Millennium Development Goals is a key issue. This work is directly under the President who is supported by a liaison group including also the Liaison Ambassador for the United Nations, Paul van der Molen.

The follow up of the FIG/World Bank Congress in Washington and also our contributions to the UN-HABITAT Global Land Tool Network (GLTN) have had a key priority in our action plan over the last months.

The second major UN partner over many years has been the Food and Agriculture Organization (FAO) with whom we worked in very close co-operation during the conference in Hanoi.

The co-operation with sister organisations has been organised through the Joint Board of Geospatial Information Societies where I attended the meeting held in conjunction to the GSDI Congress in Rotterdam in June 2009 and the UN Regional Cartographic Conference for Asia and Pacific in Bangkok in October 2009.

General Assembly in Sydney

In addition to many reports and statements and normal administrative issues, the most exciting issues on the General Assembly agenda in Sydney will be the elections. Election of the new FIG President is crucial for the future of the Federation, because the President in person gives the face and profile to the whole FIG. I am happy that we have three qualified candidates for the President's position. I urge you to consider carefully and listen to their presentations before making up your mind on your candidate.

The same applies naturally to the candidates for FIG Vice Presidents that will also be elected in Sydney. At both elections all candidates will be given time in the first session to present themselves and their ideas about developing the FIG agenda. The actual elections will take place in the second session.

The other issue that the members have to vote is decision on the venue of FIG Congress 2014. Once again this decision is important for FIG. Therefore the Council has put more efforts than earlier into evaluating the two excellent bids that we have received from Malaysia and Turkey. The evaluation report - including financial consequences – will be available by mid March. Please consider the evaluation report before making your decision.

The FIG office has been working to develop a quality management system for the Federation's administration. I will give a separate report on this to the General Assembly. Some unexpected changes in the office staffing have caused some extraordinary expenses for FIG over the last year. These additional salary costs indicate the vulnerability of organisation employing a small number of staff. I can however guarantee that this was a one time situation and that the FIG finances and new economic structure continues to be healthy and sustainable.

I will extend my presentation in Sydney with an interim evaluation of the results of the current FIG work plan. An overall presentation of the FIG Achievements during this term of office will take place at the first plenary session (Monday) at the Congress in Sydney.

Final remarks

To conclude my report I would like to express my thanks to member associations, other members, commission chairs, officers and delegates and to my Council members and the FIG staff. My special thanks belong also to the hosts of the FIG Working Week in Eilat and the Regional Conference in Hanoi.

I also thank SSSI and the organisers in Sydney already now for their great efforts in organising the biggest FIG congress in history based on the size of the technical programme. The congress will follow the traditional concept but with a few new aspects. These include the inclusion of a one hour slot for “flash sessions” just after lunch for paper presentations in a short format (like poster sessions). This one hour slot is also used for special invited presentations. The program also includes a special forum for invited Director Generals of Mapping and Cadastral Agencies from throughout the world. The forum will be hosted jointly by Warwick Watkins, Surveyor General of NSW and Iain Greenway, Vice President of FIG. Furthermore, we have organised a special full day seminar on “Small Island Development States and the MDGs” with invited participants from especially the Pacific Region and sponsored by AusAID, FAO and others. I would like to thank the organising team led by Dr. Diane Dumashie (Chair of Commission 8) for preparing this seminar.

Finally, we will aim to produce a FIG Declaration as an outcome of the Congress. The draft for this declaration will be tabled at the first session of the General Assembly and adopted at the second session just before closing the Congress.

Stig Enemark
FIG President

8 February 2010



*Austre Colegio Oficial de
Ingenieros Tecnicos en Topografia*

Prof. Stig Enemark
President FIG
Kalvebod Brygge 31 – 33
DK – 1780 Copenhagen V.- Denmark

Madrid, 28 December 2009.

Dear President,

By agreement of the Colegio Oficial de Ingenieros Tecnicos en Topografia Board, it is for me a great pleasure and honor to propose Prof. Pedro J. Cavero as candidate for FIG Honorary Member.

Prof. Cavero started his involvement with FIG during the Permanent Committee Meeting held in Katowice (Poland) in 1985, as member of the Spanish Delegation.

Since then he has attended most of the FIG meetings, Working Weeks and Congresses, representing our Association and, specially, in events related to Commission 2, given many papers and chairing many sessions; he participated in several task forces as member of them.

Since 1996 to 2000 was Vice-President of FIG Commission 2.

Since 2000 to 2004 was President of FIG Commission 2.

He was the organizer of the first FIG symposium organized in Spain, by 1986, with the participation of several foreign speakers. He was, as well, member of the organizing committee for the 1992 FIG Working Week held in Madrid.

He brought the Higher School of Engineers in Surveying, Geodesy and Cartography of Technical University of Madrid as Academic Member, being the first one from Spain.

Prof. Cavero has been very much involved in Latin America where he has developed a long job bringing, as FIG members, most of the today Latinamerican Professional Associations enrolled in our Federation.

He is actually "Ambassador" of FIG in Latinamerica; he continues involved working, together with several Latinamerican colleagues, in the organization of a professional and supra-national Association of Surveyors.

He represented Spain in the Comite de Liaison des Geometres Europeens (CLGE) since 1985 and has continued as such until few years ago, when, becoming President of the Spanish Association of Surveyors, had to delegate his representation to another colleagues.

Regarding our National Association he was Vice-President in two periods and President since 2003 until the end of this year.

Prof. Cavero has a long professional career where he has developed relevant works in the public and private sector, as chief of Surveying in one of the biggest companies of public works, then as civil servant in the National Geographic Institute, in the Departments of Geodesy and Photogrammetry and, since 1976, as part time Associated Professor in the Higher Technical School of Engineers in Surveying, Geodesy and Cartography, belonging to the Technical University of Madrid, where, once full time Professor, was Head of Department of Surveying Engineering and Cartography for 3 years and Head of the School for 8 years.

This Association hopes to see Prof. Cavero as Honorary Member of FIG, Institution where he has been working for so long time.

My best regards.

Prof. Andres Diez Galilea
President

International Federation of Surveyors, FIG
Attn. Markku Vilikka
Kalvebod Brygge 31-33
DK-1780 Copenhagen V
DENMARK

Datum : 22 januari 2010
Kenmerk : 205C100120hw
Onderwerp : Proposal for honorary membership Prof. Ir. Paul van der Molen

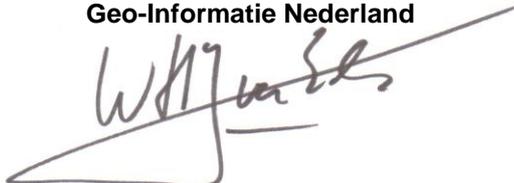
Dear Mr. Vilikka,

We would kindly propose the appointment for the honorary membership of FIG for Prof. Ir. Paul van der Molen. In the Netherlands as well as in the international land administration community Paul is known as an expert, who is always willing to spend his time and energy for improvement of the profession. He was in the board of several professional bodies like Geodesia and De Hollandse Cirkel. He has held top management positions in the Dutch Land registry and Cadaster Agency. In this position he was a great ambassador for international cooperation as well as in his position as a professor at ITC. His record of activities for FIG is extensive:

- FIG Vice President 2007-2008
- Chair of FIG Commission 7, 2003-2006
- Vice Chair of FIG Commission 7, 1999-2002
- Acting President of OICRF
- Coordinator of FIG / World Bank Conference in 2009
- Member of several FIG task forces over many years and especially co-operation with FAO and the United Nations.

We kindly request the board of FIG to take our proposal into consideration.

Best regards,
Geo-Informatie Nederland



Ing. Jan Willem van Eck MBA
Chairman



*International Federation of Surveyors
Kalvebod Brygge 31-33
DK-1780 Copenhagen V
Denmark*

Arkiv: 5131

Bergen, 10.12.2009

NOMINATION OF HELGE ONSRUD FOR HONORARY MEMBERSHIP OF FIG.

FIG Norway represented by Norges Jordskifte kandidatforening – *Norwegian association of chartered surveyors* hereby nominates Helge Onsrud for honorary membership of FIG.

Helge Onsrud has been an active contributor to FIG activities for many years.

- ✓ First of all he was chairperson of Commission 3 from 1994 to 1998, after having served as vice chairperson under Sune Anderson from 1990 to 1994
- ✓ In 1990 - 91 he was member of the FIG Task Force lead by Niels Østergaard preparing the FIG policy paper on Sustainable Development – A Challenge and Responsibility for Surveyors
- ✓ In 1999 he took an active part in preparing the “Bathurst Declaration on Land Administration for Sustainable Development”
- ✓ As a result of his involvement with the above mentioned FIG activities related to sustainable development, he was asked to chair the FIG Task Force that prepared the FIG policy document “FIG Agenda 21”, adopted in 2001
- ✓ Helge has presented papers at several FIG congresses, PC meetings and workshops, a last one at the FIG – World Bank conference on “Land Governance in Support of the Millennium Development Goals: Responding to New Challenges”, in Washington” March 2009

As a result of his active participation in FIG, Helge was becoming much involved in activities related to the transition to market economies in the countries of Eastern Europe:

- ✓ In 1996 he was elected the first chairperson of the UN ECE Working Party on Land Administration, serving in that position for four years
- ✓ In that capacity he contributed significantly to the preparation of the “UN Guidelines on Land Administration”, being recognised as a valuable reference for the development of the emerging land administration institutions in the countries of Eastern Europe

Helge was for many years member of the board of the Norwegian association of chartered surveyors, not least bringing the international aspects of the profession into conferences and

others activities of the association. In 2006 the Association nominated Helge the first “Surveyor of the Year”.

From his professional career in Norway it should be mentioned that:

- ✓ Helge was project manager for the first digital cadastre database of Norway being implemented from 1980
- ✓ He lead the Committee that prepared the New Law on the Cadastre, which will come into full force from 2010 (without introducing private licensed surveyors to Norway, which Helge was strongly promoting, but finally turned down by the Parliament)
- ✓ Since 2005 Helge has been director of the Centre for Property Rights and Development, being the unit of the Norwegian Mapping Authority (Statens kartverk) responsible for supervising Norwegian aid in the domain of land administration. In that capacity he has been initiating a number of Norwegian funded projects in countries of former Yugoslavia and recently also in countries of former Soviet Union.

To sum up, Helge has made a significant contribution to the development of the surveying profession in Norway, and in extending the professional activities of the association, individual surveyors and of Norwegian institutions to encompass and understand the much wider role of the surveying profession for social and economic development, poverty eradication and sustainable development.

Sincerely,

Leiv Bjarte Mjøs

President

Norges Jordskifte kandidatforening (NJKF) – Norwegian association of chartered surveyors

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 1 – Professional Standards and Practice

Report of Activities 2009

1. General

Commission 1 contributed to the 7th FIG Regional Conference on “*Spatial Data Serving People – Land Governance and the Environment - Building the Capacity*” in Hanoi, Vietnam, 19-22 October 2009 with some technical sessions such as *TS 1F – Professional Co-operation at Regional Level and Experiences on Promoting Professional Ethics*. Several topics are discussed including:

- Professional Co-operation in Europe
- Professional Ethics – The European Code of Conduct
- Professional Co-operation Concept for South East Asia

Commission 1 had in Hanoi an informal meeting with the chairs of working groups to discuss the new policy of Commission 1 and the future plans to activate the commission especially for the young surveyors and how to promote the regional groups and associations. The discussion including ideas how to find a way to encourage them to join FIG. As Chair of Commission 1, I still have the same message to the young surveyors “*believe that you can Fly, your new Space is the FIG space and it is so wide that you can swept your wings as your ambitions can reach and fly*”.

Commission 1 still has the plan to launch the “*Arena of Young Competencies*” – a platform where young surveyors can fly in the sky of FIG. The chair has had several meetings with responsible persons of many cultural centres and missions at the foreign embassies in Beirut (Canada, France, Sweden, Turkey, Russia, Greece and all Arab countries) to discuss how we can financially support young surveyors (minimum two from each country) to attend international symposiums and conferences, at least to the workshop that the chair is intending to organize in Beirut this summer (second half of July), with the support of the Lebanese Order of Surveyors and the Arab Union of Surveyors under the Theme “*Relating New Generations*”. It is expected that this workshop will take place this summer if the organisers will get positive replies from the embassies and depending on the situation in Lebanon at that time of the year. This will also be an option for the young surveyors from all around the world to meet their colleagues from the Arab region and exchange ideas and perspectives.

Before Hanoi, we had the First Symposium of the Arab Union of Surveyors in Beirut 30 June – 2 July 2009 with the an unexpected participation from all Arab countries (Syria, Jordan, Morocco, Algeria, Tunisia, Egypt, Kingdom of Saudi Arabia, United Arab Emirates, Qatar, Sultanate of Oman, Yemen, Bahrain, Palestine and Iraq) and some delegates from France and Switzerland (Leica).

That symposium was recognised by the presence of Prof. Stig Enmark, FIG President, who has been a great support from FIG to the Arab Union of Surveyors and given an example of how the International Federation can be the umbrella for the surveyor's profession all around the World.

As a member of the Executive Board of AUS and the Chair of Commission 1, we have included topics from all FIG Commissions under one theme "*A Unique Map for the Arab World*" for the motto of this First Symposium:

1. How to form the Professional Surveyor
2. Organizing the Profession of a Surveyor under Laws and Legislations
3. Normalization of the Map
4. The problematic related to the Toponymy
5. Regional Geodetic References
6. Cartography of Natural Phenomena
7. Land Management and Cadastre
8. The Infrastructures of Spatial Data
9. Cartographic Forms and Presentations
10. Amelioration of Laws and Legislations
11. Geographic Names and Cartography
12. GIS and the General Data Base for the Arab Specialists and Spatial Data for Investments

Commission 1 was present in the preparations for establishing the Mediterranean Union of Surveyors at its meeting held in Marrakech December 2009.

Commission 1 has also contributed to the FGF (Federation des Geometers Francophones). The chair of Commission 1 was also nominated to be a member of the Geo-Tunis scientific commission to prepare for the next event in Tunis with the aim to promote the profession and to recognise the international role of surveying and FIG.

2. Working Groups

WG 1.1 – Standards Network

Chair: Iain Greenway (United Kingdom) and David Martin

The network has submitted its own report for the General Assembly.

WG 1.2 – Young Surveyors (a Joint Working Group with Commission 2)

Chair: Miss Cecilia Lindén (Sweden)

The network has submitted its own report for the General Assembly.

WG 1.3 – Surveyors Changing Role in Society

Chair: Ms. Leonie Newnham (Australia)

Vice-chair: Prof. John Parker (Australia)

Policy issues

Discussions underway with Victorian Surveying Professionals to develop a workshop or conference to be held in conjunction with the Congress at Sydney in 2010 dealing with

surveyors changing role in society and innovation in the surveying industry.(this will take place this year in Sydney).

3. Communication

Commission 1 is planning to issue this year its e-Newsletter as a Full Report of the last past 4 years with photos and a list of all technical sessions achieved in these 4 years. We will send some hard copies to FIG and to the new Chair to keep it as Reference and continuity to the Commission's vision and perspectives.

4. Cooperation with Other Commissions

Working Group 1.2 Young Surveyors Network is a joint Working Group with Commission 2. We had discussed also with Prof Bela Markus, Chair of Commission2 to have some joint sessions and this was adopted.

4. Events

- FIG Congress 2010, Sydney, Australia, 11-16 April 2010
- Considering co-operating with Dr. Chryssy Potsiou, Chair of Commission 3 to organize a common workshop in Beirut or in Greece for building capacity and exchanging experiences and competencies between Greek and Lebanese Surveyors (this can be opened for all Mediterranean surveyors.
- The National Congress of the French Ordre des Géomètres Experts OGE, June 2010
- The AYC workshop in Lebanon – Kesrwan Beach, July 2010

Yaacoub Saade

Chair of FIG Commission 1

February 2010

Web site: www.fig.net/commission1

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 2 – Professional Education

Report of Activities 2009

1. General

The Commission 2 Work Plan 2007-2010 building on the experiences of the previous period tries to fulfil and implement the FIG Council Work Plan. Commission 2 in general aims:

- To perform needs analysis of Commission representatives and FIG Academic members
- To develop further the FIG Surveying Education Database and facilities using educational and internet standards
- To organize annual workshops on actual topics related to education and training
- To investigate the use of information and communication technology to support networked professional education
- To organise, jointly with other Commissions, Regional Summer Schools for solving problems, filling educational gaps and for building communities within young professionals.

Activities

- Workshop (WG 2.3) on **Navigating the Future of Surveying Education**, 26-28 February, Vienna, Austria
- Working Week 2009 **Surveyors Key Role in Accelerated Development**, 3-8 May, 2009 Eilat, Israel
- 7th Regional Conference **Spatial Data Serving People: Land Governance and the Environment - Building the Capacity**, 19-22 October 2009, Hanoi Vietnam
- Preparation of the FIG Congress 2010 **Facing the Challenges – Building the Capacity** 11-16 April, Sydney, Australia
- Preparation of the FIG Publication No. 47 on **Enhancing Surveying Education - through e-learning** to be published at the FIG Congress 2010 in Sydney
- Preparation of the Workshop on **New challenges in Professional Education**, 26-28 August 2010, London, UK

2. Working Groups

Working Group 2.1 – Curriculum development

Policy issues

- To support the mobility among professionals, teaching staff and students using credit transfer.
- To support the implementation of „Bologna” changes (BSc / MSc / PhD / Professional masters) and recognition.

- To facilitate the harmonization of curricula.
- To define a “core knowledge base”.
- To guarantee life-long learning with educational and training services.
- To serve the needs in the new professional challenges.
- To exchange ideas on Quality Management and Accreditation.

Chair

Prof. Bela Markus (Szekesfehervar, Hungary), email: mb@geo.info.hu

Activities

Working Week 2009: Surveyors Key Role in Accelerated Development 3-8 May, 2009 Eilat, Israel

The Working Week targeted many of the issues facing both our profession and educators in the next years. The main topics addressed by Commission 2 include the importance of changes in land surveyors education, the future directions of education to meet the challenges and opportunities, the role of surveying within the university curricula in general, outcome-based approach to teaching, learning and assessment, development of curricula and educational materials, the need of getting young people interested in surveying and geomatics, marketing of education, challenges and opportunities in learning management.

During the Working Week three technical sessions were organized by Commission 2. After the review of the abstracts, 12 presentations were accepted and presented. The main topics were: Needs of Changing Society – New Skills, Competences in Surveying, Good Educational Practices, Life-long Learning – Educational and Training Services. More information available at <http://www.fig.net/fig2009/>

7th Regional Conference: Spatial Data Serving People: Land Governance and the Environment - Building the Capacity 19-22 October 2009, Hanoi Vietnam

At the 7th Regional Conference our main focus were on “Education and training needs and responses” and “Capacity building”. During the Conference two technical sessions were organized by Commission 2. After the review of the abstracts, 8 presentations were accepted and presented on various topics (exchange programs, geomatics education: as a rising sector for value addition, building the capacities in the cadastral and land registration organizations at individual level in developing and transition countries, etc). ITC presented a Worldwide Network of Academic Partners; a Mechanism for Improving Capacity Building in Land Administration.

There was a “Roundtable on Professional Education”, where Dr. Steven Frank, chair elect Commission 2 (USA): presented his Work Plan for the period of 2011-2014. The preliminary work plan identifies four proposed working groups, each of the working groups represents an area of focus in professional surveying education.

Working Group 2.1 - Curriculum and Core Survey Knowledge

Working Group 2.2 – Learning and Teaching Methodology

Working Group 2.3 – Marketing and Management of Professional Survey Education

Working Group 2.4 – Accreditation and Quality Assurance

The ideas were discussed during the roundtable session. More information available at the conference website: <http://www.fig.net/vietnam/>

Working Group 2.2 – e-Learning

Policy issues

- To explore the movement from traditional face-to-face teaching towards an integrated learning environment, the changing role of the academic staff.
- To discuss the technical, political, legal, organisational and cultural problems of e-Learning.
- To exchange experiences on content development methods (Multimedia, CBT, Quizzes etc) and student support (Virtual Club / Library, Communication techniques, Teamwork tools).
- To identify the Educational Portal functions
- To disseminate Educational Metadata

Chair

Liza Groenendijk, ITC (Enschede, Netherlands), email: groenendijk@itc.nl

Activities

At the „Navigating the Future of Surveying Education” workshop in Vienna (February 2009), the board of working group chairs of Commission 2 decided to summarize the experiences on e-Learning in a technical report. As chair of Working Group 2.2 Liza Groenendijk was invited to guide this process and be responsible for the editing.

The technical report on e-learning intends to summarize the outcomes of symposia and workshops organised by FIG Commission 2, and aims to develop and present an FIG Policy Statement on e-learning. The intention of the report is to support FIG members and their affiliates, and the surveying public in general, in their efforts to further develop e-learning initiatives within their organisations.

The preparations for the technical report started early March 2009. A team of Commission 2 members drafted a first proposal and invited relevant e-learning specialists from universities and industry to join. The publication will be presented during the FIG Congress in 2010 in Sydney.

To facilitate the writing process a Wiki environment (<http://figpub.pbworks.com/>) was created for drafting the publication and Skype was promoted as the tool for online meetings. By the end for 2009 the draft for publication was sent to the FIG Office.

The following papers were presented during FIG events in 2009 to report on the intentions and process of developing a FIG Publication on e-learning:

- Markus, B. and L. Groenendijk (2009). E-Learning in Surveying. In: Proceedings FIG Working Week 2009. Surveyors Key Role in Accelerated Development, Eilat 3-8 May 2009. (<http://www.ortra.com/fig/>)

- Groenendijk, L. and B. Markus (2009). Towards and FIG Publication on e-Learning: Online Joint Content development. In proceedings: 7th FIG Regional Conference Spatial Data Serving People: Land Governance and the Environment - Building the Capacity, Hanoi, Vietnam, 19-22 October 2009. (<http://www.fig.net/vietnam/>)

Working Group 2.3 – Educational Management and Marketing

Policy issues

- To observe and register the new challenges of our profession respond to them.
- To survey the needs for academic members and provide required services.
- To analyse the market and respond by LLL services.
- To promote the need on CPD (Continuous Professional Development).
- To disseminate experiences in recruitment and marketing.
- To distribute know-how in Project and Quality Management.
- To encourage young surveyors (students) on their career.
- To serve ALUMNI and use its power.
- To build twinning and thematic networks.

Chair

Gert Steinkellner, BEV (Vienna, Austria), e-mail: gert.steinkellner@bev.gv.at

Activities

Workshop on **Navigating the Future of Surveying Education** 26-28 February, Vienna, Austria

Working Group 2.3 of FIG Commission 2 on Educational Management and Marketing and the Austrian Society for Surveying and Geoinformation (OVG) were organising jointly the Workshop. The venues were the lecture halls of the Federal Office of Metrology and Surveying (BEV) in the centre of the City of Vienna, Austria. Heads of Organizing Committee were Mr. Gert Steinkellner and Dr. Reinfried Mansberger.

The program consisted of keynote speakers, technical sessions, hands-on sessions, demonstrations and guided discussions. The Organisation Committee received 30 accepted contributions and 74 participants, from 20 different countries, participated actively in the various workshop sessions. 27 speakers shared their experiences in professional education on the following topics:

- Marketing of Professional Education
- Availability of Continuous Professional Development
- Educational Networks – Globalisation of Surveying Education
- Quality Assurance in Surveying Education & Training
- New Methods for Knowledge Transfer
- Scope of Competences in Professional Education

Keynote speeches were given by the President of FIG, Prof. Stig Enemark, by the ESRI Director of Education, Michael Gould, by the chair elect of FIG Commission 2, Steve Frank, and by the Rector of the University of Technology in Graz/Austria, Prof. Hans

Sünkel and by the Austrian Representative of the Bologna Follow Up Group, Gottfried Bacher.

During the conference in two short-term workshops hosted discussions on the topics

- “Students Where Are You?”, and
- “Student Today – Status & Vision”

In the first mentioned workshop the reasons for the decreasing number of students were be analysed and proper strategies for the recruitment of students and the marketing of professional surveying education were elaborated. The second one – performed by students – examined the situation of students in our professional fields and tried to outline visions for an optimised professional education. Both topics of the workshops have a high relevance in most of our countries.

The discussion topics of the “Students Where Are You?” workshop were as follows:

1. Is the surveying profession itself to unattractive for today’s young people?
2. Is the low number of surveying students the result of an insufficient and inadequate education?
3. Is the low number of surveying students the result of only a missing or none active marketing of the surveying study and/or the surveying profession?
4. How to enhance technical interest and interest especially for academic surveying education? Mustn't technical education and training begin at kindergarten/ elementary school?
5. How to encourage life long learning, project management and quality management?

The conclusions were presented during the Closing Session by Mr. Rob Mahoney.

The results of the second workshop were presented during the Closing Session, and were used during the Working Week in Eilat in the discussions generated by “Young Surveyors”.

All presentations can be found on the workshop website: <http://fig09.ovg.at/>

Working Group 2.4 – Real Estate Valuation and Management Education (Joint WG with Commission 9)

Policy Issues

Surveyors are traditionally well educated to basics of real estate legislation and markets. In the present world requirements for knowledge in real estate are expanding fast. It is not anymore possible to educate surveyors to all traditional tasks in unified programs but the programs have to have real options where students can really specialise in real estate economics. This is needed in the market (thousands of new jobs) and examples of some countries show that this kind of education is possible and also very attractive for students and markets.

Chair

Prof. Arvo Vitikainen (Helsinki, Finland), e-mail : arvo.vitikainen@tkk.fi

Co-Chair Prof. Kauko Viitanen (Helsinki, Finland), e-mail : kauko.viitanen@tkk.fi

Activities

It was our intention (at Helsinki University of Technology) at the autumn candidate seminar of the study program of the real estate economics to collect basic material for the final report of WG 2.4 Real Estate Valuation and Management Education. We meant to prepare a preliminary report for the Eilat Working Week based on these papers. Unfortunately the autumn seminar had very few participants and the topic was experienced rather difficult, so the plan did not realise.

The final report postponed to the Sydney Congress. The study will concentrate on comparing the education (real estate valuation, facilities management and land management), contents of the study programme, study entities and focuses, extent of the education (credits), number of students, teaching methods, and which different educational institutions the education is given in (which study programmes), etc.

3. Communication

Newsletters: A special edition of Commission's Newsletter supported FIG WW in Eilat and Hanoi.

Commission 2 website: In June 2007 the new website (www.geo.info.hu/fig2) was introduced.

4. Calendar of Commission 2 Events

- Workshop on Curriculum Development Scientia Est Potentia - Knowledge is power. FIG Commission 2 Symposium, 7-9 June 2007, Czech Technical University, Prague, Czech Republic Web site: <http://geoinformatics.fsv.cvut.cz/>
- Workshop on e-Learning, 11-13 June 2008, Enschede, Netherlands Web site: http://www.itc.nl/fig_earning2008/
- Workshop on Educational management and marketing, 26-28 February 2009, Vienna, Austria Web site: <http://fig09.ovg.at/>
- Workshop on New term of FIG Commission 2 – New challenges in Professional Education, 26-28 August 2010, London, UK Contact: Sharon G. Brown, University of East-London (S.G.Brown@uel.ac.uk)
The aims of this workshop are the presentation of the results of Working Groups for 2007 – 2010; discussions on the present problems of surveying education and planning actions for next term (2011-2014), which will be chaired by Steve Frank (USA).

Prof. Bela Markus
Chair of FIG Commission 2
Email: fig2@geo.info.hu

January 2010

Web site: www.fig.net/commission2

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 3 – Spatial Information Management

Report of Activities 2009

1. General

Since 2007, FIG Commission 3 has focused on spatial information for sustainable urban development. FIG Com3 delegates had agreed to:

- Activate the national delegate, the correspondent and the academic member network in order to work together, identify the needs in our common fields of interest, and exchange experience and knowledge for the common benefit
- Organize Commission 3 annual meetings and workshops focused on the specifically identified needs and topics
- Provide and certify optional peer review for authors of focused papers submitted for Commission 3 Workshops. Papers of authors not wishing peer review are equally welcome in the proceedings.

In particular, FIG Com3 has so far focused on the topic: “Rapid Urbanization and the Importance of Spatial Information in Managing Mega Cities”, and has prepared a research study on that topic by 2010. For that purpose Commission 3 has coordinated international research through

- Three specific annual Workshops focused on the following topics:
 - “*Spatial Information Management toward Legalizing Informal Urban Development*” March, 2007, Athens, Greece
 - “*Spatial Information in Environmental Management of Mega Cities*” January 2008, Valencia, Spain
 - “*Spatial Information for Management of Sustainable Urban Areas*” February 2009, Mainz, Germany
- Three Working Groups to systematically support the international research.

2. Preparation of FIG Publication No 48 “Rapid Urbanization and Mega Cities: The Need for Spatial Information Management”

The major activity of Commission 3 during the period between Eilat Working Week and Sydney Conference was the compilation of the FIG publication no 48. A series of invited presentations and papers which were presented at the workshops through an open call for papers were edited and used for deriving specific experience and knowledge for the preparation of the research study.

Working Group 3.2 continued its research in existing literature through internet research, and on-site visits to specific mega cities, interviews with decision-makers, and editing of the replies to the questionnaire. Chair of WG 3.1 continued the research on e-Government and

good practice in establishing Spatial Data Infrastructures. Unfortunately chair of WG 3.3 is no longer active and Chair Elect Prof Yerach Doytsher has kindly supervised the work of this WG.

The first draft of the research study was prepared by November 2009. The authors met together in a three-day expert group meeting in Paris, organized by the French Ordre des Géomètres Experts, to finalize the text. During the meeting experts met with planners of Ile de France region, where the new Master Plan of greater Paris (www.sdrif.com) was presented and discussed.

The final version of the study was reviewed by FIG President Prof Stig Enemark. The study addressed issues like rapid urbanization and the emerging problems that need to be managed within mega cities, city governance aspects and the need for spatial information, the state of the art of using SDIs to more efficiently manage, access and use spatial information across mega cities, and innovative uses of spatial information tools and spatial information policy constraints. The study provides conclusions and recommendations derived from experience, current trends and lessons learnt, and are available at FIG website.

3. Publication of the peer reviewed papers

Those papers that have successfully passed the peer review in the 2009 Mainz Workshop are published in the *Nordic Journal of Surveying and Real Estate, special issue vol 4 (2009)* <http://ojs.tsv.fi/index.php/njs/issue/view/473>. Peer reviewed papers of the previous workshops were published by Technika Chronika and SaLIS journals.

4. Preparation of Publication “Self-Made Cities, In search of sustainable solutions for informal settlements in the United Nations Economic Commission for Europe Region”

FIG Commission 3 has contributed to the preparation of the United Nations publication on “Self-made cities”, May 2009, ISBN 978-92-1-117005-4. This publication provides a general overview of the phenomenon of informal settlements in the European region and identifies policy responses to address these challenges. As it is acknowledged in the publication, “*papers presented at FIG Commission 3 / UNECE workshop on informal settlements in 2007 were particularly helpful in highlighting the different approaches in the region*”. The publication is available at the following web address:

<http://www.unece.org/publications/oes/SelfMadeCities.pdf>

5. Preparation of UN-HABITAT/GLTN Publication “Informal Urban Development in Europe. A case study from Albania and Greece”

Commission 3 chairperson has prepared the Global Land Tool Network (GLTN) research study “*Informal Urban Development in Europe. A case study from Albania and Greece*”. The study makes an in-depth investigation of the current informal development in two European countries with different background and history. It examines the causes, the impacts, the land administration, planning and development permitting procedures, and the tools used to formalize the situation. It provides lessons learnt and recommendations for both countries, useful to other countries facing similar problems. This publication will be published by UN-

HABITAT/GLTN as a joint publication with FIG. FIG Council has provided the expert to this project by asking Dr. Chryssy Potsiou, chair of FIG Commission 3 to undertake this study funded by GLTN.

6. Working Groups

Working Group 3.1 – e-Government for e-Citizens

Chair: Kari Strande (Norway) and Peter Laarakker (the Netherlands)

Working Group 3.2 – Spatial Data Infrastructure (SDI)

Chair: Paul Kelly (Australia) and Prof Hartmut Mueller (Germany)

Working Group 3.3 – Multi Dimensional Aspects in Spatial Information Management

Chair: M. Roic (Croatia) and supported by Vice chair of Com3 Prof Yerach Doytsher (Israel)

7. Cooperation

7.1 Cooperation with FIG member associations

- Commission 3 has established a close co-operation with the Technical Chamber of Greece, the Spanish Colegio Oficial de Ingenieros Técnicos en Topografía, and the DVW - Deutscher Verein für Vermessungswesen - Gesellschaft für Geodäsie, Geoinformation und Landmanagement, for the organization of the workshops of 2007, 2008 and 2009.
- Commission 3, through the organization of the expert group meeting in Paris, has established a close cooperation with the Ordre des Geometres Experts and has agreed to continue a joint research in future on specific issues of broad interest in the European region. The possibility of organization of the 2011 annual FIG Commission 3 Workshop in Paris is under consideration.
- Commission 3 supported the 2nd Turkish GIS Congress "GIS 2009" organized by the Turkish Chamber of Engineers and Architects (TMMOB). The theme of the congress was "NSDI and working cooperatively for a livable future". One of the main goals was to identify the issues of "real world GIS applications" and specifically the problems caused by the lack of interoperability among different parties. The resolutions of the congress show that there is an urgent need to initiate an NSDI of Turkey. The transformations of the major institutions like General Command of Mapping acting as the national mapping agency and Land Registry and Cadastre of Turkey are major tasks. The legal basis of NSDI in Turkey is in the "e-Turkey action plan", which has been set aside by the government. http://www.fig.net/news/news_2009/turkey_november_2009.htm
- Commission 3 has agreed with the Chamber of Graduated Surveyors of Bulgaria to organize a joint FIG Commission 3 and 7 Workshop on: "*Information and Land Management. A Decade after the Millennium*" in Sofia, in November 2010. The topic and the specific subtopics have been discussed with the local organizers and are published on the Commission 3 website.

7.2. Cooperation with UN agencies

- Commission 3 is closely cooperating with UNECE Working Party on Land Administration especially on the issue of Informal Settlements and managing unplanned

urban development in Europe. Through this cooperation Commission 3 has contributed to compilation of the publication *“Self-Made Cities, In search of sustainable solutions for informal settlements in the United Nations Economic Commission for Europe Region”*. Commission 3 also supported the UNECE WPLA Workshop on *“Experiences with Data Management to Improve Land Administration in ECE Countries”*, held in Sofia, Bulgaria, 23-24 April 2009. The main objective of the workshop was the presentation and discussion on the Land Administration Review of Bulgaria,

<http://www.cadastre.bg/presentations.html>

- Commission 3 is in close cooperation with UN-HABITAT. The result of this cooperation is the publication on *“Informal Urban Development in Europe. A case study from Albania and Greece”*. (To be published)

7.3. Cooperation with other FIG Commissions

FIG Commissions 3 and 7 have supported the Conference on *“Citizens Rights to Real Property”* held from 30th November to 1st of December in Chisinau, in Moldova, organized by the Agency for Land Relations and Cadastre of Republic of Moldova. The objectives of the workshop included the following: increase awareness of the role of the donor/lender in emerging economies; direct attention to the impact of the real property issues on the local economy; discuss how local political situations affect land administration projects and how negative effects can be minimised; review the best types of project from the point of view of the donor/lenders and of the clients, and examine the key factors controlling success and failure from both points of view; review how future projects in the land administration sector might be better organised. Proceedings can be found at the following address:

<http://www.4cli.org/moldova/>

8. Events

2009

- *Commission 3 Annual Meeting and Workshop on “Spatial Information for Management of Sustainable Urban Areas”* in Mainz, Germany, 2-4 February 2009
- *FIG/ World Bank Conference “Land Governance in Support of the Millennium Development Goals: Responding to New Challenges”* - Washington DC, USA 9-10 March 2009
- *UNECE WPLA Workshop on “Experiences with Data Management to Improve Land Administration in ECE Countries”*, Sofia, Bulgaria, 23-24 April 2009
- *FIG Working Week 2009*, Eilat, 3-8 May 2009
- *7th FIG Regional Conference - Spatial Data Serving People - Land Governance and the Environment - Building the Capacity*, Hanoi, Vietnam, 19-22 October 2009
- *2nd GIS National Congress in Turkey*, Izmir, Turkey, 2-6 November 2009
- *Expert Group Meeting on “Rapid Urbanization and Megacities: The need for Spatial Information Management”*, 19-22 November, Paris, France
- *Conference on “Citizens Rights to Real Property”* 30th November -1st of December, Chisinau, Moldova

2010

- *UNECE WPLA Workshop on “Efficient and Transparent Land Management in ECE Countries”*, Baku, Azerbaijan, 4-5 March 2010
- *FIG Congress 2010*, Sydney, Australia 11-16 April, 2010
- *International Land Management Symposium on “Strategies for Improving Urban – Rural Inter-Relationships, Best Practice and Regional Solutions”*, Hannover, Lower Saxony, Germany, 10-11 May 2010
- *Joint FIG Com3 and Com7 Annual Meeting and Workshop on: “Information and Land Management. A Decade after the Millennium”*, Sofia, Bulgaria, 14-17 November 2010

Dr Chryssy Potsiou

Chair of FIG Commission 3

February 2010

Website: www.fig.net/commission3

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 4 – Hydrography

Report of Activities 2009

1. General

Our participation at Working Week in Israel, the Regional Meeting in Viet Nam and the IHO Conference in Monaco helped further the work of all working groups.

Working Week, Eilat

Commission 4's annual meeting and two technical sessions were well-attended, the latter featuring a total of 9 presentations from Canada, Israel, Nigeria and the UK. Topics ranged from sea level monitoring to the measurement and monitoring of shoreline, marine cadastre and the acquisition of bathymetry and sea bed morphology from multi beam sonar. Hydrographic Education in Israel was profiled during a Commission 2 session on Good Educational Practices. Commission 4 would like to extend a special thanks to Dr. John Hall (Israel), author of The National Bathymetric Survey of Israel, Almost Completed for his lively discussion, hospitality and contributions towards Commission 4's activities in Eilat.

In keeping with our MoU with the IHO, Commission 4 has sought to engage FIG delegates, hydrographic stakeholders and agencies in countries to which there is no representation in IHO. In this regard we were able to meet with the Director General of the Survey of Israel, Dr. Haim Srebro (responsible for charting Israeli waters) who subsequently agreed to enter into dialogue with the IHO on the matter of membership.

US Hydro 2009

Although there were no specific commission activities at this meeting, Jerry Mills our US delegate reported back to us on this conference. His report can be found on the FIG website.

IHO Conference

The commission continued to support the IHO on matters pertaining to promoting Hydrography as an investment (working group on the Economic Benefits of Hydrography) and hydrographic standards and training. Mr. Gordon Johnston (UK) attended this conference on behalf of FIG and Commission 4. As an FIG representative and chair of the FIG/IHO/ICA International Advisory Board on the Standards of Competence for Hydrographic Surveyors and Nautical Cartographers, Mr. Johnston submitted proposals to the IHO Inter Regional Coordination Committee (IHO-IRCC) for adoption: That the IRCC adopt the Board's decision to drop the word "Advisory" from the Board's title; that the IRCC adopt a cost

recovery mechanism for the Board; and that the IRCC agree to the introduction of Individual Recognition System elements into the M-5 and M-8 standards.

7th Regional Meeting, Hanoi

The relevance of this meeting for Commission 4 was in-line with the scope of our work on the Administration of Marine Spaces and Capacity Building – The Economic Benefits of Hydrography. Three technical sessions were offered: Coastal Zone Issues, Economic Benefits of Hydrography and Hydrographic Capacity Building. The first session on Coastal Zone Issues focused on the measurement and mapping of oil spills in Viet Nam waters. Included was a presentation on the development of a prototype marine cadastre which in summary one would note the importance of such a system for managing marine/land rights where environmental threats appear to be a serious concern. In this situation a marine cadastre would enable Viet Nam to map and assess oil spills against specific land use rights within a spatial context, using hydrographic information for base-mapping.

The second session featured invited papers on case studies on the economic benefits of hydrography from Cameroon, Canada and Ireland including a presentation on appropriate hydrographic education. The third and final session on Hydrographic Capacity Building included a contribution from the IHO, a case study on the development of a hydrographic office in Croatia from Jeppesen Marine and focus on building capacity in small island developing states. The latter touched proposed alternatives for a “made-in-the-Caribbean” approach for the region.

A general meeting was held to discuss the proposed technical program for Sydney, the development of FLASH sessions (shortened presentations of 4-5 slides) in lieu of poster presentations, specific objectives for working group 4.1 Hydrographic Surveying in Practice and proposed final publications for all working groups. The meeting was attended by commission officers: Dr. Michael Sutherland, Dr. David Neale, Mr. Gordon Johnston, and Ms. Venessa O’Connell.

2. Working Group Reports

Working Group 4.1 – Hydrographic Surveying in Practice

The chair of this working group, Mr. John McCarthy was unable to fully carry out the proposed work plan due to other professional commitments. Given the catch-all nature of the working group’s theme, we did however manage to pull together several technical sessions at various FIG meetings.

The working group did engage the International Federation of Hydrographic Societies (IHFS) on the revision and publication of a new edition of the IFHS Special Publication 3 (SP3), entitled A Career in Hydrographic Surveying. Commission 4 was interested in seeing this publication updated as it was considered to be a valuable resource to young surveyors considering a career in hydrography. To this end, the commission was willing to offer funding and WG 4.1 was willing to assist the IHFS in the interest of getting this valuable publication updated. Apparently the IHFS have moved ahead with a new edition of the publication and have kindly declined our assistance.

The chair's ongoing contact with the IHFS was attributed to renewed interest in proceeding with a best practice document. At the Regional Meeting in Viet Nam it was decided that a guide on port hydrography would be produced.

Working Group 4.2 – Standards and Guidelines

Throughout its term the working group served as the commission's liaison with the FIG Standards Network. As part of this activity, the work group contributed to a review of ISO TC211 work items: n2397 (nwip 19130 - Imagery Sensor Models) as it applied to hydrographic applications and n2424 on Production Management.

The working group also monitored new and emerging hydrographic standards: reviewed the new edition of IHO S44, International Hydrographic Survey Standards (version 5) in 2008 and performed a partial review of the IHO's New Manual of Hydrography. Comments on the latter document were submitted to the IHO for consideration in a future edition.

The development of standards for individual recognition and occupational certification has been an ongoing. Some jurisdictions (US and Australasia) have already implemented programs and the matter has been brought to the attention of the FIG/IHO/ICA International Advisory Board on the Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IAB). Beginning with a 2006 workshop entitled "Pathways to Professionalism"; commission 4 has endorsed the concept of an occupational certification for hydrographers. The workgroup informed FIG Council of this concept and in turn the IAB was encouraged by FIG to study the matter. Further to the approval of the IHO Inter-Regional Coordination Committee (IHO-IRCC) in 2009, the IAB will introduce guidelines for individual recognition in the 2010 editions S-5 and S-8, standards for education and training.

Working Group 4.3 – Administering Marine Spaces

The working group's included academic publications by working group members, participation in Conferences and workshops and ongoing cooperation with other Commissions.

Publication of academic work related to the objectives of Commission 4.3, by members of Working Group 4.3:

1. Sutherland, M., D. Lane, Y. Zhao and W. Michalowski (2009). "A spatial model for estimating cumulative effects at aquaculture sites". In *Aquaculture Economics & Management* 13:4, 294 — 311.
2. Sutherland, M., P. Dare and K. Miller (2008). "Monitoring Sea Level Change in the Caribbean." In *Geomatica*, Vol. 62, No. 4, pp. 428-436.
3. Sutherland, M. (2008). "Laying claim to marine spaces in the Caribbean." In *The Journal of Ocean Technology*, Vol. 3, No. 1, pp. 18-23.

Members of the working group participated in the following conferences/meetings:

1. Sutherland, M. (2009). "Developing a Prototype Marine Cadastre". FIG 6th Regional Conference, Hanoi, Viet Nam, October – Oral presentation.

2. Sutherland, M. (2009). "Developing a Prototype Marine Cadastre for Chedabucto Bay, Nova Scotia". Presented at the International Federation of Surveyors' (FIG) Working Week, Eilat, Israel, May, 11 pages.
3. Sutherland, M. (2009). "The environmental benefits of hydrography". Presented at the Nigerian World Hydrography Day Celebrations, Abuja, Nigeria, 22nd June – Invited Speaker.
4. Sutherland, M. (2008). "Spatial information support for climate change adaptation and mitigation: some Canadian experiences". Presented at the CASLE Workshop on Risk Assessment for Climate Change, University of the West Indies, St. Augustine, Trinidad and Tobago, June – Invited Speaker.
5. Sutherland, M. (2007). "Coastal zone management as strategy for pro-poor land management and administration". Presented at the 6th FIG Regional Conference, San Jose, Costa Rica, November – Plenary Speaker.

In 2008 Commission 4.3 collaborated with other Commissions in the publication of FIG Publication No. 43, *The Costa Rica Declaration*. Commission 4.3 is working in conjunction with Commission 8 to publish a FIG document on coastal zone issues in relation to coastal communities. The publication is earmarked for release at the FIG Congress in Sydney, Australia.

Projects:

- The Chair of Working Group 4.3 is part of a project that has received CAD\$990K approx. in funding for a 5-year period to do research on developing mitigation and adaptation strategies to deal with the effects of climate change on coastal communities in the Caribbean and Canada. Hydrographic and GIS Geomatics are part of the project. The project is being executed by researchers from the University of New Brunswick, University of Ottawa and the University of the West Indies. Outcomes from this project informed [and will inform] activities of the Working Group.
- The Chair of Working Group 4.3 was part of a project with the University of New Brunswick that developed a prototype marine cadastre. Outcomes from this project informed activities of the Working Group.

Working Group 4.4 – Capacity Building and the Economic Benefits of Hydrography

From the outset the concept was to develop links between Hydrography and the benefits of having good quality up to date Hydrographic data, charts and coverage. Initially there was a definite lack of publications, papers and articles that made the link and so the initial plan was to generate papers to promote the concept. In 2007 and 2008 a number of papers were written and delivered at FIG events including the Working Week in Hong Kong and the Regional meeting in Costa Rica. At this time it became clear that simply publishing some papers in proceedings would not be sufficient and so aim for a full FIG publication that would cover the topic and include a number of the papers and presentations in a compilation booklet.

At the time of writing this report, this final phase is now underway with the papers and articles having been reviewed again for their possible use in an FIG publication. It is the aim of the WG to complete this phase in the next few weeks and to then submit a final draft for acceptance.

3. Communication

Commission 4 Newsletter

Five newsletters were published in Hydro International and the publisher continued to provide a free subscription to all Commission 4 delegates.

Mr. **Andrew Leyzack**
Chair of Commission 4
January 2010

Web site: www.fig.net/commission4

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 5 – Positioning and Measurement

Report of Activities 2009

1. General

In 2009 Commission 5 – Position and Measurement has effectively used FIG events or symposia and our existing relationship with sister or like organisations to fulfil the objectives of our work plan and the needs of members. The focus on spaced based measuring techniques such as GNSS observations or satellite imagery continues to expand into non traditional surveying applications. For example, positioning and geodetic systems that were once specific for land administration are now emerging as integral infrastructure for other industries such as machine guidance, asset and resource supervision, and disaster management. There was also a renewed vigour and interest into global observing systems to assist with the monitoring and measurement of the earth's dynamics and the changes that are occurring as a result global movement.

Although these were popular topics in 2009, the technical fundamentals of positioning and measurement such as instrument calibration, network adjustments, standards / best practice guidelines, transformations, and new observing or processing techniques were also prevalent themes at Commission 5 related conferences or workshops.

2. Working Groups

WG 5.1 – Standards, Quality Assurance and Calibration

Chaired by David Martin

- Working Group 5.1 was active at the FIG Regional Conference in Hanoi, Vietnam. One session was dedicated to GNSS CORS Infrastructure and Standards.
- Discussions regarding the pertinence of FIG publication No. 9 Recommended Procedures for Routine Checks of Electro-Optical Distance Meters (EDM). FIG Guide, 1994 are ongoing. An effort will be made to re-edit this document after the revision of ISO 17123-4 Electro-optical distance meters (EDM instruments). This will started at the end of this year till completion.
- Two other standards, ISO 12858-2:1999 (version 2) Optics and optical instruments -- Ancillary devices for geodetic instruments -- Part 2: Tripods, and ISO 12858-1:1999 Optics and optical instruments -- Ancillary devices for geodetic instruments -- Part 1: Invar levelling staffs, are under an ISO systematic review.

WG 5.2 – Reference Frame in Practice

Chaired by Mikael Lilje

- Working Group 5.2 has been active at the FIG Working Week in Eilat, Israel as well as at the FIG Regional Conference in Hanoi, Vietnam. Together with Working Group 5.4, sessions about GNSS CORS networks were successfully facilitated at both events. The session covered basics, research topics as well as case studies. Also other sessions within the topic of the working group were organised.
- At the FIG Regional Conference in Hanoi the co-operation in South-East Asia and the Pacific region (which includes Australia and New Zealand) for a common Reference Frame was highlighted with several sessions including a panel discussion.
- The webpage has been updated with more information concerning national or regional CORS networks. The new presentations have used the CORS template that was developed for Stockholm as a basis.

WG 5.3 – Integrated Positioning, Navigation and mapping Systems

Co-chaired by Andrew Hunter and Naser El-Sheimy

- Working Group 5.3 participated in the 6th International Symposium on Mobile Mapping Technology, which was held in July 2009 at the São Paulo State University, Brazil.

WG 5.4 – Global Navigation Satellite Systems

Chaired by Volker Schwieger

- Working Group 5.4 was very active at the Working Week in Eilat, Israel as well as at the Regional Conference in Hanoi, Vietnam. Sessions about GNSS CORS networks were successfully facilitated in partnership with Working Group 5.2 “Geodetic Reference Frames in Practice”. The session covered basics, research topics as well as case studies.
- Schwieger, Lilje and Sarib presented a paper in Hanoi that was also the “FIG Article of the month” in December, 2009. The paper has the title “GNSS CORS - Reference Frames and Services”
- At the two main FIG Commission 5 symposiums in 2009, numerous sessions concerning Engineering Applications of GNSS were jointly convened with Commission 6. Additionally many presentations and papers regarding advances and applications in the GNSS domain were given and followed enthusiastically by the auditors.
- The work on a “Report on possibilities of cost-effective GNSS techniques for developing countries” is ongoing. It will be finished in time for the FIG Congress in Sydney 2010.
- Working Group 5.4 supported German Aerospace Centre (DLR) to acquire kinematic GPS tracks that will be used to evaluate the TanDEM-X digital elevation model. To date the first tracks have been acquired and have been successfully evaluated. The work is ongoing. First results were presented on the Regional Conference in Hanoi. The next report will be given in Sydney, Australia at the FIG Congress.

3. Cooperation

3.1 Cooperation with Other Commissions

In 2009, Commission 5 continued to work with Commission 4 and 6 on topics relating to deformation measurement, calibration of instruments, long range measurement, satellite and terrestrial imagery measuring techniques (in particular laser scanning) and vertical datum / reference frame issues for hydrography.

3.2 Cooperation with Sister Organisations

The Commission 5 Steering Committee made significant progress in 2009 to *consolidate and improve* our relationship with various sister or like organisations such as the International Association of Geodesy (IAG), Institution of Navigation (ION) and the Permanent Committee for GIS Infrastructure Asia-Pacific (PCGIAP). This was achieved by attending each other's symposia and having joint technical sessions on common issues or topics.

Mikael Lilje (Chair Elect of Commission 5) represented not only the Commission but also FIG at the ION International Technical Meeting in Anaheim, 26-28 January 2009. At this event he presented information to the ION officials on the role of FIG and how FIG / ION can enhance co-operation. Several meetings were also held to discuss participation in 6th International Symposium on Mobile Mapping Technology (Brazil) and our Regional Conference in Hanoi.

In August - September both Mikael Lilje and Rob Sarib participated in the IAG Scientific Assembly "Geodesy for Planet Earth" that was held in Buenos Aires, Argentina. At this event there were 2 technical sessions on 'Positioning and Applications' that were co-sponsored by FIG, ION and ISPRS. Mikael and Rob were also invited to attend and contribute to several IAG meetings with the IAG Executive and also Commissions that deal with 'GGOS', reference frames, positioning and applications. There were many noteworthy achievements from their attendance and for a full report refer to website:

http://www.fig.net/news/news_2009/buenos_aires_august_2009/iag_report_full.pdf.

At the FIG Regional Conference in Hanoi, Commission 5 in conjunction with the IAG and PCGIAP facilitated numerous technical sessions relating to the Asia and the Pacific Reference Frame (APREF) initiative. Representatives from these organisations, namely Dr John Dawson, Prof Chris Rizos, and Mr Steve Fisher, were active participants, and with valuable input from regional delegates made these forums a highlight.

3.2 Cooperation with UN

The International Committee on Global Navigation Satellite Systems (ICG), met in St Petersburg in Russia, 14-18 September 2009. Vice President Matt Higgins attended representing FIG and Commission 5. The ICG was formed several years ago as a result of recommendations of the UN Committee on the Peaceful Use of Outer Space (COPUOS). At this meeting reports were given on the status of major GNSS sub-systems and the activities of task forces on geodetic and timing references.

Also Vice President Higgins convened an ICG WG 4 workshop on GNSS Compatibility and Interoperability at the International GNSS Symposium held on the Gold Coast, December 2009.

4. Events

2009

A summary of the Commission 5 activities at events in 2009 can be found on our website <http://www.fig.net/commission5/index.htm>, however the highlights were:

- Vice President Matt Higgins attendance to the FIG - World Bank Conference, Washington D.C., 9-10 March 2009. At this event he presented on the topic “Positioning Infrastructures for Sustainable Land Governance”.
- Working Week held in Eilat, Israel (May 2009). There were 12 Commission 5 related technical sessions, and this comprised of 44 related technical papers and posters, including 5 peer reviewed papers. The papers address significant regional issues such as vertical reference frame and a variety of positioning techniques. There was also a Plenary Session for the technical FIG Commissions and our Chair Rudolf Staiger was the highlight presentation - “Push the button – or does the art of measurement still exist”. A full report from this technical event can be found at web site:
http://www.fig.net/commission5/reports/com_5_eilat_rep2009.pdf
- South East Asia Survey Congress in Bali, Indonesia (August 2009) – Vice President Matt Higgins and Rob Sarib attended this conference as FIG and Commission 5 representatives. Vice President Higgins gave a keynote address titled “Facing the Challenges Building the Capacity - Setting the Scene for the FIG Congress – Sydney 2010”, whilst Mr Sarib chaired technical sessions.
- Chair of Commission 5 Rudolf Staiger attended INTERGEO 2009 in Karlsruhe, Germany (September 2009). Like in the years before INTERGEO was the worldwide largest tradeshow regarding surveying equipment. From the FIG point of view it is interesting to note that this event is becoming more and more an international one. Our president Stig Enemark has accepted an invitation for a keynote speech at the INTERGEO 2010 in Cologne.
- Regional Conference Hanoi, Vietnam (October 2009) – This event attracted over 450 delegates from 40 different countries. It consisted of three plenary sessions, over 40 technical sessions which comprised of almost 200 technical papers or presentations. Commission 5 were involved in facilitating 11 technical sessions that were related to modern survey infrastructure and how they assist the land governance and building capacity. A full report from this technical event can be found at web site:
http://www.fig.net/commission5/reports/comm_5_hanoi_2009_report.pdf

2010

In 2010 Commission 5 will endeavour to send representatives to the following conferences however from a Commission 5 Steering Committee perspective we will be focussing our attention on the XXIV FIG International Congress and XXXIII General Assembly - Facing the Challenges - Building the Capacity, 11-16 April, Sydney, Australia, www.fig2010.com.

Other major activities in 2010 include:

- 9-11 March, Bonn, Germany
2nd International Conference on Machine Control & Guidance. Co-sponsored by FIG Commission 5 and 6. Web site: www.mcg.uni-bonn.de
- 10-13 July, San Diego, CA, USA
The 2010 Survey & Engineering GIS Summit. Organised as part of the ESRI User Conference. Co-sponsored by FIG. Web site: www.esri.com/events/survey/index.html
- 13 -17 September, Hamburg Germany
Workshop on Accelerator Alignment will be held at DESY.
- 15-17 September, Zurich, Switzerland
2010 International Conference on Indoor Positioning and Indoor Navigation (IPIN). Co-sponsored by FIG Commission 5. Web site: <http://www.ipin.ethz.ch>

5. Communication and Publications

Commission 5 have issued numerous reports and periodic newsletters to our delegates. These can be found on the website <http://www.fig.net/commission5/index.htm> .

Rudolf Staiger

Chair of FIG Commission 5
January 2010

Web site: www.fig.net/commission5

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 6 – Engineering Surveys

Report of Activities 2009

1. General

The field of interest of Commission 6 are traditional the acquisition, processing and management of topometric data and all related information throughout the life cycle of a project (at construction site), quality control and validation for civil engineering constructions and manufacturing of large objects, modern concepts for setting-out and machine guidance, deformation monitoring, analysis and interpretation, measurement of dynamic loaded structures (general), prediction of deformation and movements in engineering projects, mines and areas of geological hazard, automatic measuring systems, construction and industry and multi-sensor measuring systems, terrestrial laser systems, their usage in architecture, civil engineering and industry and standards related to the construction and deformation measurement.

The Commission 6 activities were started with creation of the Working Plan for 2007-2010 and the new Commission 6 team build by WG Chairs and Co-Chairs. Starting the new period, joint these positions 6 new colleagues, former Commission 6 delegates and members. The main topics of the Commission are covered in the former period by five WGs, which structure was completed by the sixth WG oriented for terrestrial laser scanning.

2. Working Groups

WG6.1 – Deformation Measurement and Analysis

Chair: Adam Chrzanowski (Canada); Vice-chair: Cecilia Whitaker (USA)

WG activities are focused on the automation of monitoring surveys, enhancement of geometrical modelling of deformations from integrated deformation surveys, physical interpretation of deformations including numerical modelling and prediction of deformations and back analysis. A main objective of this WG is to propose or improve techniques to analyze historical geodetic data in comparison with modern ones, mostly GNSS-based. This is expected to permit:

- to extend the geodetic information on crustal deformation in larger time and space scales; especially to compare data collected after a certain event (for instance an earthquake) with those collected before it in areas not covered yet by extensive GPS networks.
- to examine whether the pattern of crustal deformation derived from longer term data (tens to hundreds of years) differs from the short-term one, derived mainly from modern, usually satellite data. This investigation is not limited to tectonic and seismic effects (especially the local earthquake cycle) but extends also to volcanic effects and to rather

surficial effects (for instance synsedimentary faulting in young deposits, sediment consolidation, etc).

The results obtained were presented in several meetings in Greece, Germany, France, Italy, and Turkey also IUGG and IAG Symposiums.

WG6.2 – Engineering Surveys for Industry and Research

Chair: Thomas Wunderlich (Germany); Vice-chair: Peter Kyrinovic (Slovakia)

The main goal of WG activity is to provide the specialists involved in that kind of missions with the latest state of the art concerning the use of adapted survey techniques in industry & engineering, multidisciplinary collaboration between survey engineers, civil engineers, structural & mechanical engineers, R&D scientists - for a better approach of complex engineering survey problems, specific algorithms, instrumentation, equipment and techniques in engineering surveys, high precision measurements and special techniques for the large scale metrology of big equipment or structures, integration of survey & alignment sensors with actuators and/or tools for on-line monitoring and control of a given process (dynamic systems).

WG6.3 – Engineering Survey Data Bases and Facility Management

Chair: Lothar Gründig (Germany); Vice-chair: Vladimir Sereдович (Russia)

WG activity is focusing on the role of the surveying engineer as the responsible manager of spatially referenced information, support for the co-ordination of the activities of other disciplines, building concepts of data models for the mapping of relevant 4D or 5D project data, covering 3D geometry, time, and descriptive attributes, exchange, provision and presentation of facility management data in computer networks, data integration for this subject, taking into accounts the presence of redundant data and different sources of information and automation and combination of feasible data acquisition techniques.

WG6.4 – Engineering Surveys for Construction Works and Structural Engineering

Chair: Gethin Wyn Roberts (UK); Vice-chair: Joël van Cranenbroek (Belgium)

The WG is promoting the use of adapted survey techniques in industry & engineering, promoting a multidisciplinary collaboration between survey engineers, civil engineers, structural & mechanical engineers, promoting the understanding of fibre optic sensors, e.g. interferometric sensors, study the use of embedded sensor arrays and the role of advanced surveying techniques for structural monitoring, creating an awareness of surveyors through a task force 'Fibre optic sensors' of the rapidly emerging technology of fibre optic sensors as "non-geodetic" sensors to measure deformations (strain) and temperatures in civil engineering structures.

WG6.5 – Terrestrial Laser Scanners – joint WG with FIG C5

Chair: Maria Tsakiri (Greece); Vice-chair: Rudolf Staiger (Germany);

WG is promoting the usage of laser scanning for geometric documentation in a variety of environments, particularly high risk and environments which benefit of remote measurements (e.g. structures, slopes, underground surveys, structural deformations of cultural heritage

monuments), investigate existing and developing terrestrial laser scanner instrumentation for engineering applications, evaluate and compare algorithms for processing terrestrial laser scanner data (e.g. registration, surface modelling, etc.), investigate and document metrological and quality control issues for laser scanning measurements, investigate the integration of laser scanning measurements with other measuring techniques, such as conventional geodetic systems and photogrammetric techniques.

The special and actual topics in focus of Com 6 were covered by six Study Groups. Their activities were oriented to:

- SG 1 'Continuum Mechanics as a Support for Deformation Monitoring, Analysis and Interpretation', chaired by Anna Szostak-Chrzanowski (Canada)
- SG 2 'Optimal Use of Interferometric Synthetic Aperture Radar (InSAR)', chaired by Linlin Ge (Australia)
- SG 3 'Crustal Deformation', chaired by Stathis Stiros (Greece)
- SG 4 'Monitoring and Analysis of Cyclic Deformations and Structural Vibrations', chaired by Gethin Wyn Roberts (UK)
- SG 5 'Fibre Optic Sensors', chaired by Helmut Woshitz (Austria)
- SG 6 'Terrestrial-Based RF Positioning Technologies', chaired by Joel Barns (Australia)

3. Events in 2009

During the year 2009 were planned and organised many events by the Commission 6 WGs and their members.

The **8th Conference on Optical 3D Measurement Techniques**, 1-3 July 2009, held in Vienna (Austria) is well known between the engineering surveying community and were attended by high number of participants. Traditionally is focused to surveying, geodesy, machine-, computer- and robot- vision, spatial information systems from a variety of working areas (universities, industry, government) to discuss recent scientific and technical advancements and applications for optical static and kinematic 3D measurement techniques. The last conference were devoted to step-motor-driven and servo-controlled electronic theodolites and total stations, high resolution, low cost and smart digital cameras, capabilities for very fast or even real-time processing, visualization, animation and VR techniques are some developments leading to new procedures in photogrammetry and surveying.

FIG Commissions 5 (Positioning and Measurement) and 6 (Engineering Surveys) together with the Siberian State Academy of Geodesy (SSGA) organised a **Workshop on “Innovative Technologies for an Efficient Geospatial Management of Earth Resources”** on Lake Baikal in the settlement of Listvyanka, Russian Federation 23-30 July 2009. The conference were attended by more than 50 participants around the world.

Traditional are organised by FIG C5 and C6 and commission for Engineering Surveying and Photogrammetry of the German DVW the **seminar for Terrestrial Laser Scanning**, which was held in Fulda, 19-20 November 2009. This seminar serves to show the stage of development of the sensors, processing as well as application, furthermore a view of future developments (www.laserscanning.org).

Commission 6 was represented at the **FIG Working Week** in Eilat (Israel) by 6 sessions devoted to deformation and land slide monitoring and special engineering applications. It was organised 3 joint TSs of Commission 6 and Commission 5 devoted to terrestrial laser scanning, LIDAR and network and data analysis. Two TSs are organised in cooperation with ISM and ISPRS. Traditional annual meeting of the commission was held during the WW, during this were discussed actual topics of deformation monitoring, analysis and interpretation using continuum mechanics, monitoring and analysis of crustal deformations, optimal use of InSAR technology, terrestrial-based RF positioning technologies, methods and equipment of terrestrial laser scanning for engineering surveying procedures, analysis of cyclic deformations and structural vibrations, monitoring of dynamic loaded structures, application of automatic measuring systems multidisciplinary expertise and co-operation, which lead to integrated survey methods and systems.

Commission 6 participated in the **FIG Regional Conference** in Hanoi held 19-22 October 2009 by 10 TSs in cooperation with Commission 5, 3 and 8. The discussed topics are disaster risk management, GNSS application, mapping, areal surveying and remote sensing, Vision technology usage for monitoring also sensors and data processing in engineering surveying.

4. Co-operation with international associations

According to the increasing co-operation between FIG and other professional organisations many of the WG and SG members are active in different ISPRS, ISM and IAG commissions.

Papers and presentations were prepared for the joint organised conference in Vienna. The 8th Conference on Optical 3D Measurement Techniques is traditionally organised by ISPRS together with the FIG and last years also IAG.

100 Years ISPRS Centenary Celebrations including ISPRS TC VII Symposium “100 Years ISPRS - Advancing Remote Sensing Science” will held 5-7 July 2010 in Vienna (web site: www.isprs100vienna.org).

5. Future events

The Commission 6 members are traditionally active in preparation and organisation of many conferences and seminars. For the year 2010 are prepared follow events:

International Course for Engineering Surveying, held in Munich (Germany), 23-27 February 2010. At the 16th International Course on Engineering Surveying (IVK) in Munich, are prepared by the WG6.2 members the bridge monitoring, sensor system development, dynamic systems and data analysis, machine guidance together with documentation and ppt-scripts for participants. These activities are chaired by Th. Wunderlich (Germany). Block of presentations to the topic fibre optic sensors and their usage in civil engineering structure monitoring were prepared by SG5 members, chaired by H. Woshitz (Austria) - <http://www.iv2010.bv.tum.de/>.

In Novosibirsk (Russia) will take place the 4th International Exhibition and Scientific Congress GEO-SIBERIA 2010, which is organised by the Siberian State Geodetic Academy.

This is co-sponsored by FIG C6, namely by WG6.4 (<http://geosiberia.sibfair.ru/eng/>).

The **2nd International Conference on Machine Control & Guidance** prepared by Uni Bonn (Germany) will be held 9-11 March 2010, with participation of the WG6.2 and WG6.5 members, co-sponsored by Commission 5 (www.mcg.uni-bonn.de).

The **seminar on Terrestrial Laser Scanning** in Germany is also prepared for the year 2010. This will be organised by C5 and C6 of the FIG together with the DVW.

Commission 6 will participate at the **FIG Congress** held 11-16 April 2010 in Sydney (Australia) by 16 technical sessions devoted to the engineering survey topics – deformation using GNSS, terrestrial scanning, subsidence and landslides, quality management and standards, LiDAR and INSAR applications, remote sensing and data processing, machine guidance and integrated systems, building measurement and modelling, engineering survey. The commission annual meeting build space for presentation of the progress made by the commission WGs and study groups.

The International Conference on Indoor Positioning and Indoor Navigation (IPIN) prepared for 15-17 September 2010, Zurich (Switzerland). Co-sponsored by FIG Commission 5 (web site: <http://www.ipin.ethz.ch>).

The high number of prepared events underlines, that the year 2010 will be one of the most active and very important for Commission 6. The effort included to this events and their preparation will transform to results, which are important not only for commission members, but all specialists dealing with engineering surveying around the world.

Prof. Dr. **Alojz Kopáček**
Chair of Commission 6
January 2010

Web site: www.fig.net/commission6

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 7 – Cadastre and Land Management

Report of Activities 2009

1. General

Commission 7 deals with land administration (“the process of determining recording and disseminating information about the ownership, value and use of land when implementing land management policies”, ref. UNECE Land Administration Guidelines 1996). Commission 7 established its concept of activities about 15 years ago. It is in line with the FIG long term strategy and selected topics to deal with

- advanced cadastre
- creating secure land tenure
- application of innovative, advance technology in land administration

Commission 7 aims

- to provide a forum for enhancing knowledge about cadastre, land administration and land management world wide
- to encourage the development of pro poor land management and land administration
- to promote the importance of development of sustainable land administration as infrastructure for sustainable development to underpin economic growth
- to promote the application of innovative and advanced technology in cadastre, land administration
- to promote awareness of the role of surveyors in land administration matters to the public and among stakeholders

2. Work Plan 2007-2010

The Commission activities followed the work plan basically but extended its work supporting participating and contributing actively in many FIG and other events relevant to Commission 7.

3. Annual meeting

The Commission 7 Annual meeting has been traditionally an important event for the Commission since many years. **Commission 7 Annual meeting 2009** was held in Kuala Lumpur, Malaysia in October 12-16, 2009, together with a one-day **International Open Symposium on “Progressing Towards Ubiquitous Cadastre”**. The meeting was organized by the Commission in Cooperation with the Association of Authorised Land Surveyors Malaysia, PEJUTA. The chief organizer was Mr. Teo Chee Hai, Malaysian delegate and FIG Vice president who did an excellent job. The FIG Office helped the Commission in the registration for the Annual meeting.

More than 40 delegates from 22 countries participated in the event. The program followed the tradition of the Commission 7 Annual Meetings, three days meeting, one day open symposium and one day technical tour.

The meeting always starts with the introduction of the host country, information about the land surveyor profession, land administration activities, education, etc. These presentations used to be given by top officials but this time 4 young surveyors informed us about the current situation in Malaysia. It was a very good idea, delegates very much enjoyed it and Commission 7 followed FIG strategy to involve young surveyors in the FIG activities.

Commission chair András Osskó and working group chairs gave reports on the Commission 7 activities, including information about the major FIG events for those who were not able to attend. Working group chairs spoke about the progress of ongoing initiatives of the commission (Land Administration Domain Model-ISO acceptance, Social Tenure Domain Model, Cadastral Template, FLOSS Cadastre, etc).

Richard Grover UK delegate introduced a questionnaire on “Public, State Land management” which was circulated after the Annual meeting. The questionnaire was proposed by the Cyprus delegate Elia Elikkos. The topic is very live in every country hoping to have sufficient number of response to continue the work. All of the 22 national delegates gave a country report about the new developments in land administration and cadastre in 2008-2009.

The One-Day Open International Symposium on “Progressing towards Ubiquitous Cadastre” was a successful event. Besides the international delegates, more than 200 professionals attended from the host and neighbouring countries. Ubiquitous Cadastre is the next step after the e-Cadastre requires a very advanced e-technology. We could follow 12 very interesting presentations by Commission 7 delegates, Malaysian and other international professionals. FIG President Stig Enemark also participated in the Open Symposium presenting an excellent keynote paper “Facing the Global Challenges: the Importance of Land Governance and the Significance of the Cadastre”. Delegates visited the historical Malacca town. The technical tour included the visit to the Regional Cadastre Office and enjoyable sightseeing. In the Regional Cadastre Office we received many information about the development of e-cadastre in the region.

4. Working Groups

Working Group 7.1 – Development of Pro Poor Land Management and Land Administration

Chair: Christiaan Lemmen (The Netherlands)

Pro Poor Land Management approaches have been recognized and supported by the development of the specifications of a first prototype of the Social Tenure Domain Model. The STDM is intended to introduce new, unconventional approaches in land administration by providing a land information management framework that would integrate formal, informal and customary land systems, as well as integrate administrative and spatial components. The STDM makes this possible through tools that facilitate recording all forms of land rights, all types of rights holders and all kinds of land and property objects (spatial units) regardless of the level of formality. The thinking behind the STDM also goes beyond

some established convention. Traditional or conventional land administration systems, for example, relate names or addresses of persons to land parcels via rights. An alternative option is being provided by the STDM, which instead relates personal identifiers, such as fingerprints, to a coordinate point inside a plot of land through a social tenure relationship such as tenancy. The STDM thus provides an extensible basis for an efficient and effective system of land rights recording.

The STDM development activity has generated conceptual, functional and technical designs. The prototype is under development at the Faculty of Geo-Information Science and Earth Observation (ITC) in close co-operation with Global Land Tool Network (GLTN, UN-HABITAT) and the International Federation of Surveyors (FIG)

The STDM concept may be implemented in both commercial and open source GIS software or database management software, or a combination of both.

The STDM prototype initiative is based on open source software (PostgreSQL database, ILWIS remote sensing software as GIS and Apache Tomcat to support a client/server environment)

The communication of FIG concepts in land policy and land management has been actively done by presentations at international conferences and meetings, e.g. during the symposia related to annual meeting of the Commission, during meetings at the World Bank in Washington, and many occasions as well. Presentations are published at the FIG website and a series of papers have been published. An overview of these papers can be found in the annual reports of the OICRF, the International Office of Cadastre and Land Records, see www.oicrf.org. The OICRF is one of the permanent institutes of FIG. The annual reports have been reported to the General Assembly

The identification of (geometric) aspects related to social, informal land tenures has been performed by the introduction of continuum in the representation of spatial units in the Land Administration Domain Model (LADM), from text based, point based, line based (spaghetti based) and polygon based spatial units. These concepts have been introduced in several papers, amongst them a paper presented at this congress in Sydney. Within the development of the International Standard for the LADM, efforts have been made to fully integrate the STDM. FIG submitted in 2008 a proposal to develop this International Standard to the Technical Committee 211 on Geographic Information (TC 211) of the International Organization for Standardization (ISO). There was a positive vote for the Draft International Standard (DIS) at the ISO/TC 211 plenary meeting in Quebec City (Canada) in November 2009. an Editing Committee is now working on the final document.

The support in the development of low cost, innovative data acquisition methods has been achieved by doing a field test with enlarged satellite images (Quickbird) in collecting land use rights in Ethiopia. This approach has been presented at the FIG/World Bank conference “Land Governance in Support of the Millennium Development Goals: Responding to New challenges”, Washington DC, 9-10 March 2009 (see the proceedings on FIG website). Similar approaches have been presented during this conference as being successful.

All of Section 5 is related to the GLTN activities and to GLTN concepts, e.g. the implementation of continuum of land rights.

A capacity building approach has been supported in developing networks, e.g. a closer co-operation between the United Nations University School for Land Administration Studies at ITC with the Technical University of Munich. During an international workshop on “Sharing Good Practices-E-learning in Surveying, Geo-information Sciences and Land Administration” there was agreement that this type of networks have to be extended. The results of this workshop are presented at the congress in Sydney.

Working Group 7.2 – Land Administration to Support Sustainable Development

Chair: Soren Christensen (Denmark)

The chair of the Working Group 7.2 has a dream, a need for humanitarian arm of FIG-Surveyors without Frontiers. The idea of working on the Surveyors without Frontiers was to some extent supported by FIG. In 2009 the Working group 7.2 worked together with Working group 7.1.

Working Group 7.3 – Application of Innovative Technology in Land Administration

Chair: Daniel Steudler (Switzerland)

Over the last four years, Working Group 7.3 has mainly focussed on topic of open source software and its potential for cadastre and land registry systems. The working group has a working relation with UN/FAO supporting “FLOSS Cadastre” Project, since 2007. Working group has been active in several events.

The Working Group decided to complete a publication that explores this field, and to look at risks and opportunities of open source software. The title and table of content of the publication look as follows.

FLOSS Cadastre and Land Registration – Opportunities and Risks

1. Introduction

2. Background on Open- Source and Linkage to Cadastre

2.1 Open-Source Software and Responsible Governance of Cadastral Systems

2.2 Free and Open-Source Software

2.3 Open-Source Software for Geospatial Data- The Birth of OSGeo

3. Tools and Initiatives

3.1 Existing Open-Source Tools- Possibilities for Cadastre Systems

3.2 The Story of an Open-Source Software project- GeoNetwork

3.3 The OSCAR Project

3.4 Piloting Open-Source Cadastre and Registration Software

3.5 The Social Tenure Domain Model- Pro Poor Land Rights Recording System

4. Country Experiences

4.1 Bavaria, Germany

4.2 Bosnia and Herzegovina

4.3 Cambodia

4.4 Ghana

4.5 Samoa

4.6 Solothurn, Switzerland

5. Conclusions

The publication has contributions from some 15 authors, who give an insight in the need and developments worldwide. This publication will be launched at the FIG Congress in Sydney with a dedicated Technical session, where a selection of contributing authors will also present their chapter.

5. Events

5.1 Contribution to major FIG events

The Commission actively participated in the major FIG events:

FIG Working Week, and XXXII. General Assembly-Surveyors Key Role in Accelerated Development, Eilat, Israel, 3-8 May 2009.

Commission 7 have been involved in 13 technical sessions, 7 full Commission 7 sessions with about 30 presentations and 6 joint sessions with Commission 1, 3 and 8 with about 30 speakers.

7th. FIG Regional Conference- Hanoi, Vietnam, 19-22 October 2009

Commission 7 was the major contributor to the technical sessions. There were six “clear” Commission 7 sessions and several joint sessions with Commission 3, 8 and 9 which means about 40 papers.

Thanks a lot for all Commission 7 delegates and speakers for their active contribution to the success of the events.

5.2 Contribution to other events

Joint FIG/World Bank Conference ”Land Governance in Support of the Millennium Goals: Responding to New Challenges”-Washington DC. USA, 9-10 March 2009

Commission 7 was represented by Paul van der Molen (as one of the chief organisers of the conference), András Oskó, Daniel Roberge, Richard Grover, Odame Larbi, Christiaan Lemmen, Tommy Österberg and Daniel Steudler presenting papers and chairing sessions.

Conference on “Citizens’ Rights to the Real Property” Chisinau, Moldova, 30 November - 1 December 2009

The conference was organized by the State Cadastre Agency of Moldova” and supported by FIG Commission 7 and 3. András Oskó chair, and Daniel Steudler chair of Working group 7.3 participated in the event and presented papers. Commission 3 was represented by the chair Chryssy Potsiou.

1st. National and International Cadastral Congress of Argentina, Cordoba, Argentina, 8-11 September 2009

Invitation made by the Organisation of American States (OAS) and the Federal Council of Argentina to Daniel Steudler chair of Working group 7.3 to represent FIG Commission 7 but Daniel Roberge chair elect of the Commission participated in the congress. The aim of our attendance was to encourage Latin American professionals to participate in FIG events more frequently and increase their activities in FIG.

6. Other activities

In May 2009, the national delegate of Cyprus, Mr. Elikkos Elia offered to work out questionnaire on public and state land/property management to be circulated among the delegates, friends of Commission 7. The aim is to collect basic information on state and public land properties in different countries and compare best practices as a basis for improving state and public land /property management policies. He also contacted Richard Grover UK delegate to Commission 7 who is an expert in the theme to revise the questionnaire and give presentation during the Annual meeting 2009 in Kuala Lumpur.

Richard Grover gave a presentation about the topic and finalized questionnaire which was circulated in January 2010. I encourage Commission 7 delegates to complete and return it to Richard Grover allowing Commission 7 to deal with this important topic in the future.

7. Communications

Commission 7 holds a website within the FIG website. One of our aims to keep the interested professionals informed about the Commission 7 activities and events. The website is being maintained regularly by FIG Office.

We also inform Commission 7 delegates and friends through Newsletters. The Commission published and circulated two newsletters in June and December in 2009 via e-mail to delegates and friends. We kept them informed about FIG events, news, developments related to Commission 7 activities. We have been using the list of the Commission 7 e-mail addresses. We try to update the list based on reported changes by delegates.

8. Future activities

The Commission will be one of the major contributors, with the number of presentations to the **FIG Congress “Facing Challenges-Building the Capacity”, Sydney, Australia, 11-16 April 2010.**

The Commission, in co-operation with the Czech Union of Surveyors and Cartographers, will organize its **Annual meeting in Karlovy Vary, Czech Republic, 6-11 September 2010.** We circulated the letter of invitation in January 2010 and also available on the FIG Commission 7 website.

Commission 7 and 3, in co-operation with the Association of Bulgarian Private Surveyors organize a **Conference and Workshop on “Information and Land management. A Decade after the Millennium” 15-17 November 2010. Sofia, Bulgaria.**

9. OICRF

The OICRF will report separately to the General Assembly.

András Osskó

Chair, FIG Commission 7

January 2010

Website: www.fig.net/commission7

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 8 – Spatial Planning and Development

Report of Activities 2009

1. General

2009 has been an active and collaborative year for Commission 8. During this report period the Commission has made significant strides to address land development and spatial planning issues confronting our profession both at the strategic level but also supporting the individual surveyor at the local level. We have achieved this by having a parallel emphasis on delivering technical platforms for our commission delegates in the member countries that we have visited and by championing poverty alleviation at the strategic global level.

The big global challenges have each been addressed by the Commission over the last year. Reflecting thoughts that the economic and spatial surveyors role contributes towards social justice, economic growth and environmental sustainability, demonstrated by our activities covering the themes:

Partnerships between People

Facilitating social partnerships at strategic level, i.e. the global commons is likely to be an increasing emphasis for the coming generations as new ways to organise society are found. Over the past 12 months, the commission's debates regularly highlights that Land Professionals do have the technical capacity to manage the emerging problems of the day, with solutions likely to be based through partnership.

Commission 8 activities demonstrably highlights that it is the surveyor responsibility to overcome the politics of resources; but also the politics of people. Surveyors as change agents can inform governance decision makers of the technical merits of a proposed way forward, but we also understand and communicate the balance of people's agendas.

Environmental Resilience

Given the increasing pressure of protecting our environment the contribution and focus arising from people and planning for environmental adaptations, as a multi-stage process, has enabled us to deliver strong technical sessions, underscored by the technical session here in Sydney. The message is clear that with so many instances of inefficient use of land and other resources, there is a need for action to change policy. Commission 8 emerging work in planning for energy resource and land gives an opportunity to take this forward into the next FIG term.

Societal balance

Land governance problems are clearly located at the intersection of the century's greatest development challenges, Urbanisation and Climate change. These issues and how they relate to People and Places are central issues for Commission 8. The discussions have often centred around economic development and spatial planning in a range of forums covering infrastructure, climate and disaster risk associated with urbanisation and informal settlements. In particular, a key component of the special session on SIDS to be held during the congress in Sydney, was coordinated by Commission 8 with significant help from delegates and member association in Fiji, New Zealand and Australia.

Finally, it is a great pleasure that Mr. Wafula Nabutola (Kenya) is appointed Chair Elect. He will be taking up the Chairman's role wef January 2011. A debate will progress the formation of new working groups in the Commission meeting at the Sydney Congress on Sunday 11th April 2010.

2. Working Groups

As anticipated the working group activity differs in emphasis in each year. This term has been no different with outputs delivered in a variety of ways.

Working Group 8.2 – Informal Settlements: Issues in Spatial Land Planning

Chair: Dr. Diane Dumashie (United Kingdom)

Following the re-election of Dr. Dumashie to chair of the commission, significant efforts were made to identify a new vice chair. But events overtook these efforts in part this is due to the time period remaining, but also due to the success of the activities of the working group over the last 6 years.

This group's work has positively resulted in a mandate from FIG Council to scale up its activities through the auspices of a Task force concentrating on Africa over the period 2011-14. An update on this Task force is presented at the General Assembly.

Working Group 8.4 – Urban Planning Coastal Regions

Chair: Isaac Boateng (United Kingdom)

Starting as a cross-commission this WG focus on coastal change is developing in several directions.

Foremost, it continues active dialogue with Commission 4 in the WG technical meetings. But also, a specific focus has emerged on the adaptation, planning of marine administration in coastal development. The inter-disciplinary approach is likely to be taken forward into the next FIG term, but this year the expected output is a publication.

Drawing from worldwide case studies contributed by members and some technical papers from Commission 8 delegates in the working weeks, the publication will focus on planning, administering and developing the coastal zones in the face of climate change and associated change in sea level. It also addresses 'land' challenges posed by issues in the coastal zone.

Other Working Groups

The richness of the case study information presented in the technical sessions often contributes to the WG agenda, and reflects our members' locality. The following WG's subjects have been supported by papers delivered this at the FIG Working week (Israel) in May 2009 and Regional Week (Vietnam) in October 2009.

- WG 8.1 – Planning Strategy for Urban Development and Regeneration
- WG 8.3 – Re-engineering of Mega Cities

3. Co-operation

The working agenda has been progressed by liaising with numerous international agencies, NGOs and member organisations as well as encouraging cross-Commission involvement. In particular commission 8 held its annual meetings at each FIG working week, and ensuring its deliberations are accessible to members by posting the minutes on the Commission's web site.

Cross-Working with Other Commissions

Commission 8 is involved in cross-Commission activities particularly during the working weeks and regional networking events including:

- Promoting cross-technical sessions in a range of subjects with Commissions 3, 4, 7 and 9.
- Active involvement in with Commissions 4 through working group 8.4.

Connectivity with Sister Organisations

Commission 8 continues to foster and hold strong relationships with other land professional groups such as the Commonwealth Association of Surveying and Land Economy (CASLE). During this year, we have built on the previous successes.

Commission regional meeting was scheduled in February 2010, in tandem with the Ghana Institute of Surveyors. This seminar progresses the working group activities but also contributes to the up and coming African Taskforce; its first theme planning for infrastructure that focuses on environmental and planning issues

Collaboration with UN

Commission 8 has engaged with a range of UN Organisations including:

- Chair and members invited to attend and contribute to the FAO consultation meeting for the Private Sector on the Draft Voluntary Guidelines for the Responsible Governance of Land and Natural Resources. Mr. Kwame Tenadu (Ghana) and Dr. Diane Dumashie (UK) attended.
- Chair invited to attend and deliver a paper at the World Bank/ FIG seminar in March 2009 presenting one of the Commission's key themes Coastal Communities. This was an extremely successful event with an overview expected from FIG Council this year
- Chair and members have continued to actively engaged throughout the year with the GLTN Secretariat by working with the LTPAS section, and

- Vice chair participated in a Rights Workshop – an ingenious approach to gaining empirical evidence. A way to look at problems through case study and to achieve solutions.
- Chair reviewed and provided technical assistance to GLTN and its partner the Huairou Commission Grassroots organisation. The Huairou pilots were testing the Gender Land Tool Evaluation instrument in three countries (Ghana, Brazil and Nepal). The outcome will be debated at the World Urban Forum held in Rio (Brazil) in March 2010.

4. Future Activities

Looking at the year 2010, the commission's activity continues with networking and professional development across the globe in Ghana, Sydney, France and Kenya.

Dr. Diane Dumashie

Chair of FIG Commission 8

January 2010

Website: www.fig.net/commission8

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Commission 9 – Valuation and the Management of Real Estate

Report of Activities 2009

1. General

In 2009 Commission 9's activities concentrated on the FIG Working Week in Eilat on 3-8 May and FIG Regional Conference in Hanoi on 19-22 October.

In Eilat the Commission had its annual meeting and the active Working Groups held their planning sessions. In addition, several presentations on the commission topics were presented in the seven technical sessions. In Hanoi, Commission 9 had three technical sessions and a round table on Compulsory Purchase and Compensation. In both conferences the participation in technical sessions was very active.

2. Working Groups

WG 9.1 – Compulsory Purchase and Compensations in Land Acquisition and Takings

Chair: Kauko Viitanen, Finland

Co-chairs: Thomas Kalbro, Sweden, Henning Elmstroem, Denmark and Paul Munro-Faure, FAO

WG 9.1 continued its work throughout the year, proceeding with the draft for recommendations on Compulsory Purchase and Compensations. The recommendation will be discussed in Sydney and the aim is to publish them in a report by the end of 2010.

In addition, the chair of WG 9.1 has been preparing guidelines for land acquisition in developing countries based on presentations in Hanoi Conference that will be launched in Sydney

WG 9.2 – Improving Slum Conditions through Innovative Financing

Chair: Bengt Kjellson, Sweden

Co-Chair: Ann Jennervik, Sweden

The WG has published its report (as FIG Publication No.44), and the outcome of the Stockholm seminar was presented during the fourth World Urban Forum, in China in November 2008. Summary and conclusions of the activity will be presented in Sydney 2010.

WG 9.3 – Diagnostic Tools and Prescriptive Practices for the Valuation Profession

Chair: Steven Nystrom, USA

WG 9.3 is preparing a diagnostic tool for analyzing the practices of the valuation profession in different countries, being in the phase of acquainting oneself with the existing systems around the world and selecting case countries. The tool will be presented in Sydney 2010.

WG 9.4 – Review of Valuation Methods and Standards Worldwide

Chair: David Smejkal, Czech Republic

WG 9.4 has not been operational during year 2009.

WG 9.5 – GIS-analyses in Real Estate Market Analyses and Valuation

Chair: Dieter Kertscher, Germany

Co-chair: Steven Nystrom, USA

WG 9.5 is focusing in identifying the effects and possibilities of digitalization for of the profession in real estate markets.

3. Cooperation

3.1 Cooperation with Other Commissions

There has been cooperation with Commissions 7 and 8 on WG 9.1. WG 9.2 is part of the FIG Task Force Developing Global Land Tools for Pro Poor Land Management, and it has been in co-operation with Commissions 3, 7, 8 and 10. WG 9.5 is a joint Working Group with Commission 3.

3.2 Cooperation with Sister Organisations

The contact person of Commission 9 for IVSC has been Brian Waldy, United Kingdom.

3.2 Cooperation with United Nations

WG 9.1 has continued the co-operation with UN FAO.

Kauko Viitanen

Chair of FIG Commission 9

January 2010

Web site: www.fig.net/commission9

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

Standards Network

Report of Activities 2009

The Standards Network was formed in 2002. It works within Commission 1 and consists of representatives from each of FIG's Commissions.

1. Terms of reference

The terms of reference of the Network are set out in the FIG Guide on Standardisation and are as follows:

- Building and maintaining relations with the secretariats of standardisation bodies
- Proposing priorities on FIG's standardisation activities, including advising the Council on priorities for spending
- Setting up necessary Liaison relationships with standardisation bodies
- Ensuring that lead contacts to Technical Committees etc are in place
- Maintaining an information flow on standardisation to FIG members, including through the FIG website, and more directly to relevant Commission Officers
- Maintaining this Guide, and related material on the FIG website
- Working with other NGOs, within the framework of the MOUs signed by the Council
- Advising FIG's officers and members on standardisation activities as necessary

2. Work since the 2009 General Assembly

The Network met at the 2009 Working Week and members have corresponded by email since then. Key activities undertaken by Network members and other colleagues since the last General Assembly include:

- **Maintaining a list of commission topics relevant to standardisation** – this has been published on the Standards Network page of the FIG website
- **Staying involved with ISO/TC 211 standardisation activity** – Christiaan Lemmen and Harry Uitermark attended the ISO/TC 211 meetings in Norway in May 2009 and in Canada in November 2009
- **Progressing ISO 19152 on the Land Administration Domain Model (LADM)** – this work grew out of the Commission 7 work on the Core Cadastral Domain Model and was accepted into the ISO/TC 211 work programme in 2008. The LADM project team met in Norway in May 2009 and created an agreed version of the document to be voted on. This vote was successful and comments were reviewed and resolved in an Editing Committee meeting in Canada in November 2009. This marks significant progress for the work, about which a number of TC211 members had been sceptical. A number of further stages

remain before the LADM is a published ISO standard, but these will focus on editorial work. The team is maintaining close contact with UN-HABITAT concerning the Social Tenure Domain Model (STDMD).

- **Staying involved with ISO/TC 172 SC6 work on survey instrument standards** – Hans Heister leads this work for FIG and has been very active in the sub-committee.
 - ISO 17123-4 Electro-optical distance meters (EDM instruments) is presently being revised,
 - ISO 12858-2:1999 (version 2) Optics and optical instruments -- Ancillary devices for geodetic instruments -- Part 2: Tripods, and ISO 12858-1:1999 Optics and optical instruments -- Ancillary devices for geodetic instruments -- Part 1: Invar levelling staffs, are under an ISO systematic review.
- **Determining how to be involved in the International Valuation Standards Council**, now that they have revised their governance. Commission 9 officers are working to reach a decision on this issue, the main issue being how to ensure that an FIG delegate can represent the views of FIG, rather than necessarily the views of the individual or their nation.
- **Considering whether FIG Publication No 9 should be revised or withdrawn.** Commission 5 is taking forward this work, largely within Working Group 5.1.
- **Starting to consider the areas of best practice guides, and accreditation, and which Commissions have interest in these areas.**

The Network plans to meet again in Sydney and consider its work for the coming year. David Martin took over as Chair of the Network from Iain Greenway in October 2009. A key phase for 2010 for the Network will be determining its revised membership, and agreeing key issues in Commission work plans 2011-14 that are relevant to the Network.

David Martin and Iain Greenway

Chairs of the Standards Network

December 2009

Website: www.fig.net/standards_network/

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Young Surveyors Network

Report of Activities 2009



1. FIG Working Week Eilat, Israel

The main event during 2009 was the FIG Working Week in Eilat, Israel. The conference had a quite low number of attending students but there was a group of approximately 15 students that had been brought down to Eilat thanks to a committed teacher.

From the Young Surveyors core group there were four of us participating, me, Cemal Özgür Kivilcim, Kate Fairlie and Thorsten Schwing.

During the General Assembly the fourth of May the FIG Young Surveyors Working Group officially became the FIG Young Surveyors Network. With the new status we hope to engage more members and put pressure on national organizations to involve young surveyors in their work. And as an effect of this we hope to get more engaged young surveyors in to FIG. One could say that we are a way in to FIG for young members that are involved on a national level. We have had so many during the three years up to now saying how can I be a part? And how can I be involved? At the same time there have been older surveyors saying that we challenge you to get a young surveyor involved, this makes me angry and I'm convinced that if this person went home and asked a young surveyor if they would like to be involved nationally they would say yes. If a young member get the question from their national president or chair one would hardly say no.

Our task as a network is to create these contact points within FIG, and create ways for young surveyors in to FIG. An example is the speed mentoring that we arranged last year in Stockholm that was very appreciated by all ages. Unfortunately this did not work out as planned in Eilat to our great disappointment. The great Israeli students who had come to Eilat were though very interested in our work and I hope to see one or several of you in Sydney in 2010.

We also held two sessions during the Wednesday, one where we got to hear about experiences from France and Ordre Géomètre Experts president Pierre Bibollet and the Chair of the Danish Landinspektoerforening Henning Elmstroem who is also the president of CLGE. Both of them were talking about experiences when it comes to student engagement and how they work in each country to make young people interested in the profession and then how to get the young surveyors involved on a national level.

Another important part of the conference was the extended engagement in Africa.

2. FIG Workshop, Navigating the Future of Surveying Education, Vienna February 2009

It may seem that the title for this workshop was somewhat ambitious, but as far as I am concerned I believe that the organizers did a great job and that we had really good discussions. The goal has to be put high in order to get somewhere.

One of the big topics was how to spread awareness about the surveying profession and in particular to schoolchildren, as awareness needs to be created early in life. In the U.K. kids believe that a surveyor is somebody standing outside the stores asking you what kind of products you bought. Well this is not wrong as these persons are doing a survey. Or if they do know a bit more they think that it is someone standing and looking in to their equipment. What happens then with the collected data they don't have a clue.

To generalize a bit this unawareness problem seems to be widely spread in the western world and the countries where we have a well developed property system that might have gotten to difficult for the average person to understand. In countries where this is still under development as Romania and Slovenia they are not facing the same kind of difficulties. They are not agreeing on that the profession has lost its status and it is either not difficult to attract students to the education. In Turkey they have had to cut back on the number of students this despite the fact that there is a large demand from the industry and a large number of students applying for each seat. This as there is not enough teachers available.

In the US the average age of a Land Surveyor is 57. And with the hope to do something about this problem there are campaigns in several states where surveyors go out to schools when the kids are 5-6 years to tell them about what a Land Surveyor is. The idea is to create awareness from an early age, all of them want to be fire fighters and policemen or princesses why not land surveyors? Among other things a teacher married to a surveyor have developed a colouring book with surveyors that have been distributed and children have been able to colour surveyors in action. If this has given any result in university applications is though unclear.

But why is the profession so unsexy? All of us that participated at the workshop were agreeing, and I don't think that there were any exception to that, we have the coolest profession in the world. But why is this so hard for the rest of the world to understand, or let me rephrase the question, why is this so hard for us to communicate? One participant from the U.K. was sharing a problem he often faces at dinners. He stands there mingling with a glass of wine and as the question about his profession comes and he says that he is a surveyor. A regular response from the other person is aha ok and then he or she turns to the next person asking about his or hers profession. And if this next person turns out to be a lawyer or doctor there is not the least hard to understand what this person is doing for a living. Personally I believe that if I introduce myself as a soon to be ready engineer it would be a lot easier for people to understand what I am doing despite the fact that this description involves a almost infinite field of possible work tasks.

Another problem discussed was that with the techniques of today everyone thinks that they can be a surveyor; it is a piece of cake. Just open Google maps and you will have it all there, well it is not that easy and we know that, but not your average person out there. They don't know anything about the legal, economical or technical aspects. And they have no clue how the maps on the web were produced.

The FIG Young Surveyors Working Group was invited to Vienna to host a part of the workshop with the theme "*students today – status and vision*". As an introduction I choose to talk about the me-we generation prior to the discussions. For anyone unfamiliar with the expression just put it on Google and loads of information will come up. An interesting thing though is that this as well also seems to be valid for the western part of the world. Then we divided the audience in to four groups where two discussed studies, what is prioritized, experiences from the Bologna process and the opportunities to foreign exchange it was said to create? The two other groups discussed networking and soft skills, how important are these and how well student organizations are working in reference to the industry during the time in University.

The four groups were lead by Thorsten Schwing, Germany, Kate Fairlie, Australia, Eva-Maria Unger Austria and me Cecilia Lindén, Sweden. Discussions were intensive and this is some of the outcome:

In most of the countries that was represented it exists some kind of interaction between local student organizations and the industry, in very varying forms though. But all agreed on the thought that for this to be possible the students themselves have to have an established and stable student network. There were also discussions around the fact that that there are two types of network, those who are outgoing and those who are introvert. When it comes to the Bologna process many teachers felt, despite the new opportunities there are not so many more students that go abroad on comparison to before. The experience from those who do take the chance to go abroad is that they will experience an incredible personal development and growth. A problem is though the credits transfer from those who have been outside of Europe, it is difficult to convert to the European system.

A conclusion out of all of this is that no matter how many possibilities are created by others it is always up to the individual to take the chance and do something out of it. You could make the largest "smorgasbord" of opportunities but you can never force anyone to eat out of it. The Young Surveyors Working group hopes that we can inspire others to take these opportunities. Our profession is truly global and we hope that the transition from working group to FIG Young Surveyors Network will make us truly global as well. But we will need the help of all the existing students' networks on a national level.

3. Publications

When it comes to communications the Network have been working towards a platform via the FIG webpage. The layout and the content have been done during the year and now we hope to get it up and running as soon as possible. This as you do not really exist unless you are on the Internet.

The number of newsletters has been lower this year as the focus has been to collect and put together the data for the webpage. In December there was a news blast for the upcoming congress in Sydney sent out by Kate Fairlie.

Cecilia Lindén

Chair of FIG Young Surveyors Network

January 2010

Website: www.fig.net/ys/

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

OICRF

Report of Activities 2009



OFFICE INTERNATIONAL DU CADASTRE ET DU RÉGIME FONCIER
INTERNATIONAL OFFICE OF CADASTRE AND LAND RECORDS
INTERNATIONALES AMT FÜR KATASTER UND GRUNDBUCHWESEN

OICRF - the International Office for Cadastre and Land Records - is one of the permanent institutions of the International Federation of Surveyors (FIG). OICRF serves as a documentation and study centre for land administration and is charged with the following tasks:

- collecting and systematically filing and indexing all documentation material relating to existing cadastres and land registration systems,
- conducting comparative studies of this material and publishing the results,
- providing information and advice on all cadastres and land registration systems to all interested persons and institutions for the purposes of study or to help countries wishing to set up a cadastre or land registration system or improve an existing system,
- maintaining the documentation system on a daily basis.

The digital Land Administration Library in 2009

OICRF maintains a digital library that contains approximately **8,650** publications (1st of January 2010), which include things such as conference documents, magazine articles and reports on land administration.

All of the available documents and the most recent publications can be accessed electronically at www.oicrf.org and downloaded in portable document format.

Users can also trace documents linked to a certain event, such as papers linked to a specific conference or seminar. The website is a popular resource. In 2009 the digital library got about **28,303** visitors from all over the world (147 countries). About **8,307** papers have been downloaded. This number is based on the application of Google Analytics; visits from search engines are excluded in this.

Change of Office

The office of the director is proposed to change. It will be proposed to the FIG Council to appoint Christiaan Lemmen, The Netherlands, as the new OICRF Director. If this proposal is accepted and confirmed by the General Assembly (in its meeting in Sydney, Australia in April 2010) Christiaan Lemmen will succeed Prof Paul van der Molen. Paul was OICRF director for more than 15 years.

Mrs Pauline van Elsland will succeed Christiaan Lemmen as OICRF Secretary.

Comparative studies in 2009

In 2009 OICRF published several comparative studies:

Lemmen, C.H.J., van Oosterom, P.J.M., Uitermark, H.T., Thompson, R. and Hespanha, J. (2009) Transforming the Land Administration Domain Model LADM into an ISO Standard - ISO19152. In: Proceedings of the FIG working week : Surveyors key role in accelerated development, Eilat, Israel, 3-8 May, 2009. 24 p.

Lemmen, C.H.J., Zevenbergen, J.A., Lengoiboni, M., Deininger, K. and Burns, T.R. (2009) First experiences with high resolution imagery based adjudication approach for social tenure domain models in Ethiopia. In: Proceedings FIG - World Bank Conference : Land governance in support of the Millennium development goals, responding to new challenges, 9-10 March, 2009, Washington, D.C. 22 p.

van der Molen, P. (2009) Cadastres and climate change. In: Proceedings of the FIG working week: Surveyors key role in accelerated development, Eilat, Israel, 3-8 May, 2009. 12 p.

Bagdai, N., van der Veen, A., van der Molen, P. and Tuladhar, A.M. (2009) Transparency as a solution for uncertainty in land privatization : a pilot study for Mongolia. In: Proceedings of the FIG working week : Surveyors key role in accelerated development, Eilat, Israel, 3-8 May, 2009. 15 p.

Lengoiboni, M., van der Molen, P. and Bregt, A.K. (2009) Pastoralism within land administration : seasonal interactions and access agreements between pastoralists and non-pastoralists : a case of Northern Kenya. In: Proceedings of WOW4 : workshop on the workshop 4 : workshop on political theory and policy analysis, workshopers around the world, what lessons have we learned? Indiana University Bloomington, June 3-6, 2009. Bloomington : Indianan University, 2009. 36 p.

van Oosterom, P.J.M., Groothedde, A., Lemmen, C.H.J., van der Molen, P. and Uitermark, H.T. (2009) Land administration as a cornerstone in the global spatial information infrastructure. In: Proceedings of the GSDI 11 World Conference : Spatial data infrastructure convergence : building SDI bridges to address global challenges, June 15-19, 2009, Rotterdam, The Netherlands. 35 p

Chimhamhiwa, D.A., van der Molen, P., Mutanga, O. and Rugege, D. (2009) Towards a framework for measuring end to end performance of land administration business processes: a case study. In: Computers, Environment and Urban Systems : an international journal, 33 (2009)4, pp. 293-301.

van Oosterom, P.J.M., Groothedde, A., Lemmen, C.H.J., van der Molen, P. and Uitermark, H.T. (2009) Land administration as a cornerstone in the global spatial information infrastructure. In: International journal of spatial data infrastructures research : IJSDIR, (2009), 34 p

Barnasconi, G. and van der Molen, P. (2009) The Dutch kadaster in times of financial crisis. In: 7th FIG Regional Conference : Spatial data serving people : land governance and the environment : building the capacity, 19-22 October 2009, Hanoi, Vietnam. 16 p.

Lemmen, C.H.J., Augustinus, C. and van Oosterom, P.J.M. (2009), The Social Tenure Domain Model - A Pro Poor land Recoding System. In: GIM International, The Global magazine for Geomatics, 24(2009)10, p40-45

van der Molen, P. (2009) The evolving function of land administration in society - capitalizing on investments in a digital land register and cadastre in the Netherlands. In: 7th FIG Regional Conference : Spatial data serving people : land governance and the environment : building the capacity, 19-22 October 2009, Hanoi, Vietnam. 13 p.

van der Molen, P. (2009) Land registration and cadastre in the Netherlands. In: Land registration and cadastre in selected European countries /ed. by N.J. Sadjadi. Vienna: Neuer Wissenschaftlicher Verlag, 2009. ISBN: 978-3-7083-0602-5. pp. 165-188

Contact

OICRF does its utmost to provide the best possible service for anyone who requests information - not least the members of FIG and other professionals who work within the industry. This is made possible by the support of our host, the Netherlands Cadastre, Public Registers and Mapping Agency.

Prof Ir Paul van der Molen,
OICRF director
January 2010
Website: www.oircf.org

Ir Christiaan Lemmen,
OICRF secretary

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

**International Institution for the History of Surveying and Measurement
(IIHSM)**

Report of Activities 2009

The last report was prepared for the FIG meeting in Eilat and the accompanying IIHSM Workshop. Unfortunately the Officers of the IIHSM were unable to attend for differing reasons – family, clashing engagement and health problems. Despite these problems we are happy to report that Jim Smith, together with Alan Wright and Brian Sturman has produced another book. It is *The Tellurometer from Dr Wadley to the MRA 7*. This tells the story of the first 50 years of one of the earliest forms of electronic distance measurement. Publication was supported by Tellumat (pty) Ltd, of Cape Town. The book is of 244 pages at A4 with 203 illustrations and some copies are available for purchase by enquiry to:

Brian Sturman at BSTurman@tellumat.com. Price 300 Rand plus p/p.

Jim Smith was also involved in a companion volume written by one of the sisters of Dr Wadley, Mary von Hirschberg– *Trevor Lloyd Wadley: Genius of the Tellurometer*. This book was also sponsored by Tellumat and is of 112 pages at A5 with 33 illustrations and copies of this can be obtained by enquiry to:

Mary von Hirschberg at maryvh@iafrica.com. Price \$US25 including p/p

The 50th anniversary of the Tellurometer, and the launch of the books, were celebrated in May in Cape Town and in October in Johannesburg. Both Jim Smith and Alan Wright attended both of these events and both presented papers at the latter event which was sponsored by the South African Institute of Electrical Engineers.

The group has also been active in the USA where Jan de Graeve visited Atlanta University with one of our US colleagues, Walter Robillard. Then in Texas Jan attended a 3 day conference in Arlington hosted by the Texas Map Society. Jan presented papers and co-organised a survey with original 19th century American instruments. This was attended by 50 historians of Cartography.

Jan de Graeve is completing a bibliographic work on Gerard Mercator whose 500th anniversary will be celebrated in 2012 at events in Belgium where likely venues include Rupelmonde, Antwerp, Duisburg and St Niklaas.

German colleagues in Dortmund have re-edited their catalogue of instruments that they exhibit in the city museum where they occupy half a floor. Not all instruments can be on show but a reserve is housed in the Museum am Westpark. A splendid book, well illustrated, the catalogue is a very good introduction to the function, work and history of the land surveyor. Published in 2009 it has an ISBN 978-3-99-028449-6. It would be useful if this book could be translated into English and so make it available to surveyors around the world.

We also note an up-dated catalogue *Muzeorama Zemljomjerstvo Kataster* for the Tehnicki Muzej in Zagreb, Serbia. This is of 142 pages and nicely illustrated. Copies can be obtained from Prof.Dr B Kanajet, Technicki Muzej, Savska Cesta 28, 10000 Zagreb, Croatia.

In early 2009 we prepared in Braine-l'Alleud (Belgium, south of Brussels near Waterloo) an exhibition "From the local foot to the metre and the early days of the Belgian Cadastre" which, although it was wintertime, was quite successful.

Jim Smith is continuing to assemble material relating to the Arc of 30th Meridian and its connection to the Struve arc World Heritage Monument. The aim is to get the countries through which this extension goes to do all that is necessary to get it recognised as an addition to the existing WHM which was achieved in 2005. Any representatives from the following countries who would be interested to assist in this historical exercise are asked to contact Jim Smith (e-mail: jim@smith1780.freeserve.co.uk): Belarus, Botswana, Burundi, Crete, Egypt, Greece, Macedonia FYROM, Mozambique, Poland, Romania, Rwanda, Serbia, Slovakia, South Africa, Sudan, Tanzania, Uganda, Zambia and Zimbabwe.

For the 2010 Congress in Sydney a two-day Symposium has been prepared and organised by John Brock, a well known scholar of Sydney and surveyor in Parramatta. The first day will reconstitute the meeting of the first Governor and the first Surveyor General of NSW, together with many Surveyors General of Australia, New Zealand, Hong Kong and hopefully other countries as well. Each Surveyor General will retrace the history of his predecessors, a history lesson for all surveyors of Australia. A third day seminar is to be prepared as part of the technical programme on the Wednesday of the Congress.

With the FIG Council IIHSM has prepared an FIG publication that records the activities of the IIHSM, its aims, objects and activities in the past, present and future. This will be distributed in Sydney.

As indicated above, John Brock has taken on the organisation of our Workshops and symposia. This he will be doing for the forthcoming events that coincide with FIG Working Weeks and Congresses. John can be contacted at toptours@bigpond.com.

For the future we welcome active members to join our board as the present officers have been in charge since 1994 when the Commission 0 was converted into the Permanent Institution.

Do not hesitate to contact Jan de Graeve during the meeting in Sydney.

Jan de Graeve

Chair of the International Institution for the History of Surveying and Measurement
January 2010

Website: www.fig.net/hsm

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Foundation

Report of Activities 2009



1. Administration

The FIG Foundation is located in and administered by the FIG Office in Copenhagen.

A Board of Directors chaired by the President of the FIG Foundation makes the decisions of the Foundation. The Board of Directors for 2009 was as follows:

- John Hohol, President of the FIG Foundation (USA)
- Prof. Michael Barry, Director (Canada)
- Iain Greenway, Director (United Kingdom)
- Prof. Bela Markus, Director (Hungary)
- Warwick Watkins, Director (Australia)

2. Programmes with Corporate Members

There are two grant programmes under the FIG and the FIG Foundation:

- The ESRI/FIG Grant Programme was introduced in 2002
- The Intergraph/FIG Grant Programme was introduced in 2003 including different categories of grants.

3. Donations in 2009

The FIG Foundation results from the FIG Working Week in Eilat and at the Regional Congress in Hanoi were as follows (in €):

Eilat:

Registration fee for delegates	2,317
Foundation dinner	1,255
Voluntary donations	<u>1,258</u>
	4,830

Hanoi:

Registration fee for delegates	2,505
Foundation dinner	1,303
Voluntary donations	<u>391</u>
	4,199

Eilat and Hanoi in total € 9,029.

The Foundation's total income in 2009 was € 10,755.

Lists of voluntary donators

FIG Working Week in Eilat

Akintoye	Fesowola
Awofeko	Abiodun Awobiyi
Bacic	Zeljko
Bagdai	Naranchimeg
Bela	Markus
Brock	John
Chime	Ugochukwu Obiora
Chong	
Dabiri	Thomas
Edegbe	Lugard Idoghomwenyi
Ehiorobo	Jacob Odeh
Elmstrom	Henning
Foster	Robert W.
Gefen	Yehuda
Greenway	Iain
Hohol	John
Jibril	Ibrahim Usman
Kaufmann	Juerg
Marete	Julius
Mensah	Francis
Morley	Andrew
Newnham	Leonie
Njepuome	Austin Pius
Novak	Pavel
Okpokwasili	Gab Osita
Oluwamotemi	David
Omuya	Emmanuel
Sambo	Joshua Joseph
Sani	Nuhu
Scholer	Kjeld Lohmann
Shem Tov	Einav
Sinkner	Robert
Talich	Milan
Thoene	Karl-Friedrich
Ukwa	George
van der Molen	Paul
Vladimir	Seredovich
Watkins	Warwick
Zlatanov	Zlatan

Regional Conference in Hanoi

Chongrak	Suangprasert
Elmstroem	Henning
Kongkham	Sourigna
Magel	Holger
Mjøs	Leiv Bjarte
Morley	Andrew
Newnham	Leonie
Oluwamotemi	David
Sinkner	Robert
Sougnatti	Bounkong
Strande	Kari
Talich	Milan
Teo	CheeHai
Van der Molen	Paul
Wouters Rik	Rik

4. Grants 2009

Fifteen applications for grants and fellowships were received in 2009. Five of these applications were for scholarships to attend the FIG Working Week in Eilat.

The Board of Directors decided to give the following grant:

- to William Kalande from Kenya for his project “*Development of a Cadastral Land Dispute Classification System Using Geographical Data Modelling*”.

In addition two scholarships were given to authors from developing countries to present their peer review paper at the FIG Working Week in Eilat:

- to Jayanta Kumar Ghosh from India to present his paper “*GEOWARNS : A System to Warn Geo-deformation failure*” and
- to Habtemicael Weldegiorgis from Eritrea to present his paper “*The Cadastral System in Eritrea: Practice, Constraints, and Prospects.*”

These scholarships were available for the first time in 2009.

The FIG Foundation further decided:

- to support the International Geodetic Students Meeting (IGSM) in Zürich, Switzerland.

5. Grants 2010

The FIG Foundation has received fourteen applications for grants, fellowships and awards for 2010. Nine of these were for fellowships and/or awards to attend the FIG International Congress in Sydney. The other five applications were unsolicited applications for general grants, none of which were approved by the Directors.

Decision on the fellowships for the FIG Congress 2010 will be announced at the General Assembly in Sydney.

A call for general grants will be made in early 2010.

6. Accounts 2009

The income statement for 2009 and the balance sheet at 31 December 2009 are attached to this report.

The total income in 2009 was € 10,755 and expenses € 6,095 which gives the net result of € 4,660.

The total assets are € 140,159.

John Hohol

President of the FIG Foundation

February 2010

Web page: www.fig.net/foundation

The FIG Foundation
Income statement for 2009

	2009 <u>EUR</u>	2008 <u>EUR</u>
Donations		
Personal donations	1.258	1.138
Other donations	0	9.717
FIG Conferences	7.771	0
Various	0	149
Financial income	<u>1.726</u>	<u>5.381</u>
Total income	<u>10.755</u>	<u>16.385</u>
Expenses		
Grants	5.373	-1.791
Bank costs	<u>722</u>	<u>73</u>
Total expenses	<u>6.095</u>	<u>-1.718</u>
FINAL RESULT (SURPLUS)	<u><u>4.660</u></u>	<u><u>18.103</u></u>

The FIG Foundation

Balance sheet at 31 December 2009

ASSETS	2009 EUR	2008 EUR
	<hr/>	<hr/>
Current assets		
Receivables		
Account receivable, FIG	128.436	0
Other receivables	1.156	1.342
	<hr/>	<hr/>
Total receivables	129.592	1.342
	<hr/>	<hr/>
Liquid funds	10.567	160.177
	<hr/>	<hr/>
Total current assets	140.159	161.519
	<hr/> <hr/>	<hr/> <hr/>
TOTAL ASSETS	140.159	161.519
	<hr/> <hr/>	<hr/> <hr/>
EQUITY AND LIABILITIES		
Equity		
Equity in the beginning of the year	134.335	116.139
Fluctuations	164	93
Retained earnings	4.660	18.103
	<hr/>	<hr/>
Total equity	139.159	134.335
	<hr/> <hr/>	<hr/> <hr/>
Liabilities		
Short-term liabilities		
Account payable, FIG	0	26.829
Other debt / Grants not paid	1.000	355
	<hr/>	<hr/>
Total short-term liabilities	1.000	27.184
	<hr/>	<hr/>
Total liabilities	1.000	27.184
	<hr/> <hr/>	<hr/> <hr/>
TOTAL EQUITY AND LIABILITIES	140.159	161.519
	<hr/> <hr/>	<hr/> <hr/>

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

Task Force on Institutional and Organisational Development

Report of Activities 2007-2010

1. Introduction

This Task Force was established by the FIG Council, and endorsed by the 2007 General Assembly, as a key element in Building the Capacity. This report provides the General Assembly with a summary of work over the last three years. The Task Force believes that it has now concluded its work, and that the material it has produced can now be used by the FIG Council and Commissions to further the vital and continuous work of building the capacity.

2. Task Force Membership

The Task Force's membership was drawn from across continents and disciplines, to ensure that the Task Force saw issues in a broad manner. The membership approved by the Council was as follows:

- Iain Greenway (UK) – Chair
- Santiago Borrero Mutis (Colombia)
- Teo Chee Hai (Malaysia)
- John Parker (Australia)
- Richard Wonnacott (South Africa)
- Spike Boydell (Australia)

3. Overview of Task Force work

The Task Force has followed the division of capacity work into two elements: capacity assessment and capacity development. During 2007 and 2008, the Task Force concentrated on capacity assessment, and developed frameworks and templates for this. This work is outlined in section 4 of this report. The Task Force in 2009 prepared guidance for managers in key areas of capacity development, as described in section 5 of this report.

4. Development of a model to assess capacity

A model through which to assess capacity was developed in close conjunction with ITC from the Netherlands, and was tested at a workshop at the Cambridge Conference of National Mapping Organisations in July 2007. The ITC model had been developed in conjunction with UN Agencies and considered the three levels of societal (systemic), organisational and individual. The model was well received at the Cambridge Conference workshop but

comments made by participants, along with reference to other published material, led the Task Force to make some further refinements to it.

The Task Force in particular considered the elements of capacity in the Cambridge Conference model (noting that most authors have settled on the three levels of capacity) and refined it into six elements, those being:

- The development of appropriate land administration policy and legislation;
- The conversion of those policies and legislation into strategies, systems and programmes;
- Agreeing the split of activity between different stakeholders;
- The production of the necessary outputs (for instance, accurate and current surveys, land registers and valuation lists);
- The effective use of those outputs; and
- Ensuring effective learning and improvement.

The Task Force then created an assessment template, providing four statements for each of 18 areas (each of the six elements above, at each of the three levels). Respondents were asked to rank the statements 1-4 in terms of how well the statements reflect the situation in their country/ state.

The assessment template was made available on line during the middle months of 2008, and was also made available in hard copy versions. 41 questionnaires were completed in full. The results include returns from:

Australia	Brunei	Bulgaria	Canada
Colombia	Cook Islands	Czech Republic	Denmark
Egypt	Fiji	Finland	France
Germany	Hong Kong	Malawi	Nigeria
Norway	Singapore	Solomon Islands	South Africa
Sri Lanka	Swaziland	The Netherlands	The Philippines
Tonga	UK	USA	Vanuatu

giving a broad geographic spread of responses. The responses to many of the questions were very clear cut, suggesting that common issues exist in different regions – this was encouraging in that it allowed a single set of outputs from the Task Force to support work in various regions.

The table below provides an overview of the responses (where the most often-selected response is shown, 1 being the ‘worst’ description and 4 being the ‘best’ description).

	Societal	Organisational	Individual
Policy development	4	3	3
Conversion into programmes	3	3	2
Division of work	1	3	2
Producing outputs	2	3	3
Use of outputs	2	3	3
Learning	3	3	2

A textual summary of the results is that:

- The organisational section scores best, with the third answer being selected in all six areas;
- In the institutional section, the worst answer is selected once and the second answer two times. Despite the best answer being selected once, it is last choice for very many respondents;
- In the individual section, the second answer is selected three times and the third answer three times;
- The area scoring best is policy development;
- The area scoring worst is agreeing the division of labour between stakeholders at the various levels.

Of course, this analysis is somewhat crude, simply showing the answer that is selected most often by respondents as their first choice (the best fit with their perception of the situation in their country); and it is of 41 completed returns, albeit from a wide range of countries.

5. Developing support materials for developing capacity

Recognising the constraints set out in the previous section, the Task Force examined the responses, including the textual responses as to specific issues which hamper organisational capacity in the views of the respondents, and drew the following broad conclusions from the responses:

- Cooperation between organisations is a weak point, with cooperation instead being suspicion in some cases, and the remits and skills of the different organisations not joined up effectively;
- Effective working across sectors is a particular issue brought forward in the free-form comments;
- There are skill gaps declared, particularly in the conversion of policy into programmes, the division of labour, and ensuring effective learning and development;
- Stakeholder requirements appear insufficiently understood/ insufficiently balanced when turning to ensuring effective use of outputs;
- There is insufficient time and effort given to learning from past experience.

The Task Force also considered a number of other publications concerning land administration policy guidelines, including those from the UN FAO (2007), AusAID (2008) and Land Equity International (2008). The last two of these focus on elements of land administration which need to be in place; the FAO document considers good governance and therefore provides the closest parallel with the work of the FIG Task Force. The focus of the FAO document coincides closely with the systemic level, whereas the Task Force work has considered elements more at the organisational level; the two documents therefore appear to complement each other.

As a result of its work and in light of the other publications it reviewed, the Task Force developed the following list of key components which need to be in place in a sustainable organisation, and which are often not in place:

1. Make clear statements defining the responsibilities of each level/ sector
2. Provide transparent leadership ‘from the top’ to encourage collaboration in both top-down and bottom-up ways
3. Define clear roles for the different sectors, including the private sector

4. Establish a clear organisational culture that supports a cooperative approach amongst individual employees
5. Ensure that the network of individuals and organisations has a sufficient voice with key decision makers for land administration issues to be taken fully into account in all central policy making
6. Facilitate policy development and implementation as a process that is open to all stakeholders, with all voices being clearly heard
7. Provide a legal framework that enables the use of modern techniques and cross-sector working
8. Offer relevant training courses that clearly explain, encourage and enable cooperative and action-based working by organisations, within a clearly understood framework of the roles of each level/ sector
9. Share experiences through structured methods for learning from each others' expertise and experiences, with this learning fed back into organisational learning

The Task Force then developed a guide for managers as an FIG Publication, which is presented to this General Assembly for endorsement. The Publication expands on each of the components. For each component, the Publication:

- describes issues that can arise;
- summarises what a truly sustainable system could be;
- provides examples from different countries; and
- lists key questions for managers to consider.

The Publication therefore provides practical advice and guidance to organisations and practitioners. It builds on several other FIG Publications, including the Bathurst Declaration; the Nairobi Statement on Spatial Information for Sustainable Development; the Aguascalientes Statement; and Capacity Assessment in Land Administration.

6. Next steps

The Task Force believes that it has completed the specific work for which it was established by the 2007 General Assembly. The vital work of building capacity is, however, unlikely ever to be completed. It is therefore vital that the work completed by the Task Force is recognised and built on in the 2011-14 work plan for the FIG Council and Commissions, and the Task Force has discussed with Chairs Elect how this might be done. Further discussions will take place in the incoming Council on this matter, with the two Vice Presidents who have been members of the Task Force well placed to ensure that this happens.

The Task Force Chair and members gratefully acknowledge all of the input and support provided by the FIG Council and Commission Officers and others.

Iain Greenway
Task Force Chair
January 2010

Web site: <http://www.fig.net/tf/organisation>

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

FIG Africa Task Force

Report of Activities 2009

The purpose of this report is to update General Assembly on the preparatory activities of the African Task Force. 2009/ 10 is the scoping and inception period which will be followed by implementing the activities of the task force properly underway after the 24th Congress in Sydney 2010.

Overall, Dr. Diane Dumashie can report that the task force administration is building solid foundations from which it can begin its activities shortly after the Congress.

The key milestones that have been reached to date are:

- Identifying the Task force core steering group for the period April 2010 to March 2011.
- Commencing project planning for the 2010 Workshop: Peri Urban Development
- Agreeing with Institution of Surveyors of Kenya (ISK) member association, and collaborating with the Kenyan LOC to hold the first workshop
- Organising administrative functionality of the Task Force including setting up FIG master web page and communicating with members and their associations

Each is briefly summarised below:

1. Steering Group members include: Chair Dr Diane Dumashie (UK), Professor Michael Barry (Canada), Kwame Tenadu (Ghana), and Mwenda Makathimo (Kenya). This team will be responsible for delivering the output for the first year of the task force
2. Project planning for workshop on Peri Urban Development: The objective will be to develop tools to assist land professionals to plan for access rights for sanitation and water in emerging informal settlements.

Following an invitation from CASLE and the Ghana Institution of Surveyors an opportunity has been taken to scope out the workshop theme by requesting commission 8 to organise a one day workshop at the CASLE regional Conference in February 2010. This will provide an opportunity to engage with West Africa Regional surveyors with the expectation that the output will inform the foundation questions for the planned task force workshop

3. Task Force Workshop 2010: In collaboration with the Institution of Kenyan Surveyors, a workshop is planned for the fourth quarter of the year 2010.

The Kenyan local organising committee (LOC) has been formed with preparations well underway to agree the workshop logistics. The dates and venue will be announced at Congress during the week proceedings.

The task force welcomes engagement with all interested delegates during the course of the congress week, and the Chair will also be participating in the special technical session on Africa scheduled for Thursday.

All queries, interest and input should be forwarded to the Chair, Dr Diane Dumashie (ddd@dumashie.co.uk) or the FIG office.

Dr. Diane Dumashie FRICS
Chair of FIG Africa Task Force
January 2010

Website: www.fig.net/tf/africa

**Report to the 33rd General Assembly
FIG Congress in Sydney, Australia 2010**

Task Force on Spatially Enabled Society

Report of Activities 2009

1. Introduction

This Task Force was established by the FIG Council and endorsed by the General Assembly in May 2009 in Eilat. The initial aim was to present the final report of the Task Force at the Congress in Sydney. In agreement with the FIG-President, the submission has been pushed back to December 2010.

2. Activities so far

The Task Force so far consists of the chair and Prof. Dr. Abbas Rajabifard (President GSDI). Several other contacts have been made with potential candidates. In 2009, a few telephone conferences have been made to establish and coordinate the work. Some brainstorming meetings have been held in order to establish the report framework, which will be presented during the Congress in Sydney. The framework mainly consists of background material, elements for spatial enablement, and most crucially studies about the role of the ownership in the humankind to land relationship.

3. Further Steps

March 2010: Position paper to be discussed with regional contributors at Congress.
April 2010: Presentation of framework at Congress.
April 2010: Meeting of Task Force at Congress.
April 2010: Working visit of Task Force chair at the University of Melbourne in order to link and coordinate with Prof. Dr. Rajabifard.
May-September 2010: Involvement of the regional contributors, which will be asked to provide their view on the proposed framework and their evaluation of the contextual situation in their region.
December 2010: Submission of final report and presentation.

Dr. Daniel Steudler

Chair of the FIG Task Force on Spatially Enabled Society
January 2010

Website: www.fig.net/tf/ses

**Report to the 33rd General Assembly
FIG Working Week in Sydney, Australia, 11-16 April 2010**

Report on the Co-operation with the United Nations and the World Bank

1. UN Liaison Committee and Liaison Ambassador for United Nations

The FIG Council established in Hong Kong in May 2007 the UN Liaison Committee – FIG Responses to the Millennium Development Goals to coordinate co-operation with the United Nations. This Committee is chaired by President Stig Enemark and its other members are: Prof. Paul van der Molen (co-operation with FAO and UN-HABITAT, the Global Land Tools Network), Vice President Matt Higgins (co-operation with UN-OOSA), Dr. Chryssy Potsiou, Chair of Commission 3 (co-operation with UN ECE) and Mr. Helge Onsrud ,Norway (co-operation with the committee for Legal Empowerment of the Poor).

The Council appointed in February 2009 Prof. Paul van der Molen as FIG Liaison Ambassador for the United Nations in February to assist the President in UN related issues to the end of 2010. The President will continue to be in charge for reporting on the UN activities to the General Assembly and be responsible for the overall UN liaison policy.

2. Co-operation with UN-HABITAT

FIG's contribution to the Global Land Tool Network (GLTN) is at the core of the Council's work plan and results in various imminent projects. President Enemark attended and chaired the Advisory Board of the GLTN in Nairobi 6 November 2009. The meeting was held in conjunction to the Global Land Tool Network (GLTN) Partners' Meeting held 4-5 November 2009 at the UN-HABITAT Headquarters in Nairobi. The Partners' Meeting was structured around the theme: "Enriching Partnerships and Increasing Activities for Land Reform" and attracted around 60 partner organisations. The key issues of the IAB meeting, chaired this time by President Stig Enemark, included a comprehensive evaluation the overall GLTN activities in 2009 as well as discussions on the future strategies

The FIG projects with UN-HABITAT and GLTN are now mainly organised through individual agreements. FIG handled the review of the GLTN project on Social Tenure Domain Model. FIG also co-operated with GLTN on addressing the issue of informal developed that resulted in the publication "*Informal Urban Development in Europe. A case study from Albania and Greece*". The study is prepared by expert support from FIG (Dr. Chryssy Potsiou) and will be published by UN-HABITAT/GLTN. FIG has also provided expert support (Dr. Diane Dumashie) to developing the Gender Evaluation Criteria for Large-scale Land Tools and for assessing these criteria though pilot studies.

Most of tasks originally planned for the Task Force on Developing Global Land Tools for Pro Poor Land Management have been taken care of by the President through the GLTN International Advisory Board.

3. Co-operation with the Food and Agricultural Organization of the United Nations (FAO)

FAO has supported major FIG events during the latest years. In 2008 the main joint activity was the Joint FIG/FAO/CNG Seminar on State and Public Land Management that was held in Verona, Italy. In 2009 the main project was a two-day Regional Consultation Meeting on the “*FAO Voluntary Guidelines for Responsible Governance of Tenure of Land and Other Natural Resources*” that FIG organised jointly with FAO Land Tenure and Management Unit (NRLA) in Hanoi during the FIG Regional Conference. FAO is also committed to support the Small Islands Development Seminar in Sydney during the FIG congress. Discussions on partnerships at future meetings are in progress especially in relation to FIG Working Week 2012 in Rome.

In January 2010 President Enemark attended the FAO Consultation Meeting, hosted by RICS, on the Guidelines for private sector in London, United Kingdom.

4. Co-operation with the World Bank

Co-operation with the World Bank has been active since the signing of the Memorandum of Understanding that was launched at the FIG WW in Hong Kong in May 2007. FIG and the World Bank organised a Joint World Bank/FIG Conference “Land Governance in Support of the Millennium Development Goals: Responding to New Challenges” in Washington DC, USA, 9-10 March 2009 (www.fig.net/wb2009). The outcome from this conference is published as FIG statement in FIG publication series.

In general, the FIG/WB collaboration is aimed at improving capacity building at all levels in the areas of land tenure, land value, land use and land development. This also includes implementation of appropriate technologies for data collection and mapping; building of spatial data infrastructures and comprehensive information systems; and facilitating increased and equal access to land for all, ensure good governance, and promote proper management of land-use and natural resources.

5. United Nations Office for Outer Space Affairs (UN-OOSA) and the International Committee on Global Navigation Satellite Systems (ICG)

Vice President Matt Higgins represents FIG in the International Committee on Global Navigation Satellite Systems (ICG). The ICG has been formed as a result of recommendations of the UN Committee on the Peaceful Use of Outer Space (COPUOS), as ratified by the General Assembly of the UN. The United Nations Office for Outer Space Affairs (UN OOSA) acts as the secretariat for the ICG. It should be noted that FIG has a MoU with UN OOSA. Matt Higgins has attended the 4th Meeting of the International Committee on Global Navigation Satellite Systems in St. Petersburg, Russian Federation, 14-18 September 2009.

Shafa Gadimova from the ICG Secretariat in UN OOSA, also gave a presentation on the work of the ICG at the FIG Regional Conference in Hanoi. Matt Higgins was also invited to give a keynote at a Multi-GNSS Workshop in Thailand in January 2010, which was convened by the Japanese Space Agency with support from the ICG.

6. Others

President Stig Enemark attended the 3rd UN Sponsored Land Administration Forum for the Asia and Pacific Region entitled “*Re-Engineering the Cadastre to Support E-Government*” in Tehran, Iran, 24-26 May 2009. The Forum was organised by the UN sponsored Permanent Committee on GIS Infrastructure (PCGIAP) together with Islamic Republic of Iran’s Deeds and Properties Registration Organization, the International Federation of Surveyors (FIG), the Global Spatial Data Infrastructure Association (GSDI) and the Centre for Spatial Data Infrastructures and Land Administration, University of Melbourne. The aim was to discuss land administration issues and the role of cadastre to support e-government in the Asia and Pacific region. The Seminar was Chaired by Prof Ian Williamson and co-chaired by Associate Professor Abbas Rajabifard, President of GSDI.

President Enemark attended and gave a keynote at the *Eighteenth United Nations Cartographic Conference for Asia & the Pacific (UNRCC-AP)* held in Bangkok 26-29 October 2009. The conference is convened every three years since 1955. The overall theme was “*Spatial Enablement and the Response to Climate Change and the Millennium Development Goals*”. The conference was organized by the UN Statistics Division in Bangkok at the Economic and Social Commission for Asia and the Pacific (ESCAP) and headed by Mr. Paul Cheung, Director of the United Nations Statistical Division (UNSD). The conference provided a regional forum for approximately 200 participants (mostly heads of mapping agencies and land surveys and experts from Asia and the Pacific and other regions). The conference provides a unique platform for discussion and understanding of the regional needs, and for networking with national agencies and other NGO’s

A similar forum exists for the Americas (UNRCC-A) that convenes every four years with the last meeting held in New York, August 2009. These two forums are being brought together by establishing a forum on Global Geographic Information Management. Such a forum should play a leadership role in setting the agenda for further development of geographic information, and promote the use of geographical information to address key global challenges (poverty reduction, sustainable development climate change and disaster management) and, thus, raise the professional visibility. A first UN global conference on Geographic Information Management will be organised in 2011.

February 2010

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE GLOBAL SPATIAL DATA INFRASTRUCTURE ASSOCIATION (GSDI)
AND
THE INTERNATIONAL FEDERATION OF SURVEYORS (FIG)**

1. Parties

This document constitutes an agreement between the Global Spatial Data Infrastructure Association (GSDI) and the International Federation of Surveyors (FIG).

2. Background

GSDI and FIG each recognises that the other is an international organisation with many complementary activities serving similar professional constituencies.

The GSDI Association is an inclusive organization of organizations, agencies, firms, and individuals from around the world. The purpose of the organization is to promote international cooperation and collaboration in support of local, national and international spatial data infrastructure developments that will allow nations to better address social, economic, and environmental issues of pressing importance.

FIG is a Non-Government Organisation that collaborates with UN agencies and other international organisations to support progress in all fields and applications of surveying. FIG represents academic, commercial and public and private surveyors world-wide and specialises in technical and professional areas including surveying education and professional standards, hydrography, positioning and measurement, surveying, mapping, engineering surveys, geographic information systems, cadastre and land management together with marine cadastre, land and environmental planning plus the development of coastal zones and property valuation and the management of real estate.

3. Purpose

The purpose of this Memorandum of Understanding is to provide a framework for a continuing liaison between the two organisations. This will be achieved by maintaining and increasing the opportunities of scientific, technical and professional as well as academic and educational exchange between their members, through a continuing programme of cooperation leading to mutual sharing of knowledge and expertise to the advantage of both organisations.

4. Programme of Activities

In accordance with the background and purpose described above, both organisations agree to endeavour to intensify their co-operation for mutual benefit. The following steps will be taken, among others:

1. Regular contact is to be established between the two organisations in order to institute and maintain a continuing liaison to address matters of common interest;

2. Each organisation will inform the other of all Commissions, Working groups, etc. that it has established and invite representation from the other where it is agreed that it would be appropriate.
3. Each organisation will inform the other of its programme of proposed seminars, workshops, etc. to enable joint participation should it be of mutual benefit and inform its members of these events as appropriate.
4. Both organisations will identify opportunities to organise joint sessions at conferences and specialised seminars or workshops under joint sponsorship.
5. Each organisation will invite a representative from the other organisation to attend respective Congresses/Conferences and offer complimentary registration.

6. Financial Commitment

It is understood that neither organisation can commit the other to any expenditure, save that from administering this agreement, without the specific written agreement of both organisations.

6. Legal Status

This Memorandum does not create a legal link between the two organisations who will maintain their mutual independence.

This Memorandum of Understanding is valid until GSDI or FIG proposes changes to it. Each organisation has the right to propose changes to this Memorandum at any time. Any changes shall be subject to the agreement of both organisations.

Date: April 2010

On behalf of GSDI

On behalf of FIG

Prof. Abbas Rajabifard
President of GSDI

Prof. Stig Enemark
President of FIG



SUMMARY OF THE FIG OFFICE DEVELOPMENT PLAN

1. INTRODUCTION

When I joined the FIG Office I was asked to prepare an overall Office Development Plan, proposing the steps required to develop the FIG Office (“the Office”) into an efficient and effective professional organisation providing a quality service.

This paper presents a brief summary of the FIG Office Development Plan, focusing on the changes that will be necessary in systems, procedures and staff to achieve the above-mentioned goal.

2. BACKGROUND

Since the Office was established 10 years ago FIG has been growing with a number of new members and stakeholders and new activities. This has of course been a very positive development, but the increased activity level has also highlighted several areas where the Office administration, systems, and procedures have not really been able to keep pace. Improvements are therefore needed in order that the Office will be able to service all of FIG’s world wide members and stakeholders efficiently and professionally.

A SWOT analysis identified a number of key internal and external factors impacting both on the Federation FIG and the FIG Office (since these are closely interlinked). Several development activities were then evolved in order to enhance the strengths, overcome the weaknesses, exploit the opportunities, or avoid the threats.

3. DEVELOPMENT AREAS

The proposed necessary development activities have been categorised into the areas: systems, procedures, and staff. The most important activities are summarised below.

3.1 Systems

- *Change of IT Platform:* The FIG Office currently uses an external provider as our IT platform, but we are experiencing problems with reliability and speed and are looking into the possibilities of changing to another platform in-house. This involves resolving both some technical and financial issues
- *Invoicing Module for Bookkeeping System:* Invoices for membership fees have been prepared manually since the bookkeeping system could not generate them automatically. We are in the process of changing this by installing an add-on module
- *FIG Web Site:* The current FIG web site contains much useful information, but the lay-out is not clear and the site could be made more user-friendly and attractive

- *Single FIG Membership Data Base:* The Office currently uses several different data bases for various purposes, which is both inefficient and involves a high risk of errors, and it should therefore be replaced by one single membership data base
- *New Account Structure:* The new financial reporting format created by the Council and subsequently approved by the General Assembly uses types of direct expenditure as the reporting categories, so changes to the account structure is required in order for the accounts in the bookkeeping system to support the new financial reporting format.

3.2 Procedures

- *Office Quality Management System:* A quality manual documenting the (few) existing procedures and establishing procedures for areas without any is under preparation. An important tool in order to ensure that the changes necessary to address the SWOT key factors will become firmly rooted in the Office, and also a possible first step towards ISO certification (the manual is being written in accordance with the overall ISO principles, so it would be relatively easy to get ISO certification later on)
- *Account and Arrears Management:* Implementing an improved system to keep track of outstanding accounts
- *Investment Strategy:* Introducing procedures and routines that will ensure FIG's liquid funds and reserves are handled in accordance with the rules decided by Council
- *Planning and Time Management:* Better planning of work and tasks and better time management to improve efficiency and avoid missed deadlines
- *Data and Filing Discipline:* More focus on orderly, systematic and timely filing so things can be easily located and retrieved when needed
- *Harmonisation of FIG Material:* Ensuring uniform lay out and use of logos, fonts, etc. in communications and publications

3.3 Staff

- *Responsibilities, performance criteria, and evaluation:* Establish clear procedures and goals in these areas to increase efficiency, productivity, and job satisfaction. Establish regular performance monitoring system.
- *Personal Assistant:* Recruit qualified PA in accordance with the key qualifications and job description evolved for this position
- *Outsourcing:* Review possibilities and feasibility of possibly outsourcing more services



SUMMARY OF THE FIG OFFICE DEVELOPMENT PLAN

- *Other available resources:* Look into the possibilities of attracting “free” student trainees for short term stays in the Office

4. CONCLUSION

The Office Development Plan includes some remarks about possible resistance to the proposed changes, suggestions for how these may be addressed, and the time horizon for implementing the plan. As appendices are included staff job descriptions, job performance criteria, and suggested staff development interview procedure.

**FIG GENERAL ASSEMBLY 2010
FINANCIAL ISSUES (INCLUDING 2009 ACCOUNTS, 2010-12 BUDGETS AND 2012
SUBSCRIPTIONS)**

1. Introduction

The 2009 General Assembly took decisions on a range of financial issues, including making changes to the financial reporting template, the creation of General and Specific Reserves for FIG, and that the General Reserve should be kept in the range 90-100% of regular annual expenditure, with this range being reviewed every two years.

The Council has implemented these decisions. In 2010, the General Assembly is asked to:

- Adopt the audited 2009 Accounts at Annex A, noting that the audited accounts are in the form of the template approved at the 2009 General Assembly (and provided again at Annex B)
- Endorse the revised budgets for 2010 and 2011, and the budget for 2012 at Annex C to the General Assembly agenda, noting that the General Reserve is retained in the 90-100% range at the end of each year
- Approve member association subscriptions for 2012, set out in section 6 of this paper.

2. A commentary on FIG income and costs 2009

FIG's income for 2009 was largely in line with the budget, with minor movements from budgets for each of the membership categories. Ongoing financial income decreased from 2008, due to the general decrease in interest rates. However, in addition, due to the likely failure in 2009 of a Danish bank in which FIG held some funds, these were (after approval by the President) removed without giving notice, meaning that an unexpected additional loss of €6,161 was recorded. All reserves are retained in cash-based, low-risk investments, in line with the decision of the 2009 General Assembly, and are protected by extended Danish Government guarantee until 30 September 2010. At that date, a revised guarantee scheme comes into place. The Council will make any necessary changes to the investment of the reserve prior to that date, to ensure that all of FIG's reserves continue to be protected.

The Council has established mechanisms to support poor member associations who have difficulty in paying their subscriptions, in line with the decision of the 2009 General Assembly. The arrangement requires partial payment of outstanding fees by the Member Association, with the balance being covered from Special Reserves. Support was offered to three Member Associations during 2009. Two of these took up the offer, and the other accepted the offer in principle with payment expected in early 2010. An offer was made to one Member Association in early 2010. The Special Reserves were also used to make a payment to the Young Surveyors Network, in line with a Council decision to support the Network in the same manner as a Commission.

The largest single area of expenditure in FIG's budget is the FIG Office. This is to be expected, given the staff employed there and the significant work that they undertake. The Office has become central in the work of FIG, and the activity undertaken by its staff enables

the Federation's Council members, Commission Officers, Task Force chairs and others to work more effectively, knowing that the staff are on hand to complete key work. The most significant variation from budget during 2009 was an increase in salary costs in the FIG Office. Staff changes required additional staffing support to be put in place for a transition period and also affected statutory payments. The situation has now returned to normal, with three staff employed by FIG (the General Manager and Personal Assistant in the Office in Copenhagen, and the Director in Helsinki). In discussion with the auditors, some of the additional staffing costs have been reported as an Exceptional Item. The costs of the transition emphasise the vulnerability to staff changes of any small team. It is to the credit of the staff employed by FIG that we came through this major transition as successfully as we did.

Other office costs were largely in line with budget, although a loss of approximately €5,400 on currency conversions was realised during the year. This was due to the reduction in value of the US\$ compared to the euro (to which the Danish Krone is closely tied), with income from UN Agencies and the World Bank received in US\$ and needing to fund expenditure incurred in euro/ Kroner.

Outsourced office costs were above budget. This was partly as a result of a change of IT supplier, which increased 2009 costs but will reduce costs in 2010 and subsequent years; and partly an increased expenditure on book keeping due to the staff changes in the office. Revised arrangements are being put in place for 2010 to reduce accounting costs.

Council and Executive Management Costs were largely in line with budget. Marketing and Publication costs were below budget. This was largely as a result of a limited number of FIG Publications being produced in 2009 (several are planned for 2010).

Only a small amount of specific grants for Commissions was requested during the year.

Overall, the deficit of regular income over regular expenditure was €64,130 compared with a budget figure of €36,292.

Events results were ahead of budget, with the Hanoi Regional Conference being particularly successful. The Conference with the World Bank in March 2009 also returned a small surplus. The project to review material to UN-HABITAT also brought income ahead of budget, as did the fees paid to FIG for organising the UN FAO event which ran in parallel with the Regional Conference. Late invoices in connection with the Stockholm Working Week and the Commission 9 event in Beijing in 2008 have been included in the 2009 accounts.

Overall, therefore, the overall surplus from normal activities in the year was €380, compared to a budget of €11,708. Exceptional items of €50,713 for additional salaries and loss of financial income appear below the result line. The additional salary costs indicate the vulnerability of any organisation employing a small number of staff. The financial income loss was due to the more general global economic situation. These events are a powerful reminder of the need for FIG to hold reserves. Budgeted projections for the reserves are covered in Section 5.

3. Subscription arrears

Arrears at the end of 2008 were €85,000. This figure increased to €143,000 at the end of 2009. This was despite persistent efforts by FIG staff and Council members to encourage payment of outstanding fees. The general economic situation is likely to have been a significant impact in the level of arrears, which is split between membership categories as follows:

- Member associations - €71,000.
- Corporate members - €55,000.
- Academic members owe a total of €9,000. There are small amounts owed by a large number of institutions.
- Affiliate members owe a total of €8,000. This also consists of generally small amounts owed by a range of institutions.

More encouragingly, only €5,000 of the arrears are for 2007 or earlier, and €12,000 of the €31,000 arrears for 2008 has been promised shortly. The Office and Council will continue to pursue unpaid membership fees, and is currently writing to all members who will not have a vote at the 2010 General Assembly unless they pay their arrears in the coming weeks. 2010 membership invoices were issued in January, significantly earlier than in recent years, and have resulted in earlier payment by many members.

4. Budgets 2010, 2011 and 2012

As reported in 2009, the Council has taken the view that FIG should use a 4-year budgeting cycle from 2011. This will allow the financial consequences of implementing the Council's work plan to be reported, including the varying income to FIG from smaller and larger Working Weeks and Congresses. Revised budgets for 2010 and 2011, and a budget for 2012, are being presented to this General Assembly. The Council is mindful that a new Council will be in place from 1 January 2011, but also that the Federation needs to plan ahead with regard to its finances.

The budgets for these years are shown at Annex C. A range of notes to the budgets explain particular figures. Two specific overriding issues should also be borne in mind by the General Assembly:

- As always, we can make predictions about surpluses from events, but factors may arise which affect these; and
- The potential risk around subscriptions in the current economic situation could reduce the subscription income.

The revised budgets for 2010 and 2011 show limited change from those approved by the 2009 General Assembly, but they have been generally updated in light of 2009 performance. The overall result budgeted for 2010 has been reduced by €16,000 with the main changes being in provision for write offs, increases in book keeping costs, and reduction of the budgeted income from Commission events. The 2012 budget shows a broadly continuing trend from 2011.

5. FIG Reserves

The budgets for 2010-12 maintain the general reserve in the 90-100% range approved by the 2009 General Assembly.

Some monies are held in Commission reserves (recognising that the surpluses on some commission events should be held separately, for discussion with the Commissions involved as to appropriate ways to use the surpluses to develop the Commissions' and Federation's work).

An Office Development Reserve has not at this stage been established, as a comprehensive review by the General Manager has not established any requirement for significant expenditure except on overhaul of the website. We are currently reviewing options and costs for this, to make the website more user friendly, and also introduce more robust systems to maintain the Office's databases, linked to the website, to support mailings and so on. Some costs for this work are included in the 2010 and 2011 budgets.

As mentioned in section 2 of this report, money has been spent from the specific reserves in 2009 on supporting poor Member Associations and the Young Surveyors Network. The Council anticipates this continuing in coming years, along with support for Task Forces, particularly the Africa Task Force. This money is accounted for in each year that it is spent, with the figures shown at the bottom of the financial statements.

The reserves are held in low risk investments, in line with the policy agreed by the General Assembly. Any transfer of the reserves requires approval by two people, one of these being a Council member. Following comments by Honorary President Foster at the 2008 and 2009 General Assemblies, the Council has reviewed controls over the reserves again, and is content that they are robust.

6. Subscriptions 2012

The 2009 General Assembly approved membership fees as follows, including changes to the minimum and maximum subscription arrangements:

Year	Per capita fee	Minimum fee	Maximum fee
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 EUR (whichever is greater)	5,500 members (22,290 EUR)
2011	4.30 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 EUR (whichever is greater)	5,500 members (23,560 EUR)

The Council proposes the following Member Association subscription levels for 2012, a rise of 4%:

2012	4.48 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.24 € member up to a maximum of 5,500 members.	20 members or 50 EUR (whichever is greater)	5,500 members (24,640 EUR)
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7. Conclusion

The finances of FIG remain in a healthy state, thanks to the work of many people over many years. There was a need to call on reserves due to unexpected events in 2009 concerning staff changes and the general financial situation; this experience reinforced the wisdom of previous Councils in building up an FIG reserve. The budgets and proposals for future years are designed to continue FIG's healthy financial position, and provide a solid financial basis for the new Council to plan its work programme.

Iain Greenway
Vice President

John Neel
FIG General Manager



**International Federation of Surveyors
Fédération International des Géomètres
Internationale Vereinigung der Vermessungsingenieure**

**The International Federation
of Surveyors**

**Kalvebod Brygge 31-33
DK-1780 Copenhagen V**

Annual Financial Report for 2009

The Annual Financial Report is submitted
for adoption at the General Assembly on:

/

Stig Enemark, President

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Statement

Statement by Management on the annual financial report

We have today presented the annual financial report of The International Federation of Surveyors and the FIG Foundation for the financial year 2009.

The annual financial report has been presented in accordance with generally accepted accounting principles of associations.

We consider the applied accounting policies appropriate for the annual financial report to provide a true and fair view of the Federation and the Foundation's assets, equity and liabilities, financial position and results.

We recommend the annual financial report for adoption at the Annual General Assembly.

Council meeting, 20 January 2010

Director and General Manager

Markku Villikka

John Neel

Council

Stig Enemark, President

Iain Greenway, Vice President

Matt Higgins, Vice President

Dalal Alnaggar, Vice President

Teo CheeHai, Vice President

Independent Auditor's Report

To the members of The International Federation of Surveyors

We have audited the Annual Financial Report of The International Federation of Surveyors and the FIG Foundation for the financial year 1 January 2009 to 31 December 2009, which comprises the Statement of the Management on the Annual Financial Report, a summary of significant accounting policies, the income statement and balance sheet. The Annual Financial Report has been prepared in accordance with generally accepted accounting principles of associations.

The Management's Responsibility for the Annual Financial Report

The Management are responsible for the preparation and fair presentation of this Annual Financial Report in accordance with generally accepted accounting principles of associations. This responsibility includes: designing, implementing and maintaining internal control relevant to the preparation and fair presentation of an Annual Financial Report that is free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility and Basis of Opinion

Our responsibility is to express an opinion on this Annual Financial Report based on our audit. We conducted our audit in accordance with Danish Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the Annual Financial Report is free from material misstatement

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Annual Financial Report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Annual Financial Report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Federation's preparation and fair presentation of the Annual Financial Report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Federation's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Management, as well as evaluating the overall presentation of the Annual Financial Report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Our audit has not resulted in any qualifications.

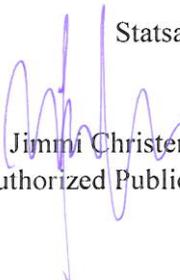
Opinion

In our opinion, the Annual Financial Report gives a true and fair view of the Federation and the FIG Foundation's financial position at 31 December 2009 and of the results of its operations for the financial year 1 January 2009 to 31 December 2009 in accordance with generally accepted accounting principles of associations.

Albertslund, 20 January 2010

Bille & Buch-Andersen

Statsautoriseret Revisionsaktieselskab



Jimmi Christensen

State Authorized Public Accountant



Morten Rasmussen

Certified Public Accountant

Federation Information

Federation

The International Federation of Surveyors
Kalvebod Brygge 31-33
DK-1780 Copenhagen V

Telephone: +45 3886 1081
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Internet: www.fig.net
E-mail: fig@fig.net

Central Business
Registration no. 21 33 60 76
Registered in Copenhagen, Denmark

Council

Stig Enemark, President
Iain Greenway, Vice President
Matt Higgins, Vice President
Dalal Alnaggar, Vice President
Teo CheeHai, Vice President

Director General Manager

Markku Villikka
John Neel

Auditor

Bille & Buch-Andersen
Statsautoriseret Revisionsaktieselskab
Holsbjergvej 31-33, DK-2620 Albertslund

Accounting policies

This annual financial report has been prepared in accordance with generally accepted accounting principles of associations as well in accordance with the accounting requirements of Danish legislation and the regulations.

The accounting policies applied for this annual financial report are consistent with those applied last year.

Recognition and measurement overview

Income is recognised in the income statement when earned, whereas costs are recognised by the amounts attributable to this financial year. Value adjustments of financial assets and liabilities are recognised in the income statement as financial income or financial expenses. Also depreciations are recognised in the income statement.

Assets are recognised in the balance sheet when it is probable as a result of a prior event that future economic benefits will flow to the Federation, and the value of the asset can be measured reliably.

Liabilities are recognised in the balance sheet when it is probable that future economic benefits will flow out of the Federation, and the value of the liability can be measured reliably.

On initial recognition, assets and liabilities are measured at cost. Measurement subsequent to initial recognition is effected as described below for each financial statement item.

Anticipated risks and losses that arise before the time of presentation of the annual financial report and that confirm or invalidate affairs and conditions existing at the balance sheet date are considered at recognition and measurement.

Income statement

Income and expenses

Items of income or expenses are stated within the period to which they relate irrespective of the payment date.

Balance sheet

Deposits are measured at nominal value.

Receivables

Receivables are measured at amortised cost, usually equalling nominal value less provisions for bad debts.

Prepayments comprise costs incurred relating to the subsequent financial year.

Foreign currency translation

On initial recognition, foreign currency transactions are translated applying the exchange rate at the transaction date. Exchange differences that arise between the rate at the transaction date and the one in effect at the payment date or the rate at the balance sheet date are recognised in the income statement as financial income or financial expenses.

Receivables, payables and other monetary items denominated in foreign currencies that have not been settled at the balance sheet date are translated using the exchange rate at the balance sheet date. The difference between the exchange rate on the balance sheet date and the transaction date is recognised in the income statement as financial income or financial expenses.

Income statement for 2009

	<u>2009</u>	<u>2008</u>
	EUR	EUR
REGULAR INCOME		
Member associations	285.572	275.757
Affiliate members	16.361	15.385
Corporate members	109.667	108.794
Academic members	17.895	17.463
Less bad debts	<u>-11.794</u>	<u>-12.875</u>
	417.702	404.524
Financial income	4.856	13.422
Less banking costs	<u>-284</u>	<u>0</u>
TOTAL REGULAR INCOME	<u>422.273</u>	<u>417.946</u>
REGULAR EXPENDITURE		
Administration		
Office costs	197.112	173.396
Outsourced office costs	<u>44.311</u>	<u>34.486</u>
Total Administration	<u>241.423</u>	<u>207.882</u>
Marketing and publications	<u>11.232</u>	<u>25.169</u>
Council and executive management	<u>207.762</u>	<u>184.127</u>
Commission support		
Regular grants	25.049	25.000
Specific grants	<u>937</u>	<u>6.489</u>
	<u>25.986</u>	<u>31.489</u>
TOTAL REGULAR EXPENDITURE	<u>486.403</u>	<u>448.667</u>
DEFICIT OF REGULAR INCOME/REGULAR EXPENDITURE	<u>-64.130</u>	<u>-30.721</u>

Income statement for 2009

	2009 EUR	2008 EUR
Balance brought forward	-64.130	-30.721
PROJECTS		
Events - funds recieved by FIG:		
Stockholm Working Week - late income	-1.235	0
Congress/working Week	15.736	58.119
Regional Conference	24.157	-1.181
World Bank Conference	5.879	0
Commision events	-2.880	11.428
	41.657	68.366
Other projects:		
Income - sale of publications	140	1.643
UN HABITAT project	14.418	0
UN FAO Conference	6.086	1.774
Admin fee re commission 7, Malaysia	1.707	0
Miscellaneous income	501	151
Costs	0	-13.184
	22.853	-9.616
SURPLUS FOR THE YEAR - REGULAR ACTIVITIES	380	28.029
EXEPTIONAL ITEMS		
Additional staff costs	50.713	0
Items funded from reserves (as agreed by general assembly):		
- Young surveyors network	1.002	0
- Support to poor member associations	1.121	0
	-52.456	28.029
FINAL RESULT (DEFICIT)	-52.456	28.029

Balance sheet at 31 December 2009

ASSETS	<u>2009</u> EUR	<u>2008</u> EUR
Current assets		
Receivables		
Receivables from members	175.267	87.817
Other receivables	1.546	0
Receivable financial income	331	6.711
Receivable VAT	2.704	4.889
Merchandise	7.967	5.806
Account receivable, The FIG Foundation	<u>0</u>	<u>26.829</u>
Total receivables	<u>187.816</u>	<u>132.052</u>
Liquid funds	<u>425.127</u>	<u>371.401</u>
Total current assets	<u><u>612.943</u></u>	<u><u>503.453</u></u>
TOTAL ASSETS	<u><u>612.943</u></u>	<u><u>503.453</u></u>

Balance sheet at 31 December 2009

EQUITY AND LIABILITIES	<u>2009</u> EUR	<u>2008</u> EUR
Equity		
Equity at the beginning of the year	446.949	418.920
Retained earnings	<u>-52.456</u>	<u>28.029</u>
Total equity	<u>394.493</u>	<u>446.949</u>
Liabilities		
Short-term liabilities		
Projects in progress	18.546	10.254
Trade payables	9.399	11.537
Account payable, The FIG Foundation	128.436	0
Other debt	<u>62.069</u>	<u>34.712</u>
Total short-term liabilities	<u>218.450</u>	<u>56.504</u>
Total liabilities	<u>218.450</u>	<u>56.504</u>
TOTAL EQUITY AND LIABILITIES	<u>612.943</u>	<u>503.453</u>

The FIG Foundation
Income statement for 2009

	2009 <u>EUR</u>	2008 <u>EUR</u>
Donations		
Personal donations	1.258	1.138
Other donations	0	9.717
FIG Conferences	7.771	0
Various	0	149
Financial income	<u>1.726</u>	<u>5.381</u>
Total income	<u>10.755</u>	<u>16.385</u>
Expenses		
Grants	5.373	-1.791
Bank costs	<u>722</u>	<u>73</u>
Total expenses	<u>6.095</u>	<u>-1.718</u>
FINAL RESULT (SURPLUS)	<u><u>4.660</u></u>	<u><u>18.103</u></u>

The FIG Foundation

Balance sheet at 31 December 2009

ASSETS	2009 EUR	2008 EUR
Current assets		
Receivables		
Account receivable, FIG	128.436	0
Other receivables	1.156	1.342
Total receivables	129.592	1.342
Liquid funds	10.567	160.177
Total current assets	140.159	161.519
TOTAL ASSETS	140.159	161.519
 EQUITY AND LIABILITIES		
Equity		
Equity in the beginning of the year	134.335	116.139
Fluctuations	164	93
Retained earnings	4.660	18.103
Total equity	139.159	134.335
Liabilities		
Short-term liabilities		
Account payable, FIG	0	26.829
Other debt / Grants not paid	1.000	355
Total short-term liabilities	1.000	27.184
Total liabilities	1.000	27.184
TOTAL EQUITY AND LIABILITIES	140.159	161.519

FIG FINANCIAL RESULTS 2008 and 2009
ANNEX B

	Result 2008 €	Budget 2009 €	Result 2009 €	Notes	
REGULAR INCOME					
Subscriptions					
Member associations	275 757	279 643	285 572		
Affiliate members	15 385	17 040	16 361		
Corporate members	108 794	112 880	109 667		
Academic members	17 463	17 845	17 895		
Less bad debts	12 875	10 000	11 794		
	<u>404 524</u>	<u>417 408</u>	<u>417 702</u>		
Financial income	13 422	13 000	4 856	1	
Less banking costs	-	-	284		
Total regular income	<u>417 946</u>	<u>430 408</u>	<u>422 273</u>		
REGULAR EXPENDITURE					
Administration					
Office costs	173 396	180 100	197 112	2	The office provides Member services
Outsourced office costs	34 486	27 000	44 311	3	
	<u>207 882</u>	<u>207 100</u>	<u>241 423</u>		Commission services
Marketing and publications	<u>25 169</u>	<u>20 000</u>	<u>11 232</u>	4	Communication
Council and executive management	<u>184 127</u>	<u>204 600</u>	<u>207 762</u>	5	Event management
Commission support					
Regular grants	25 000	25 000	25 049		The Council provides Promotion of the profession
Specific grants	6 489	10 000	937	6	
	<u>31 489</u>	<u>35 000</u>	<u>25 986</u>		Executive management
Total regular expenditure	<u>448 667</u>	<u>466 700</u>	<u>486 403</u>		Member support
Surplus/deficit of regular income over regular expenditure	<u>-30 721</u>	<u>-36 292</u>	<u>-64 130</u>		Event development
PROJECTS					
Events - funds received by FIG					
Congress/Working Week	58 119	25 000	14 501	7	
Regional Conference	-1 181	5 000	24 157	8	
Commission events	11 428	8 000	-2 880	9	
Other events	-	-	5 879	10	
	<u>68 366</u>	<u>38 000</u>	<u>41 657</u>		
Other projects					
Income - sale of publications	1 643	-	140		
Other projects	1 774	12 500	22 211	11	
Miscellaneous income	151	-	501		
Costs	13 184	2 500	-	12	
Net result	<u>-9 616</u>	<u>10 000</u>	<u>22 853</u>		
RESULT					
Overall surplus/deficit in the year - normal activities	<u>28 029</u>	<u>11 708</u>	<u>380</u>		
Exceptional items					
Additional staff costs			50 713		
Items funded from reserves (as agreed by General Assembly)					
Young Surveyors Network	-		1 002		
Support for Poor Member Associations	-		1 121		
Total reserve at year end	503 453		450 997		
Specific reserves					
Commission reserves	11 428		8 548		
General reserve	492 025		442 449		
<i>General reserve as a % of regular annual expenditure</i>	<i>110 %</i>		<i>91 %</i>		

Notes

- 1 A loss of financial income was incurred in removing FIG funds from a Danish bank which ran into difficulties
- 2 Office costs includes salaries, postage/mail, telecomms, copying, office supplies and equipment, and miscellaneous
Salary costs increased significantly in 2009 due to staff changes
- 3 Outsourced office costs includes auditing, accounting and IT costs
Costs increased significantly in 2009 due to a change of bookkeeper and change of IT supplier
- 4 Marketing and publications includes printing, promotions, Annual Review
The variation between 2008 and 2009 is due to number of publications etc
- 5 Council and executive management includes costs of the Council and the Director, all travels funded by FIG, and all meeting costs
Travel costs increased in 2009 as a result of requests for the President and other Council members to attend events
- 6 Only limited grants were requested in 2009
- 7 The 2009 figure includes a late invoice for the 2008 Working Week
- 8 The 2008 loss was an additional invoice presented in 2008 for the 2007 regional conference
- 9 The 2009 figure is late costs for a 2008 Commission event
- 10 World Bank - FIG conference
- 11 2009 income is review of STDm for UN HABITAT and organisation of UN FAO event in Hanoi
- 12 The 2008 project costs included work on improving the office management systems

	Result 2009	Notes	Original Budget 2010	Revised Budget 2010	Notes	Original Budget 2011	Revised Budget 2011	Notes	Budget 2012	Notes
	€		€	€		€	€		€	
REGULAR INCOME										
Subscriptions		1								
Member associations	285 572		282 304	285 000	2	290 409	293 500	2	305 250	2
Affiliate members	16 361		20 000	18 000		24 000	24 000		25 000	
Corporate members	109 867		112 880	110 000		112 880	113 000		117 500	
Academic members	17 895		17 845	17 860		18 260	18 500		19 250	
Less bad debts	11 794		10 000	15 000	3	10 000	10 000		8 000	
	<u>417 702</u>		<u>423 029</u>	<u>415 860</u>		<u>435 549</u>	<u>439 000</u>		<u>459 000</u>	
Financial Income										
Less banking costs	4 866	13	15 000	12 000		15 000	13 000		14 000	
	284		-	250		-	250		-	
Total regular income	422 273		438 029	427 610		450 549	451 750		473 000	
REGULAR EXPENDITURE										
Administration										
Office costs	197 112		200 000	201 750	5,6	206 300	200 000	5,6	206 250	5,6
Outsourced office costs	44 311		27 000	32 000	7	28 000	27 000	7	29 000	7
	<u>241 423</u>		<u>227 000</u>	<u>233 750</u>		<u>234 300</u>	<u>227 000</u>		<u>235 250</u>	
Marketing and publications	11 232		28 000	24 000	8	20 000	15 000		17 500	
Council and executive management	207 762		207 000	206 000		210 000	207 000		213 000	
Commission and other groups support										
Regular grants	25 049		25 000	25 000		25 000	25 000		25 000	
Specific grants	937		10 000	10 000		10 000	10 000		10 000	
	<u>25 986</u>		<u>35 000</u>	<u>35 000</u>	9	<u>35 000</u>	<u>35 000</u>	9	<u>35 000</u>	9
Total regular expenditure	486 403		497 000	498 750		499 300	484 000		500 750	
Surplus/deficit of regular income over regular expenditure	-64 130		-58 971	-71 140		-48 751	-32 250		-27 750	

PROJECTS		Result 2009	Notes	Original Budget 2010	Revised Budget 2010	Notes	Original Budget 2011	Revised Budget 2011	Notes	Budget 2012	Notes
Events - funds received by FIG											
	Congress/Working Week	14 501		100 000	100 000		40 000	40 000		60 000	
	Regional conference	24 157		-	-		10 000	10 000		-	
	Other events	5 879		-	-		-	-		-	
	Commission events	-2 880		8 000	2 500		8 000	2 500		2 500	
		41 657		108 000	102 500		58 000	52 500		62 500	
Other projects											
	Income	22 853	11	5 000	5 000		5 000	5 000		5 000	
	Costs	-		2 500	1 000		2 500	1 000		1 000	
	Net result	22 853		2 500	4 000		2 500	4 000		4 000	
RESULT											
Overall surplus/deficit in the year - normal activities		380		51 529	35 360		11 749	24 250		38 750	
Exceptional items											
	Additional staff costs	50 713	12		15 000	14		20 000	14		
	Web site development										
Items funded from reserves (as agreed by General Assembly)											
	Support for poor Member Associations	1 121		-	1 500	4	-	1 500	4	1 500	
	Young Surveyors Network	1 002	4	-	2 500	4	-	2 500	4	2 500	4
	Task Force support	-		-	5 000	10	-	5 000	10	5 000	10
Total reserves at year end											
	Commission reserves	450 997		8 548	462 357		8 548	457 607		487 357	
	Office development reserve									8 548	
	General reserve	442 449		-	453 809		-	449 059		478 809	0
	Total reserves as a % of regular annual expenditure	93 %			93 %			95 %		97 %	
	General reserve as a % of regular annual expenditure	91 %			91 %			93 %		96 %	

Notes:

- 1 The 2009 amounts are based on the audited accounts
- 2 Membership fees assume inflation increases in subscriptions for 2011 and 2012, and a generally stable membership (expulsions and new members about balancing) except for Affiliate members, where we are explicitly attempting to gain mapping agency members
- 3 Write off levels increased due to poor global economic situation
- 4 Young Surveyors Network treated as a Commission
- 5 Salaries include inflation uplifts: 2009 costs were high due to staff changes in the office
- 6 From 2010 FIG is committed to pay rent for the office. The amount is agreed to be 65,000 DKK per year.
- 7 Bookkeeping arrangements will be changed in 2010 to reduce costs
- 8 Postage and printing increased in 2010 because of large number of publications planned
- 9 Maximum regular Commission grant available maintained at the same level
- 10 Task Force support from Special Reserves
- 11 For 2009 - UN HABITAT and organising UN FAO Hanou conference - assumed some income-generating projects in future years
- 12 Exceptional salary costs due to staff changes
- 13 Costs of removing funds from failing Danish bank without giving notice
- 14 Budgeted for overhaul of website

Nomination Template for President

Nominee	
Name:	Iain Greenway
Member association:	RICS
Country:	United Kingdom
Contact address:	26 Ballycrochan Avenue Bangor BT19 7LA
Email address:	iain.greenway@btinternet.com
Age:	44
Degrees and educational background:	MA (Engineering) – University of Cambridge MSc (Land Survey) – University College London MBA – Cranfield University Professional qualifications: Member of the Royal Institution of Chartered Surveyors (MRICS) Fellow of the Chartered Institution of Civil Engineering Surveyors (FCInstCES) Fellow of the Irish Institution of Surveyors (FIS) Member of the Chartered Institute of Marketing (MCIM)
Employment history - current position - previous	Operations Director and Chief Survey Officer, Land & Property Services (2008-) Chief Executive, Ordnance Survey of Northern Ireland (2006-2008) Operations Director, Ordnance Survey Ireland (2000-2006) Her Majesty's Treasury (UK Finance Ministry) (1999-2000) Various technical, business and managerial roles, including international consultancy, Ordnance Survey of Great Britain (1987-1999)
Positions of trust - current - previous	Director, Survey Review Ltd (publisher of learned journal) (1996-) Treasurer of United Kingdom Agency Chief Executives Association (2006-) External Examiner, Dublin Institute of Technology (2003-2006) Church warden (2003-2005) and treasurer (1994-1999)
Positions in FIG - current	Vice President (2009-) Chair, Standards Network (2002-2009) and Standards Task Force (1998-2002)

Nomination Template for President

- previous	<p>Chair, Task Force on Institutional and Organisational Development (2006-)</p> <p>Director, FIG Foundation (2000-)</p> <p>Secretary, Commission 5 (1994-1998)</p> <p>Vice chair, commission 1 (1998-2009)</p> <p>Member, Task Force on Governance (2004-2006)</p>
Other activities in FIG	<p>RICS delegate to commission 5 (1994-1998)</p> <p>RICS delegate to commission 1 (1998-2008)</p> <p>Head of RICS delegation to FIG (1999-2006)</p> <p>Editor of Business Matters for Surveyors (publication 28)</p> <p>Editor of FIG Guide to Standardisation (publication 27)</p> <p>Lead FIG expert to ISO/TC 211 (Geographic information/ Geomatics) (1997-)</p>
Field of surveying discipline	Land surveying/ geomatics
Nominees statement	
Why I want to be the President of FIG	<p>I have been actively involved in FIG for 16 years, and in that time have taken on a very wide range of key roles in Commissions, Task Forces, the Foundation and the Council. This has given me a broad and deep understanding of the aims and objectives of FIG. In my 'day job', I have worked in senior positions in national mapping agencies for a number of years, and have worked overseas. I believe that I have shown since 1994 that I am able to further the Federation's aims and activities significantly through my knowledge, experience and commitment.</p> <p>I believe that I am therefore well equipped to lead the ongoing development of FIG as the world's foremost body of surveyors. If elected, I commit to use all of my knowledge and experience gained in and beyond FIG to date, along with my ongoing proven commitment, for furthering the work of the Federation.</p>
What I can offer to FIG in support of its aims and objectives	<p>FIG has tremendous strengths, particularly in its ability to work with institutions such as the World Bank and the UN. It is crucial that we continue to deliver on our commitments and meet their expectations.</p> <p>If elected President, I would build on the immense progress made by recent Bureaux and Councils in making FIG's voice relevant and respected in key</p>

Nomination Template for President

	<p>international organizations.</p> <p>I would also work to strengthen FIG's connection to individual surveyors in the developed and developing worlds. We need to sharpen our communication of the work and major successes of FIG, and how they are relevant to our individual members. This requires joined up planning and communication of the work of the FIG Council, Commissions, Task Forces and Foundation. It requires clear understanding of how the various work within FIG fits together to make the whole more than the sum of the parts. Work over recent years has given FIG a solid financial footing, and a strong and positive external profile, as well as a coherent structure and administration. We have many talented and committed individuals in our member organizations. By connecting all of this still better, we can deliver more from and for our member associations, affiliate members, corporate members and academic members – and their members. FIG will then continue to lead, shape and deliver for its members and for the sustainable development of our world.</p> <p>My track record in FIG includes many achievements, including:</p> <ul style="list-style-type: none">• During recent years, I have significantly raised the profile of FIG in standardization activity, with FIG now highly regarded in the ISO community.• I have a strong background in management and leadership, including strategic development of organisations (my career has included consultancy work in Africa and Eastern Europe), and bring a knowledge of the needs of national mapping and cadastral agencies and what they can contribute to FIG and the international community; I have used this, for instance, in helping to plan the Director General Forums at recent Working Weeks.• In my current role as chair of the Task Force on Institutional and Organisational Development, I am furthering FIG's work in support of its developing relationship with the World Bank and in supporting the achievement of the United Nations' Millennium Development Goals.• As Vice President, I have worked with the FIG Office and Council colleagues to overhaul the financial management of the Federation to make it fit for
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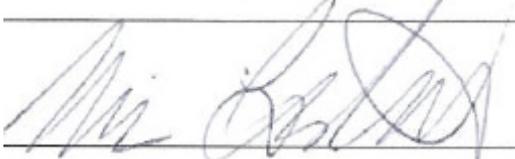
Nomination Template for President

	<p>purpose; this has shown my willingness to work hard to understand what is needed, and my capacity to bring forward workable and acceptable solutions to challenges.</p> <ul style="list-style-type: none"> As head of delegation from a member association to the Federation for eight years, I have gained an extensive understanding of what member associations look to FIG to deliver. <p>I have a strong track record, in my employment and within FIG, of seeing the big picture, creating a focused, challenging and realistic plan and then ensuring that the plan is successfully delivered. I promise that, if elected, I would continue to do all of this as President. In this way, I believe that I would be able to further the work of the Federation, to the benefit of its members and its broad range of stakeholders.</p>
My key skills	<p>Strategic thinking and leadership Commitment and delivery Ability to work with a wide range of people across cultures, including in distance working</p>
Any other general comments	I have the commitment of my employers to support me as President of FIG

Nominator	
Name of member association	RICS
Name and title of contact person	Max Crofts, President
Contact address	12 Great George Street, London, SW1P 3AD
Email address	president@rics.org
Nominator's statement	
Why the association wants to nominate Nominee	<p>Iain Greenway has played an active role in FIG, with the support of RICS, for 16 years, successfully taking on a wide range of leadership roles. He has built a strong understanding within RICS of the capabilities of FIG and of the benefits that the Federation can bring to RICS, and played a key role in building a strong relationship between the Institution and the Federation.</p> <p>Iain has worked internationally and, through this and his</p>

Nomination Template for President

	<p>senior roles in three national mapping agencies, has a broad understanding of the needs of surveyors around the world. His current work leading the FIG Task Force on Institutional and Organisational Development is something that RICS sees as very important, linking as it does to the UN Millennium Development Goals and the work that FIG is doing with the World Bank.</p> <p>We believe that Iain can assist significantly in the further development of FIG, something which RICS is committed to support. It is for these reasons that RICS wishes to nominate Iain Greenway as President of FIG.</p>
Support the association can offer the Nominee (financial and other)	RICS may be able to offer assistance to Iain on a number of levels. RICS has an extensive network of international offices which might be able to provide local support for his work as President of FIG.
Any other comments	RICS is committed to its continued involvement with FIG and supports a number of delegates and commission chairs. RICS last had an FIG President in 1994-98 Prof Peter Dale FRICS and very much views Iain's presidential nomination as a continuation of our long relationship with FIG and its goals.

<p>Signed I hereby certify the above is true and correct</p>	
Date	26/11/09
Nominee	
Nominator	 Max Crofts RICS President 2009-10



Nomination Template for President

Nominee	
Name:	Matthew Bryan Higgins
Member association:	Surveying and Spatial Sciences Institute
Country:	Australia
Contact address:	97 Cavendish St Nundah, Qld, 4012 Australia
Email address:	higginsm@bigpond.net.au
Age:	49
Degrees and educational background:	<ul style="list-style-type: none">• Bachelor of Applied Science, Surveying (With Distinction), Queensland University of Technology, 1983;• Registered Cadastral Surveyor, Surveyors Board of Queensland, 1985;• Master of Surveying and Mapping Science, University of Queensland, 1988.
Employment history - current position - previous	Currently: <ul style="list-style-type: none">• Principal Survey Advisor, Queensland Department of Environment and Resource Management;• Project Leader in Australia's Cooperative Research Centre for Spatial Information. Previously: <ul style="list-style-type: none">• More than 30 years experience in several roles as manager, advisor and professional specialist in the Queensland Government;• Several periods of work external to government while seconded to private surveying firms, universities and research organizations.
Positions of trust - current - previous	In addition to FIG Positions outlined in the next section: <ul style="list-style-type: none">• Member of several industry sub-committees for policy development under the Australia and New Zealand Land Information Council;• Current Co-Chair of a Working Group of the United Nations mandated International Committee on Global Navigation Satellite Systems;• Current President of the International Global Navigation Satellite Systems Society (IGNSS Society);• Current Chair of the Expert Panel for the Australian Region of the European Satellite Navigation Competition and associated business incubation activities;• Past member of the Editorial Advisory Board of the US based magazine GPS World.
Positions in FIG - current	Currently: <ul style="list-style-type: none">• Vice President of FIG (2007 to 2010);



Nomination Template for President

<p>- previous</p>	<ul style="list-style-type: none"> • Chair of the Advisory Committee of Commission Officers (2007 to 2010); <p>Previously:</p> <ul style="list-style-type: none"> • Chair, Commission 5 (2003 to 2006); • Chair-Elect, Commission 5 (1999 to 2002); • Chair Working Group 5.5 (1995 to 1998).
<p>Other activities in FIG</p>	<ul style="list-style-type: none"> • Developed liaison processes to revitalize and give substance to the Memorandum of Understanding between FIG and the International Association of Geodesy (IAG); • Initiated FIG's Membership of the International Committee on Global Navigation Satellite Systems, which is mandated through the United Nations Committee on the Peaceful Use of Outer Space; • Initiated the development of Memorandum of Understanding between FIG and the UN Office for Outer Space Affairs. It covers Space Technology for Disaster Management, GNSS and Education in Space Technology, especially in developing countries. <p>Member on several FIG Task Forces including:</p> <ul style="list-style-type: none"> • Task Force on the Cultures and Languages; • United Nations Cooperation Network. • Task Force on Governance Structures.
<p>Field of surveying discipline</p>	<p>Land Surveying and Spatial Science as a Registered Cadastral Surveyor and expert in Positioning Systems and Geodesy and the associated legislation, policies, field operations and data management.</p>
<p>Nominees statement</p>	
<p>Why I want to be the President of FIG</p>	<p>I have three main motivations in nominating for President:</p> <ul style="list-style-type: none"> • To help FIG to continue to make a difference to society and in doing so, to enhance the reputation and competence of our profession; • To fulfill my responsibility to repay at least some of what I have gained, personally and professionally, from FIG over the past 16 years; • To respond to many colleagues around the world who believe I am well qualified for the Presidency and that a nomination from someone with my background is important for the democratic process.
<p>What I can offer to FIG in support of its aims and objectives</p>	<p>During my 16 years so far with FIG, I have progressed from a Working Group Chair to Commission Chair to ACCO Representative on Council to my current roles as Vice President in charge of Commissions and as assistant to the President in the organization of the Sydney Congress. I have also been involved in several, key whole-of-FIG Task Forces.</p>



Nomination Template for President

	<p>In my day-to-day career, I have dealt with people from across all sectors of our industry, across a broad spectrum of activities and across local, state, national, regional and international extents. As an Australian, I work in a large and sparsely populated continent where dealing with the land often means stretching resources and using technology appropriately.</p> <p>The following are some specific challenges that I believe I am well qualified to help FIG address during the term of the next Council:</p> <ul style="list-style-type: none">• To grow FIG Membership globally;• To maintain the continuing strong growth of the “FIG brand” and the associated expectations, by ensuring that FIG has the financial and other resources required;• To foster such growth while recognizing the limitations of an organization based largely on the work of volunteers;• To ensure the work of FIG continues to address the problems of society. One pressing example where FIG needs to become more engaged is Climate Change;• To strengthen FIG’s work in support of Member Associations in developing countries, while ensuring that Member Associations in developed economies also continue to find value in FIG involvement;• To develop FIG’s ability to recognize and capitalize on cultural and linguistic diversity, while maintaining FIG’s unity and its strong global voice for the profession;• To develop ways for private sector surveyors to be more actively involved in FIG;• To more fully recognize that the FIG Corporate Members are significant drivers of the technological changes influencing our profession. This will require a more mature and inclusive partnership with these corporations, while also ensuring FIG’s need to maintain commercial and professional impartiality;• To develop practical ways to better leverage, develop and maintain our network of Academic Members;• To sustain the recent engagement with Young Surveyors, and encourage their progression to involvement in Commissions and other FIG activities;• To ensure that the Council work plan meets the expectations of all members groups, has a detailed annual implementation plan and has strong links to the Commission work plans;
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Nomination Template for President

	<ul style="list-style-type: none">• To ensure that the significant work in recent years to develop FIG's many Policy Statements and Declarations is fully leveraged through implementation plans acted upon by the Commissions and Task Forces;• To maintain existing links with the United Nations and develop new links by identifying specific agencies relevant to specific Commissions and then investigating the best ways to engage those agencies;• To ensure all Memoranda of Understanding with sister associations have concrete implementation plans with liaison led by the appropriate Commission;• To ensure that all Commissions have sufficient resources and National Delegate support to deliver their Work Plans;• To continue to ensure that the FIG Office has sufficient resources, procedures and continuity plans to meet the expectations of the Member Associations and in its support of the operations of FIG;• To modernize FIG's Internet presence and other communication mechanisms to ensure we are taking advantage of the latest innovations to best serve our Members globally.
My key skills	My key skills are: <ul style="list-style-type: none">• Ability to inspire and enthuse people;• Good communicator;• Strategy and policy development;• International outlook;• Innovative but pragmatic approach;• Ability to turn plans into concrete action.
Any other general comments	My employer will support my role as FIG President with the necessary time to undertake FIG business and associated travel. My employer will also offer logistical support through the use of office accommodation and access to computers, internet and telephone connections, etc.



Nomination Template for President

Nominator	
Name of member association	Surveying and Spatial Sciences Institute (SSSI)
Name and title of contact person	Michael, Giudici, President of SSSI
Contact address	27-29 Napier Close Deakin, ACT 2600 Australia
Email address	mgiudici@lesterfranks.com.au
Nominator's statement	
Why the association wants to nominate Nominee	<p>The Australian Surveying profession has a long and mutually beneficial history of involvement in FIG, including hosting the FIG Bureau in the 1990s, supporting several Commission Chairs and Working Group officers (past and present) and now with the hosting of the FIG Congress in Sydney in 2010.</p> <p>Matt Higgins is a well known member of our profession in Australia and is very highly respected across the private, government and education sectors of our industry. The strength of his reputation and leadership is evidenced by the Award for Professional Eminence and Excellence in the Spatial Sciences, which was bestowed on him in 2005. That is the Australian profession's highest award to an individual in any given year.</p> <p>For the past 16 years, Matt Higgins has been a key person behind the relationship between FIG and the profession in Australia. As well as his extensive global experience in the work of FIG Council and its Commissions, Matt has been very active in promoting the activities of FIG across the Asia Pacific Region, a goal that SSSI strongly supports.</p> <p>The SSSI believes that Matt Higgins has the right experience, skills and global outlook to lead the Federation. The SSSI is therefore honored to nominate him for the position of President of FIG.</p>
Support the association can offer the Nominee (financial and other)	SSSI intends to allocate part of its share of any surplus from the Sydney 2010 Congress to improve and sustain the level of support to our various activities in FIG. SSSI would also be willing to make some of those funds available to support Matt's activities as FIG President, especially where such activities further our mutual goal to develop the profession in the Asia Pacific region.



Nomination Template for President

	SSSI will also support Matt through the staff and facilities of our national office (as required and in coordination with the FIG Office) and through the advice and support of key members of the various discipline areas represented across the structure of the SSSI.
Any other comments	The Australian Membership of FIG is in the process of being handed from the Institution of Surveyors Australia (ISA) to the Surveying and Spatial Sciences Institute (SSSI). Jonathan Saxon, the President of ISA fully supports the nomination of Matt Higgins and has agreed that because ISA is in the process of being disbanded and is handing all responsibilities to SSSI, the appropriate organization to officially make this nomination is SSSI.

Signed I hereby certify the above is true and correct	
Date	7 December 2009
Nominee	 Matthew Higgins, Nominee for FIG President
Nominator	 Michael Giudici, President of the Surveying and Spatial Sciences Institute



Nomination Template for President

Nominee	
Name:	CheeHai TEO
Member association:	Association of Authorised Land Surveyors Malaysia
Country:	Malaysia
Contact address:	2735A, Jalan Permata 4, Taman Permata, 53300 Kuala Lumpur, Malaysia
Email address:	chteo.surveyor@gmail.com
Age:	50 years
Degrees and educational background:	Master of Science (Malaysia) (2004) Bachelor of Applied Science (Australia) (1980)
Employment history - current position - previous	Advisor (since 2009) Geometra Surveys Sdn Bhd Director (1987 - 2009) Geometra Surveys Sdn Bhd Area Manager (1984 – 1987) Geometra Surveys Sdn Bhd (Malaysia) Senior Surveyor (1982 – 1984) Jurukur Perunding Services Sdn Bhd (Malaysia) Senior Surveyor (1982) Buxton Tuder & Waugh (New Zealand) Senior Surveyor (1982) Geometra International Pte Ltd (Singapore) Surveyor (1981) Geometra Surveys Sdn Bhd (Malaysia)
Positions of trust - current - previous	<i>(current)</i> Vice President, International Federation of Surveyors Member, Professional Development Corporation Consultative Panel <i>(appointed by Minister of Works Malaysia)</i> Executive Council Member Association of Authorised Land Surveyors Malaysia Council Member ASEAN Federation of Land Surveying and Geomatics Member RICS Asia Board/Asia Education Standards Board <i>(previous)</i> Chair, Standing Committee on Globalisation and Liberalisation of Trade in Services, Institution of Surveyors Malaysia



Nomination Template for President

	<p>Member, Land Surveyors Board Malaysia (2005 – 2009) <i>(Appointed by Minister of Natural Resources and Environment Malaysia)</i></p> <p>Member, Land Surveyors Board Malaysia (2003 – 2005) <i>(Appointed by Minister of Land and Cooperative Development)</i></p> <p>Secretary General (2003 – 2005) ASEAN Federation of Land Surveying and Geomatics</p> <p>Director (2002 – 2004) Professional Services Development Corporation <i>(Appointed by Minister of Finance Malaysia)</i></p> <p>Vice President (2000 – 2002) Association of Authorised Land Surveyors Malaysia</p> <p>Member, National Economic Consultative Council II (1999 – 2000) <i>(Appointed by Prime Minister of Malaysia)</i></p> <p>President (1999 – 2000) Institution of Surveyors Malaysia</p> <p>Secretary General (1995 – 1999) Association of Authorised Land Surveyors Malaysia</p> <p>Treasurer (1994 – 1995) Association of Authorised Land Surveyors Malaysia</p> <p>Secretary General (1993 – 1994) Institution of Surveyors Malaysia</p>
<p>Positions in FIG</p> <ul style="list-style-type: none"> - current - previous 	<p><i>(current)</i></p> <p>Vice President (2009 – 2012)</p> <p><i>(previous)</i></p> <p>nil</p>
Other activities in FIG	<p>National Delegate to FIG (1999 – 2009)</p> <p>Member, Task Force on Governance Structure</p> <p>Member, Nominations Review Group</p> <p>Member, Task Force on Mutual Recognition of Qualifications</p>
Field of surveying discipline	Land and Hydrographic Surveying
Nominees statement	
Why I want to be the President of FIG	<p>Recognizing the importance of working collaboratively and collectively to enhance the relevance and eminence of the surveying profession internationally, regionally and locally, it is my firm belief that past involvement in professional surveying learned bodies, including leadership positions has prepared me sufficiently to embrace this challenge to work collaboratively with all that the profession embraces to further advance the profession-of-our-choice.</p>



Nomination Template for President

What I can offer to FIG in support of its aims and objectives	<p>I can offer FIG –</p> <ul style="list-style-type: none"> ✓ the passion and dedication to work collaboratively and collectively to support the aims and objectives of FIG for common good. ✓ my 20 years of experience involving in the work of professional learned bodies which included a vast spectrum of responsibilities in varying capacities and positions. ✓ a continuing and growing appreciation for and, understanding of the value and importance to embrace diversity and multi-culturality.
My key skills	<p>Key experience included –</p> <ul style="list-style-type: none"> ✓ Planning, implementation and management of surveying projects that encompass a variety of inter-related activities and tasks; ✓ Leadership in professional surveying organizations including that of multiple surveying disciplines; ✓ Development of policies and regulatory framework; and ✓ Trade in Professional Services Negotiations and Formulation of Regional Mutual Recognition Arrangement.
Any other general comments	<p>As the world faces many challenges in this day and age/time, it is incumbent on/that FIG addresses the many issues that arises within its sphere of knowledge and influence.</p> <p>Building on previous efforts of past councils and bureau is paramount in ensuring that FIG continues to play its key and significant role towards minimizing “future-tense” anxieties and providing clarity through the continual process of building competence, confidence and capacity within the profession-of-our-choice.</p>

Nominator	
Name of member association	Association of Authorised Land Surveyors Malaysia
Name and title of contact person	Hanafi Mamat President
Contact address	Association of Authorised Land Surveyors Malaysia 2721 Tingkat 1, Jalan Permata 4, Taman Permata 53300 Kuala Lumpur
Email address	pejuta@streamyx.com.my
Nominator’s statement	
Why the association wants to nominate Nominee	The Association has been active since elected as the sole member association from Malaysia and supports the aims and ideals of the International Federation of Surveyors.



Nomination Template for President

	<p>The Association is very grateful to the FIG family for the honour and trust when elevating our nominee, Mr. CheeHai TEO at the Stockholm General Assembly to the post of Vice-President (2009 – 2012). The Association believes it is now ready to play a more active role in FIG to ensure the continued relevance and eminence of the surveying profession.</p> <p>Mr. CheeHai TEO is eminently suited and qualified for the position of President of FIG, having provided leadership in both local and regional surveying associations/institutions. His experience alone means that he would bring into the leadership of FIG, different and important perspectives.</p>
Support the association can offer the Nominee (financial and other)	<p>The nomination of Mr CheeHai TEO is a decision of the Association. The Association as well as the country will be equally honoured when he is elected and will thus provide him with the requisite support including administrative as well as financial support, to ensure a successful presidency.</p>
Any other comments	<p>It must be noted that in Malaysia, Surveyors includes not only the land and hydrographic surveyors, but also the property consultant and valuation surveyors, quantity surveyors and construction cost economist and building surveyors. Having helmed the Institution of Surveyors Malaysia as President (during the turn of the millennium), he will bring to FIG that understanding and ability to work with the various surveying disciplines and its complexities.</p> <p>In his practice, he works on projects with varying scopes and complexities involving multi-disciplinary project teams and this demonstrates his ability to understand and collaborate with not only professionals from within the surveying profession like the valuers, the quantity surveyors and the planners, but also allied professionals like the engineers and architects.</p> <p>Mr. CheeHai TEO continues to be consulted, due to his experience and knowledge, in regional and bilateral trade negotiations by the Malaysian Surveying Profession. His involvement in matters such as these, will be an asset to FIG.</p>



Nomination Template for President

Signed I hereby certify the above is true and correct	
Date	7 th December 2009
Nominee	 ----- CheeHai TEO
Nominator	 ----- Hanafi Mamat President Association of Authorised Land Surveyors Malaysia



Nomination Template for Vice President

Nominee	
Name:	Dalal Sobhy Alnagar
Member association:	Egyptian Commission for Surveying and Mapping
Country:	Egypt
Contact address:	2 Nakhil Street, Cairo-Alexandria Desert road. Villa Shaker.
Email address:	dalnagar@trainingcenter-eg.com
Age:	60
Degrees and educational background:	<p>1986: PhD (Civil Engineering, Major: Physical Geodesy) Faculty of Engineering, Cairo University-Egypt</p> <p>1983: M.Sc. (Civil Engineering, Major: Physical Geodesy) Faculty of Engineering, Cairo University-Egypt</p> <p>1980: Diploma Engineering "Computer programming in Geodesy" Technical University of Graz, Austria.</p> <p>1972: B.Sc. (Civil Engineering) Faculty of Engineering Zagazig University, Egypt</p> <p>1967: American Diploma / American Schools for Girls (ASG) – Cairo/ Egypt</p>
Employment history - current position - previous	<p>1972 - 1975 Civil Engineer at Geodetic and Gravimetric Computation Department - Egyptian Survey Authority / MWRI.</p> <p>1975 - 1977 Civil Engineer at National Integrated Maps Project for Saudi Arabia, United Nations Office in Riyadh / KSA.</p> <p>1978 - 1983 Research Assistant at Survey Research Institute / National Water Research Center, MWRI - Egypt.</p> <p>1986 – 1985 Senior Engineer at Water Master Plan Project – Ministry of Water Resources and Irrigation / MWRI.</p> <p>1986 - 1988 Senior Researcher & Field Team Leader of Joint Projects at Drainage</p>



Nomination Template for Vice President

	<p>Research Institute - National Water Research Center.</p> <p>1988 - 1991 Associated Professor & Head of Field Studies Division / Drainage Research Institute – National Water Research Center / MWRI.</p> <p>1991 – 1993 Deputy Director of Survey Research Institute – National Water Research Center / MWRI.</p> <p>1994 – 2001 Professor & Director of Survey Research Institute – National Water Research Center, MWRI.</p> <p>2001 - 2009 Chairperson of Regional Center for Training & Water Studies / MWRI.</p> <p>2004 - 2009 Vice President of National Water Research Center / MWRI</p>
<p>Positions of trust</p> <ul style="list-style-type: none"> - current - previous 	<p>Current</p> <ul style="list-style-type: none"> -Vice President of FIG -Vice President of Arab Union of Surveyors, AUS. -Vice President of Egyptian Committee of Surveying & Mapping, ECSM. -Prof. Dr. Of Geodesy / National Water Research Center, NWRC. <p>Previous</p> <ul style="list-style-type: none"> -Director of Regional Center for Training & Water Studies, RCTWS. -Director of Survey Research Institute, SRI/NWRC
<p>Positions in FIG</p> <ul style="list-style-type: none"> - current - previous 	<ul style="list-style-type: none"> - Vice President (2007-2010) - N/a
<p>Other activities in FIG</p>	<ul style="list-style-type: none"> - Coordinator of FIG Working Week (Egypt 2005) - Coordinator of Regional conference (Beirut 2009)
<p>Field of surveying discipline</p>	<ul style="list-style-type: none"> - Physical Geodesy
<p>Nominees statement</p>	
<p>Why I want to be Vice President</p>	<ul style="list-style-type: none"> - To draw a dynamic scenario of interactive cooperation between developed and developing countries. - To raise the issue of gender awareness in developing



Nomination Template for Vice President

	<p>countries and to put women on the right track of the profession in the developing countries.</p> <ul style="list-style-type: none"> - To aid the transfer of technology and applied sciences in the field of surveying from developed countries to Arab and African countries who are in dire need of applications in that field. - Encourage junior engineers from developing countries to be members of important organizations such as the FIG.
What I can offer to FIG in support of its aims and objectives	<ul style="list-style-type: none"> - In order for FIG to achieve its aims of reaching developing countries in a region as important as the Middle East and African region, there has to be representative from these countries. As the only representative, I feel obliged to become the missing link of communication in order to assist the uplifting of the standards of capacity building in those countries. - Also, establishing a line of contact between the FIG and Middle Eastern and African surveying communities and universities to explain the roles of FIG and clarify the advantages of being members of the FIG.
My key skills	<ul style="list-style-type: none"> - Determined. - Hardworking . - Sociable Person. - Honest and humble. - Negotiation skills. - Skills that have been gained and nourished through 35 years of working and supervising several national and international surveying projects, applied researches, conferences and workshops.
Any other general comments	

Nominator	
Name of member association	Egyptian Commission of Surveying and Mapping
Name and title of contact person	Eng. Mohamed Mosaad Ibrahim President of the Egyptian Commission of Surveying and Mapping.
Contact address	218, Hegaz Street. Heliopolis, Cairo. Egypt.
Email address	Ibrahim_Mosaad@hotmail.com
Nominator's statement	
Why the association wants to nominate Nominee	Prof. Alnaggar has proven her firm possession of determination and energy when it came to projects and events held by the ECSM whether these projects were on the national or international levels. Her outstanding performance has led us to believe that she would be of great benefit to the ECSM if she is to join the FIG.



Nomination Template for Vice President

Support the association can offer the Nominee (financial and other)	
Any other comments	

Signed I hereby certify the above is true and correct	
Date	December 4 th , 2009
Nominee	Dalal Sobhy Alnaggar
Nominator	Mohamed Mosaad Ibrahim



Nomination Template for Vice President

Nominee	
Name:	Chryssy A Potsiou
Member association:	Technical Chamber of Greece (TCG) and Hellenic Association of Rural and Surveying Engineers (HARSE)
Country:	Greece
Contact address:	Lab of Photogrammetry School of Rural and Surveying Engineers National Technical University of Athens (NTUA) Zografos Technical University Campus 9 Iroon Polytechniou st 15780 Athens Greece
Email address:	chryssyp@survey.ntua.gr
Tel.	+30 210 7722688
Fax	+30 210 7213970
Age:	50
Degrees and educational background:	1982 Surveying Engineer, NTUA, Greece 1995 Phd in Cadastre and Spatial Information Management, NTUA For my academic performance I received scholarships both during my undergraduate and my post graduate studies 2006 Summer professional education courses at the Center for Real Estate of the Massachussets Institute of Technology (MIT) in the fields of <i>Real Estate Finance</i> , <i>Real Estate Markets</i> and <i>Commercial Real Estate Development</i>
Employment history - current position - previous	Current position: 2005-2009 Lecturer, School of Rural and Surveying Engineering, NTUA, http://www.survey.ntua.gr/main/labs/cadast/staff-e.html 2009- In the process of election to the position of Assistant Professor (NTUA) Previous positions: 2000-2005 Special research and teaching scientist at a permanent full time position (NTUA) 1993-2000 Research and teaching assistant (NTUA) 1982-1993 Private sector (involved in surveying, urban planning and urban regeneration projects) Parallel professional activity: 1982-2009 Private sector (cultural heritage documentation projects, photogrammetric projects, consultancy, cadastral, urban planning/regeneration projects, boundary disputes resolution, etc)



Nomination Template for Vice President

	<p>1998-2001 Technical consultant at KTIMATOLOGIO SA (the Hellenic Cadastral Agency)</p> <p>2009- Member of the Board of Directors of KTIMATOLOGIO SA (the Hellenic Cadastre Agency) http://www.ktimatologio.gr/ktima/EN/index.php?ID=qoQhyNCvtozm6ajS_EN</p>
<p>Positions of trust</p> <ul style="list-style-type: none">- current- previous	<p>Current:</p> <p>2009-2011 Elected bureau member UN/ECE Working Party on Land Administration (WPLA)</p> <p>2004-2009 Elected bureau member and secretary of the Hellenic Society for Photogrammetry and Remote Sensing (HSPRS)</p> <p>2008-2010 Elected bureau member Hellenic Society for Geographic Information (HellasGI)</p> <p>1999-2009 Delegate of Technical Chamber of Greece in FIG General Assembly</p> <p>2006-2010 Elected member in the General Assembly of Professors of the School of Rural and Surveying Engineers, NTUA.</p> <p>Member of several academic committees.</p> <ul style="list-style-type: none">- Member of scientific committees of HARSE- Regular author at the HARSE journal (about FIG activities)- FIG representative to UNECE WPLA- FIG representative and keynote speaker to the Turkish National GIS Congress 2009 <p>Previous:</p> <p>2001-2003, 2003-2006, 2006-2009 Elected bureau member UN/ECE WPLA</p> <p>1992-1995 (treasurer), 1995-1999 (treasurer), 1999-2004 (secretary) Elected bureau member HSPRS</p> <p>2002-2004, 2004-2006 Elected bureau member of the HellasGI</p> <ul style="list-style-type: none">- Member of the UNECE expert group for the compilation of the Land Administration Review in Bulgaria 2008-2009- Member of several scientific committees of the TCG for Cadastre and Land Management
<p>Positions in FIG</p> <ul style="list-style-type: none">- current- previous	<p>Current:</p> <ul style="list-style-type: none">- FIG Commission 3 chair (2006-2010)- ACCO representative to FIG Council (2006-2008 and 2008-2010)- Delegate in FIG General Assembly <p>Previous:</p> <ul style="list-style-type: none">- FIG Commission 3 vice chair (2002-2006)- FIG Commission 3 WG chair (1998-2006)



Nomination Template for Vice President

	<ul style="list-style-type: none">- FIG Chief Editor for the peer review procedure in FIG WW 2008 and FIG WW2009- Delegate in FIG General Assembly since 1999
Other activities in FIG	<ul style="list-style-type: none">- Served as General Secretary of the LOC for the organization of the Athens WW 2004- Initiated the current research on informal development in the greater European region by organizing the 2007 joint FIG Com3 and UNECE Workshop on Informal Development and by being Co-author in the UNECE publication on “<i>Self made cities</i>” http://www.unece.org/publications/oes/SelfMadeCities.pdf- Member of the Task Force on “Developing Global Land Tools for Pro Poor Land Management”- Author of the FIG/UN-HABITAT/GLTN research publication on “<i>Tools for Legal Integration and Provision of Environmental Improvements in Informal Settlements in Europe. A case study from Albania and Greece</i>”, delivered to UN-HABITAT and FIG by 16.7.2009, to be published.- Active contribution to the FIG/UN-HABITAT Seminar, in Stockholm, Sweden, 16–17 June 2008, for informal development in the countries in transition, and to the <i>publication No 44</i>.- Co-editor for the following issues of scientific peer reviewed journals publishing FIG Com3 papers:<ol style="list-style-type: none">1. <i>Technica Chronika, Scientific Journal of the Technical Chamber of Greece</i>, May-December 2008, vol 28(2-3)2. <i>SaLIS, Scientific and Technical Journal of the American Association for Geodetic Surveying</i>, June 2008, vol 68(2)3. <i>Nordic Journal of Surveying and Real Estate</i>, special issue vol 4 (2009)- Co-author of the FIG publication on “<i>Megacities: Trends in Spatial Information Management</i>”- FIG columnist for GeoInformatics in 2007- Contributing author to GIM INTERNATIONAL, FIG page (01/07/2007 and 01/06/2008)- Published in total 60 papers and 20 presentations mostly in FIG, UNECE WPLA and ISPRS conferences, and other surveying scientific journals etc. <p>With the valuable, volunteer and consistent support of the FIG Com3 Vice chair of Administration <i>Mr G. Apostolatos</i>, also supported by the TCG, so far we have organized three FIG Com3 annual Workshops (Sounio 2007, Valencia 2008 and Mainz 2009).</p> <p>Through that, FIG Com3 has established:</p> <ul style="list-style-type: none">- Cooperation with UNECE for the organization of the 2007 joint FIG Com3/UNECE Workshop in Sounio,- Cooperation with FIG Com2 for the organization of the 2008 FIG



Nomination Template for Vice President

	<p>Com3 Workshop in Valencia</p> <ul style="list-style-type: none"> - Cooperation with FIG Com7, Com3 and WPLA for the organization of the 2003 Workshop in Greece, - Cooperation with FIG Com7 for supporting the 2009 Workshop in Moldova, and for the organization of the 2010 FIG Com3 Workshop in Sofia, Bulgaria
Field of surveying discipline	Land Management (Cadastral and land policy, Spatial Information Management, Planning, Valuation and Real Estate Markets).
Nominees statement	
Why I want to be Vice President	<p>Through the new role of a Vice President of the Federation, I wish to continue and broaden my voluntary and fruitful cooperation with all member associations and their delegates from the private, public and academic sectors, so that we will coordinate our efforts and contribute to the countries' needs in developing in depth global experience and knowledge sharing in Land Management aspects.</p> <p>I will also continue to work so that we will coordinate our FIG research with the United Nations and the World Bank action plans and develop tools and policies in supporting the achievement of the Millennium Development Goals.</p>
What I can offer to FIG in support of its aims and objectives	<p>I have been participating to FIG since 1983. I have been contributing through various roles, e.g., as Com 7 and later as Com 3 delegate, chair of Com3WGs, vice chair of Com3. During my term as chair of FIG Com3, Com3 has organized three annual workshops and two expert group meetings, established a close cooperation among the public, private and academic sectors, and valuable synergies with the WB and UN agencies and ISPRS; Com3 has introduced a focused in depth research on aspects like informal development, rapid urbanization and Megacities management through its workshops; Com3 was also the first to apply the optional peer review system. As ACCO representative, during my first period 2006-2008, I have introduced the optional double blind peer review procedure for the papers presented in the WWs as well, and I served as chief editor for the papers submitted for the review in the Stockholm and Eilat Working Weeks.</p> <p>All these years of my involvement in the international activities I had the chance to develop a broad understanding of the FIG goals and objectives but also of the urgent needs that should be addressed in many countries. For the future, as FIG Vice President, I offer my commitment to work on behalf of the Federation to coordinate and promote cooperation and to facilitate the contribution and the active participation of all our members in supporting both the regional and the global Land Management issues.</p>



Nomination Template for Vice President

My key skills	My skills include energy and enthusiasm for <i>volunteer</i> work; commitment to the goals and objectives of FIG; commitment to work cooperatively in the international environment with professionals from <i>various cultures and backgrounds</i> , and to <i>highly respect their experience and knowledge</i> ; and a keen understanding of the importance of cadastre, land management, informal development, urban regeneration, planning, and the real estate market to our profession.
Any other general comments	I have enjoyed the full support of the Technical Chamber of Greece, the Hellenic Association of Rural and Surveying Engineers and my University for my activities in FIG in the past and have the assurance of their support for my future participation in the Federation. Please see the attached letters of support.



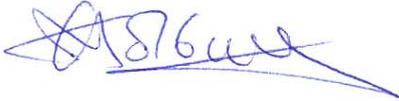
Nomination Template for Vice President

Nominator	
Name of member association	Technical Chamber of Greece (TCG)
Name and title of contact person	Yannis Alavanos, Surveying Engineer, President of TCG
Contact address	4 Nikis str, 10248 Athens, Greece
Email address	ialav@tee.gr
Nominator's statement	
Why the association wants to nominate Nominee	<p>The TCG represents the total of University graduated engineers of Greece and one of its major roles is to act as the technical advisory organization of the Hellenic State. The TCG is also active and contributes to the international community of engineers in general and Surveyors in particular through various international posts and activities. Our association puts great value on international cooperation, experience and knowledge sharing in all fields of surveying, and land management.</p> <p>Dr Potsiou is a member of our Association and she has worked successfully and consistently for the establishment of a close cooperation among the TCG, and FIG, UN agencies, the FIG member associations and their FIG national delegates from the public, the private and the academic sectors in the field of Land Management and Spatial Information Management, for a long period. During her involvement in FIG, as a delegate of the TCG, the TCG has provided all kind of support (e.g. administrative, scientific, financial, etc).</p> <p>By example, we mention the contribution of both TCG and Dr Potsiou in the organization of the following events:</p> <ul style="list-style-type: none">- FIG Com3 Workshop in 2002 (Athens), TCG- joint FIG / UNECE Workshop in 2003 (Athens), TCG- Athens FIG WW 2004, TCG- in 2007, the joint FIG/UNECE Workshop in Sounio, by the Technical Chamber of Greece,- in 2008, the joint FIG Com3 and Com2 Workshop in Valencia, in cooperation with the Colegio Oficial de Ingenieros Técnicos en Topografía,- in 2009, the FIG Com3 Workshop in Mainz, in cooperation with the DVW - Deutscher Verein für Vermessungswesen - Gesellschaft für Geodäsie, Geoinformation und Landmanagement,- in 2008, the joint FIG / UN HABITAT/ GLTN expert group meeting in Athens, by the TCG, on informal development



Nomination Template for Vice President

	<p>- in 2009 in Paris, in cooperation with the Ordre des Géomètres-Experts OGE FIG Expert Group Meeting, on Megacities Management and she has contributed to the compilation of several important FIG and/or UN publications.</p> <p>We believe that Dr Potsiou will continue to serve the surveyors' international community as actively as FIG Vice President and she will have our support.</p>
Support the association can offer the Nominee (financial and other)	The TCG has so far generously supported many FIG and FIG Commission 3 activities and will continue to provide any necessary support to Dr Potsiou in her activity as FIG Vice President. In addition, the TCG is willing to contribute to this task by organizing and hosting meetings, providing the necessary scientific and administrative support, publishing of FIG studies, etc.
Any other comments	

Signed I hereby certify the above is true and correct	
Date	3.12.2009
Nominee	CHRYSSE A POTSIΟΥ 
Nominator	 Γιάννης Αλαβάνος



Nomination Template for Vice President

Nominator	
Name of member association	Hellenic Association of Rural and Surveying Engineers (H.A.R.S.E.)
Name and title of contact person	Stefanos Xekalakis, Rural and Surveying Engineer, President of H.A.R.S.E.
Contact address	61, Arachovis St., 10681 Athens, Greece
Email address	psdatm@tee.gr
Nominator's statement	
Why the association wants to nominate Nominee	<p>H.A.R.S.E. nominates Dr Chryssy A Potsiou, current chair of FIG Commission 3, for the position of Vice President of FIG. Dr Potsiou is a candidate for any one of the open positions for Vice President.</p> <p>Dr Potsiou is a member in good standing of H.A.R.S.E., a member association of FIG, and is well-known in the profession both here in Greece and internationally for her work in cadastre, spatial data infrastructures, informal development and other areas of Land Management.</p> <p>She always had the full support of this association for her work in FIG.</p> <p>Dr Potsiou served as secretary general of the local organizing committee for the FIG Working Week of 2004 held in Athens, Greece. She also served as chair of the organizing committee for the FIG Com3 Workshop on "spatial information management-Experiences and visions" in Athens in 2000, and as chair of the organizing committee of the joint FIG Com3 and Com7/UNECE Workshop in Athens in 2003. In addition Dr Potsiou has organized annual workshops in collaboration with H.A.R.S.E. in 2007 in Sounio, Greece on "informal development in Europe". She also serves as a frequent contributing author in H.A.R.S.E.'s journal.</p> <p>Dr Potsiou has been an active and consistent representative of the Greek surveying profession in FIG for 27 years as participant, delegate, commission member, convention and meetings organizer, WG chair, Commission chair and as ACCO representative to the FIG Council.</p> <p>H.A.R.S.E. values the contributions of Dr Potsiou and their importance to the surveying profession.</p>



Nomination Template for Vice President

Support the association can offer the Nominee (financial and other)	H.A.R.S.E. has so far "co-sponsored" many FIG and FIG Commission 3 activities and will continue to provide any necessary support to Dr Potsiou in her activity as FIG Vice President.
Any other comments	

Signed I hereby certify the above is true and correct	
Date	7. 12. 2009
Nominee	
Nominator	

Nomination Template for Vice President

Nominee	
Name:	Prof. Dr.-Ing. Rudolf STAIGER
Member association:	DVW e.V. - Deutscher Verein für Vermessungswesen – Gesellschaft für Geodäsie, Geoinformation und Landmanagement
Country:	Germany
Contact address:	University of Applied Sciences Bochum Fachbereich Vermessung + Geoinformatik Lennershofstrasse 140 44 801 Bochum D-Germany
Email address:	rudolf.staiger@hs-bochum.de
Age:	53
Degrees and educational background:	<p><u>Degrees:</u> Prof. Dr.-Ing., Diplom-Ingenieur (TU) (geodesy, University of Karlsruhe, Germany), Bachelor of Business Administration (BBA, OEKREAL, Zurich, CH)</p> <p><u>Educational background</u> 1976-1982: studies of geodesy (University Karlsruhe and École Nationale des Sciences Géographiques, IGN, Paris, France) 1983-1987 : Scientific Assistant, Geodetic Institute, University Karlsruhe</p>
Employment history - current position - previous	<p>1988-1994: Systems Engineer, Product Manager and Department Manager for Industrial Metrology KERN, Aarau, CH (later LEICA-Geosystems)</p> <p>1994-2005: Professor for Surveying Engineering, University of Essen, Germany</p> <p>Since 2005: Professor for Surveying Engineering, University of Applied Sciences Bochum, Germany</p>
Positions of trust - current - previous	<p>Since 2009: Vice-President of the University of Applied Sciences Bochum for Research, Technology and Transfer</p> <p>Since 2007: Member of ISO-Committee TC 172 Sc 6 Geodetic Instruments</p> <p>Since 2003: Member of the DIN-Kommission 17123-“Geodätische Instrumente”</p> <p>Since 2002: Chair of the Commission³ of DVW (National equivalent to FIG-Commission 5)</p>
Positions in FIG	Since 2009: Chief Editor for Peer Review System Sydney

Nomination Template for Vice President

<ul style="list-style-type: none"> - current - previous 	<p style="text-align: right;">2010-Congress</p> <p>Since 2007: Chair of Commission 5</p> <p>2003-2006: Chair of the working group 5.1</p>
Other activities in FIG	Since 2002: National Delegate for Commission 5
Field of surveying discipline	Surveying Instruments, Calibration, Geodetic Metrology, Close Range Coordinate Measurements, Terrestrial Laser Scanning
Nominees statement	
Why I want to be Vice President	FIG is the only organization which is representing surveying as a profession worldwide. In the times of “globalization” this role of representing our profession is extremely important. Therefore FIG needs a professional, experienced and active Council in order to fulfill the mentioned task.
What I can offer to FIG in support of its aims and objectives	<p>I am active in FIG since almost 10 years. As Chair of one of the technical Commissions and as Chief Editor of the Peer Review for Sydney 2010 I know our organization very well.</p> <p>Additionally I offer strong experience</p> <ul style="list-style-type: none"> - in academic teaching & research (14 years) - in industrial work (6 years with a leading manufacturer of surveying equipment) - in organizing events like Seminars (f. e. Terrestrial Laser Scanning) - in bringing young people into our profession - with my very successful Commission-work in FIG - with my broad knowledge of our profession
My key skills	<p>Languages: German (native language) French (Fluent) English (very good)</p> <p>Experience of work in NGOs (like DVW, ISO, etc.)</p> <p>Experience of Leadership from public and private employment.</p> <p>Ability to listen and to find a compromise.</p>
Any other general comments	

Nominator	
Name of member association	DVW – German Society for Geodesy, Geo-Information and Land Management

Nomination Template for Vice President

Name and title of contact person	Dr.-Ing. Karl-Friedrich Thoene DVW President
Contact address	DVW Office c/o Dipl.-Ing. Christiane Salbach Feierabendstrasse 12 D-79235 Vogtsburg-Oberrotweil Germany
Email address	karl-friedrich.thoene@dvw.de
Nominator's statement	
Why the association wants to nominate Nominee	Rudolf Staiger is nationally and internationally well reputed as a high qualified expert not only in the field of surveying instruments. Moreover, Staiger has gained a strong FIG experience at least as Chair of Commission 5, which is running in parallel to his chairmanship of the DVW Study Group "Measurement Methods and Systems" on both a scientific and practical level. DVW appreciates very much Staiger's capability of promoting communication between the FIG membership institutions and the experts standing behind the national associations.
Support the association can offer the Nominee (financial and other)	DVW will offer any necessary personal, financial and institutional support to the nominee as we have done in the past
Any other comments	

Signed	
I hereby certify the above is true and correct	
Date	December, 5 th 2009
Nominee	<i>Rudolf Staiger</i>
Nominator	<i>Karl-Friedrich Thoene</i>



Nomination Template for Chair Elect

Commission no. 10	
Nominee	
Name	Robert ŠINKNER
Country	Czech Republic
Contact Address	Jasanová 15, Ceske Budejovice, 370 08 Czech Republic, Europe
E-mail address	robert.sinkner@gefos.cz
Age	44 (October 9 th , 1964)
Degrees and educational background	Dipl. Ing. – Czech Technical University in Prague, Faculty of Construction, Surveying and Cartography, 1985 - 1988 MBA – Master of Business Administration, Sheffield Hallam University, 2001 -2004
Employment history - current position - previous	GEFOS, Joint Stock Company Director, Vice Chairman of the Board Business Director, Head of Department, surveyor
Positions of trust - current - previous	Private Company, co owner Employee
Positions in FIG - current - previous	Czech National Delegate to Com. 10 Member of CUSC, Member of the CUSC Board CUSC – Czech Union of Surveyors and Cartographers
Other activities in FIG	Active taking part in the last three Working Weeks and XXIII. Congress in Munich 2006
Field of surveying discipline	Construction and Engineering surveying, GIS, mapping, cadastral mapping, land administration
Nominees Statement:	
Why I want to be a Commission Chair and what I would like to achieve	I would like to affect the Commission activities directly, to convince people to join the Commission (National Delegates at first), to improve the cooperation between Commissions, to integrate the

	sponsors to the Commission 10 activities (it is a commercial Commission, isn't it?) and present FIG Foundation Projects as a part of Technical Session
What I can offer to FIG in support of the aims and objectives of the Commission	Broaden the activity from "British" part of the world to Middle and East Europe, Asia and Africa etc. (I can communicate in Russian language) Ask the National Candidates to join the Commission (at first to make an "inventory" of them) Help the students to see the importance of Construction Economics and Management
My key skills	Business skills, ability to listen to other people, open minded, ability the discuss the problems, friendly manners
Any other general comments	I like to work with FIG and I gained a lot of friends among the members in the last four years. I can improve my communication skills in the multicultural environment and I get international experience.

Nominator	
Name of member Association	 Cesky svaz geodetu a kartografu Czech Union of Surveyors and Cartographers (CUSC)
Name and title of contact person	Dipl. Ing. Vaclav Sanda President of CUSC
Contact address	Cesky svaz geodetu a kartografu Novotného lávka 5 116 68 Praha 1 CZECH REPUBLIC, EUROPE Fax + 42 221 082 374, Tel. + 42 221 082 374 President: Mr. Dipl. Ing. Vaclav Sanda Secretary General: Dipl. Ing. Jana Chudobova Chairman of the Committee for FIG: Prof. Dr. Pavel Novak
Email address	geodeti@csvts.cz; vaclav.sanda@gefos.cz

Nominator's statement	
Why the association wants to nominate Nominee	We know the knowledge and skills of our Nominee, we want to improve to position of FIG among our members
Support the Association can offer the Nominee (financial and other)	We can offer the professional support, administrative support, presentation in the technical paper. Financial support will be depend on the Association Account balance
Any other comments	We will have a direct contact with the Management of FIG, we can better convince the young surveyors to join the FIG activities
Signed	
I hereby certify the above is true and correct	
Date	August, 8 th , 2009
Nominee	
Nominator	 <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="text-align: center;">ČESKÝ SVAZ GEODETŮ A KARTOGRAFŮ Novotného lávka 5 116 68 Praha 1</p> </div>