

**Report to the 28<sup>th</sup> General Assembly  
FIG Working Week in Cairo, April 2005**

**FIG Commission 3 – Spatial Information Management  
Report of Activities 2004-2005**

**1. General**

Commission 3 aims at:

- Management of spatial information including related processes, procedures and resources supported by legal aspects and standardization;
- Management and transfer of knowledge and skills needed for SIM;
- Impacts on organizational structure, business models, professional practice and administration;
- Management of spatial information supporting environment protection, sustainable development and poverty reduction.
- Awareness to successful SIM by showing good practice like reliable spatial information for better decision making.
- Use of SIM-tools for citizens to support the goals of participatory democracy.
- Share good practice on managerial processes and infrastructure needed for handling data, using information and distributing knowledge.
- Encouraging decision-makers for a more extensive use of spatial information especially within good e-government and e-commerce.

**2. Commission 3 in line with the work plan 2002–2006**

FIG Commission 3 followed the accepted work plan which emphasis on inter-commission activities and interdisciplinary cooperation and is fully committed to these two pillars which can be seen on following results:

- Commission 3 contributes to Spatial Information Infrastructure, which is considered as a wider approach as spatial data infrastructure. The contacts to GSDI will result in a joint FIG-GSDI-Working Week 2005 in Cairo.
- Joint Commission activities on “Cost Effective Surveying Technology and Techniques” resulted in a Joint Working Group of Commissions 3, 5 and 7 on this topic.
- Multi-institutional cooperation on “Urban-Rural Interrelation” resulting in the FIG-publication No 33 “Marrakech Declaration”, which was recently translated into French and Arabic. COM3 - chaired this Working Group. Rob Mahoney, UK delegate of Commission 3, prepared the conceptual structure of this publication.

**3. Activities of Working Groups**

Commission 3 Working Groups (WG) are focusing on essential contributions of spatial information for sustainable development. The activities for achieving this goal are on a national as well as on an international level, namely

- Contributions to the topic “*e-Government and SIM*”,
- The clarification of needed “*SIM infrastructure*” for GSDI,
- The sharing of experiences of best practice concerning „*State of the art of SIM*“.
- The Joint WG on “*Knowledge in SIM*” provides the overarching principle for sharing and transferring knowledge achieved.
- The Commission 3 contribution to the Joint WG on “*3D-Cadastré*” emphasis the fact that a customer oriented approach to Land Administration requires an extended concept of Cadastral system as part of spatial information.

### **WG 3.1: e-Government and e-Citizen**, Chair: Mrs. Kari Strande (Norway)

In many countries there is a rapidly development going on now in the e-government field. During Cairo WW a session focuses on *SDI Legal and Policy Issues* and several papers addresses the requirements for a *spatial component of e-Government*.

WG3.1 members encouraged people to make presentations at various conferences with good examples of e-government programmes where GI is an essential component.

WG3.1 initiated and shaped the Cairo - Pre-Conference Workshop **WSE 1 – e-Government for e-Citizens: State of the Art on e-Government Initiatives**

A FIG publication “Best Practice Guideline on e-Government” (Working title) will be prepared by the working group “e-Government and e-Citizen” until the FIG Congress in Munich. Therefore the working group will meet during the FIG Working Week in Cairo to discuss the next activities. The proposal is to hold a special workshop with all the members of the working group until autumn 2005 to elaborate the publication. WG 3.1. contributes also – in addition to WG 3.3 - to the activities of the Joint Working Group with Commission 8, 4, 7 and 9 – „Spatial Land Planning Implications in Informal Settlements“.

### **WG 3.2: SIM infrastructure** Chair: Mr. Keith Murray (UK)

WG.3.2 contributes to the Cairo - Pre-Conference Workshop **WSS 2 – Standards Workshop – Part II – Taking the Step Implementing Standards to Resolve SDI Issues.**

### **WG 3.3: State of the art of SIM** Chair: Mrs. Chryssy Potsiou (Greece)

1. The WG 3.3 web inventory is installed and updated.
2. Inter-commission activity and cooperation with sister organization was developed by:
  - a. WG3.3 reviewed the UN-ECE-WPLA- "Guidelines on Land Administration". Spatial Information Management issues will be included into the new version.
3. The next steps of WG 3.3 are:
  - a. to activate persons within the COM3-community to contribute to the web inventory
  - b. to improve the web inventory by cooperating with other commissions.
  - c. continue the contribution to the joint "Low cost" activity
  - d. continue the contribution for the Inter-Commission activity for "informal settlements".
  - e. Continued contribution to the activities of the Joint Working Group with Commission 8, 4, 7 and 9 – „Spatial Land Planning Implications in Informal Settlements“.

### **Joint WG 2.4 (Com2&3) - Knowledge Transfer in SIM**

COM3 intends to co-organize a joint event on Knowledge Transfer in SIM together with COM2. This event shall be most likely combined with the activity of WG 3.1 on e-Government and e-Citizen. Based on cooperation with other WG and other Commissions this WG will:

- Develop methods and share experience on **education, training in SIM**
- Develop a position paper on a regional approach for a NSDI.

### **Inter-Commission Activity of Commissions 7 & 3 “3D-Cadaster”**

Co-chair from Commission 3: Prof. Yerach Doytsher (Israel)

From Commission 3 point of view 3D-Cadaster is a milestone towards a multidimensional (geo-spatial and multi-temporal) information management. The WG intends to publish during the 2006 Congress in Munich a FIG publication on guidelines to establish a 3D Cadastre, addressing legal, technical and institutional issues. Several papers at the WW in Cairo are focusing on the multidimensional approach summarized up to now under “3D Cadastre”.

## **4. Communication**

Commission 3 Vice-Chair for Administration and Information, Reinfried Mansberger, updates regularly the Commission 3 website. This website recently was adjusted to the design of the official FIG Homepage and transferred to the FIG-server with the active support from FIG Office. At the beginning of February Commission 3 published the *Electronic Newsletter 2004-5 on CD*. This CD – the forth in this working period - contains relevant information (publications, papers, pictures, persons, links etc.) on Commission activities. The CD was compiled, published and delivered to approximately 500 persons, including the national delegates, correspondents and friends of Commission 3 all over the world with the support of BEV-Austria, the Austrian Society of Surveying and Geoinformation, the University of Applied Life Sciences and Natural Resources Vienna, and the FIG office. The feedback from recipients proves that access to information is still a critical issue in a lot of countries, where access to Internet is expensive or slow. Therefore Commission 3 will continue this publication.

Commission 3 continues to keep the network of delegates, correspondents and friends of the Commission.

Gerhard Muggenhuber  
Chair, FIG Commission 3  
February 2005