



ABSTRACTS

15. Pietro Grimaldi: *Survey to Planning: New Technologies and Land Protection*

The paper illustrates the birth and development of the International Summer School "Survey to Planning: New Technologies and Land Protection" designed and conducted by Pietro Grimaldi and GIS (Global Information System - <http://coifa.it/iss/>) realized with survey work carried out during the various International Summer School

The work shows that the survey of the environment by using the "new technologies" allows proper management of the territory.

The goal of the "International Summer School" is to initiate collaboration between teachers, professionals and young users, both national and foreign, to study and optimize the opportunities offered by new technologies for landmarking and, above all, to develop a new mentality for documentation and the management (GIS - Global Information System) of the territory and of the "cultural heritage". The international character of the International Summer School (Algeria, Saudi Arabia, Argentina, Brazil, Cameroon, China, Ghana, Iran, Macedonia, Mexico, Moldova, Romania, Turkey, USA, Venezuela) is an opportunity to compare different methodological styles approach to work and technological systems and the moment of cultural and professional enrichment of the participants.

The aim of setting up a group of national and foreign teachers and professionals in order to optimize the opportunities offered by the "new technologies" for knowledge of the Territory is being implemented: in fact the presence of the same professors in the eight previous editions of the "International Summer School" confirms the intuition of forming the "international working group".

It should be noted that the methodology adopted for the development of the work develops the model of the "school shop" ("scuola bottega") (<http://rilievo.stereofot.it/convegno04/moduli.html>), where teaching is to be understood as the transmission of "know how to do" from Master to the Disciple.

The fundamental principle that animates the works of the International Summer School is that "Documentation is itself a cultural process that can not be delegated to third parties" (Mons.Prof.Pietro Amato)

The surveys gained during the eight editions of the International Summer School "feed" the "GIS Cultural Heritage Surveying" of the surveyed territories <http://coifa.it/iss/>

The GIS prototype to be followed, already tested internationally, is the GIS of the medieval center of Serracapriola in the province of Foggia in Italy <http://serracapriola.net/>

Organisers



Technical University of Civil Engineering Bucharest
Faculty of Geodesy



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Fédération Internationale des Géomètres
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