

## 2<sup>nd</sup> International Training Course for Surveyors



The Consiglio Nazionale Geometri and Geometri Laureati in cooperation with Geoweb S.p.A., Company providing web services for surveyors, has promoted and organized the Second International Training Course of Territorial Survey; the course took place in Rome from the 20<sup>th</sup> of September to the 8<sup>th</sup> of October 2010.

The event has been supported with the patronage of the Faculty of Architecture University of Florence, Agenzia del Territorio, Sogei S.p.A., F.I.G., CLGE, EGoS, AGIT and it has been sponsored by the Aerial Surveying General Company – BLOM ASA of Parma, by Topoprogram & Service and by Leica Geosystems S.p.A.

The course was inaugurated at the conference hall of the Cassa Italiana di Previdenza e Assistenza Geometri by the President of CNGGL Mr. Fausto Savoldi and by the President of Geoweb S.p.A. Mr. Piero Panunzi; they have highlighted the continuous commitment of the Italian Surveyors towards continuing education and the importance of international cooperation for the professional development of territorial surveyors.

The opening ceremony was marked by significant speeches given by Mrs. Cryssy Potsiou F.I.G. Vice President, and President of the Spatial Information Management (3<sup>o</sup> F.I.G. Commission), by Eng. Franco Maggio Director of the Central Cadastre and Cartography Management of the Agenzia del Territorio, by Dr. Sandro Trevisanato, President of Sogei S.p.A., and by Mr. Randolph

Camilleri, President of EGoS, they expressed on behalf of Institutions and Professionals Associations represented their unanimous appreciation for the initiative.

Particularly noteworthy is also the warm message of congratulations sent to President Fausto Savoldi by F.I.G. President. Stig. Enemark, with which the International Federation of Surveyors wanted to underline the deepest appreciation to the Italian initiative and the attention to future development of a training model worthy of the highest consideration.

The final speech made by Mr. Giuseppe Simeone, Managing Director of Geoweb S.p.A. also pointed the “pride of Geoweb” in the continuous effort towards the improvement and facilitation of work of professionals, thanks to the strategic harmony established with CNGGL, with Sogei S.p.A. and with Agenzia del Territorio”; he also anticipated the development of an e-learning version of the Second International Training Course, intended to allow the diffusion to a wider audience.

To conclude the ceremony was the held of two interesting conferences on “The birth of Geodetic Cartography in Italy”, by Prof. Andrea Cantile, and “The Need for Spatial Information in Urban Management”, by Prof. Chryssy Potsiou.

The course entirely held in English had a regular start in the afternoon and saw the participation of Italian, Greek, Israeli and Turkish professors and lecturers and 23 students from Italy, Malta, Greece, Israel, Morocco, Montenegro and Turkey.

The Second International Training Course of Territorial Survey has based on three general aims.

- To promote mutual understanding and exchange information and experience between participants from different countries, cultures and religious belief.
- To provide a general introduction to new methods of survey and regarding the use of spatial information.
- To create effective opportunities for the achievement of specific experiences of territorial survey with the use of modern tools, programs and specific geographic dataset.

During the three weeks of the course, the educational work has been performed at Geoweb’s site and in the EUR area, following a thick calendar of theoretical and practical activities, it has been characterized by a continuous exchange between teacher and student and had as key point the greatest strength of practical experience, the prevalence of collection and data processing, without neglecting the essential theoretical concepts.

The first week was characterized after a review of methods of measurement of distances angles and slopes by an extensive series of lectures and practical exercises of Global Positioning System, and data processing.

An interesting technical visit at the head office of the Aerial Surveying General Company -BLOM ASA of Parma then opened the proceedings of the second week, with lectures and practical

experiences with the Remote Sensing Systems, Earth observation systems, photogrammetry and Laser Scanning.

The third week of the course was focused on geographic open source information system tools, with a dedicated practical experience focused on the implementation of a geographic information system and on the main examples of spatial analysis.

A particularly interesting feature of the course was registered with the organization of apposite conferences which have enriched the educational program through the explanation of recent cadastral changes. And by a special greeting by the Director of the Agenzia del Territorio Dr. Gabriella Alemanno, by the CNG and GL with a speech held by Mr. Bruno Razza on the role of the Land Surveyor within the Cadastral System, by Sogei with their support on the new procedures, by a report on the Cadastral Programme in Greece held by Prof. Nikolaos Zacharias, by a speech on Coordinate Based Cadastre (CBC) in Israel, Experience and Perspectives held by Dr. Joseph Forrai, Deputy Director General for Cadastre Survey of Israel, and with a series of communications on new technologies for the detection and treatment of spatial information, by Leica Geosystems.

The Roman educational experience was furtherly enhanced during Saturday's breaks with guided tours to the major cultural monuments of Rome, to enable the participants to know the magnificence of our capital.

The course ended with the awarding of certificates of participation, as all the attendees have given evidence of achieving all its objectives and expressed their appreciation for the initiative, praised the timeliness and accuracy of its organization, and logistic aspect, and praised the course content, the teaching method adopted and the balance of the theoretical and practical lessons that allowed them to expand their professional knowledge and start new relationships with colleagues of the Mediterranean area.