



THE FIRST CONGRESS OF THE NATIONAL STUDENT NETWORK OF TOPOGRAPHIC, GEODESIC AND GEOMATIC ENGINEERING OF MEXICO - REPORT -



The University of Colima was honored to host the first congress of the National Student Network of Topographic, Geodesic and Geomatic Engineering of Mexico, April 18-20, 2018.

This National Student Network was created on October 16, 2013 with the aim of having a national student society that will benefit the integral formation of the future engineers of our guild. On July 17, 2017 it was established as a civil association to consolidate the national effort of students.

A total of 187 students participated in the congress, coming from 8 universities and different parts of the country: University of Colima, Autonomous University of Zacatecas, Autonomous University of San Luis Potosí, Autonomous University of Guerrero, University of Guadalajara, Autonomous University of Tamaulipas, National Polytechnic Institute, Autonomous University of Sinaloa, Faculty of Engineering Mochis.

The congress had international speakers as well as local ones. The countries that contributed with very interesting presentations were: Costa Rica, Argentina, Colombia, Uruguay and Dominican Republic.

The event was showcased with high level presentations, workshops on various topics and expert panels where topics of international and local interest were discussed.

The workshops were as follows:

- Unmanned aerial vehicles.
- Planning electrical transmission and transformation installations.
- GIS basic level.
- Pre-processing analysis of GPS data with freeware and online software.
- Geometric geodesy.
- The multifinal cadastre in practice.
- Photogrammetry.
- Generation of technical inputs in the process called: change of destination, for the national agricultural registry.



The panels of experts were:

- Unit costs and price tabulators.
- Entrepreneurship in topographic and geomatic engineering.
- Regulation of professional practice in Latin America.

The young surveyors had their own academic seminars led by the Surveyor Engineer Melissa Robert Sarraute from Uruguay, the Latin American coordinator of the young surveyor network of the International Federation of Surveyors, who coordinated the work sessions. Publicizing each and every one of the programs that this international federation has for young people, who were very excited to learn about FIG and grow their exposure internationally.

It is worth mentioning the commitment of the young organizers of the event and the support with national and international networks, such as professional associations of Mexico and the APPAT, Pan American Association of Professionals of Surveying and Topography, as well as the great projection into the future with upcoming events, inviting students and professionals to the second national congress of students with preliminary plans to be held in 2019 in San Luis Potosi.



Submitted by

-Surveying Engineer Melissa Robert, Latin American Coordinator for FIG Young Surveyors Network from Montevideo, Uruguay.

- Surveying Engineer Rigoberto A. Moreno Vázquez - Guadalajara, México.