

Draft programme

III International and Professional Training Course for Surveyors

Athens (Greece – 3 – 15 October 2011)

Organised by the Consiglio Nazionale Geometri e Geometri Laureati in
cooperation with the Hellenic Association of Rural and Surveying
Engineers
with the support of Geoweb

Subjects and topics

- **Topographical surveys**, using various instruments and surveying techniques.
- **Surveying and GNSS networks**.
- **GNSS signal deformations**, processing of satellite data which be collected.
- **3D photogrammetric surveys**.
- **Digital photogrammetry**, terrestrial laser scanners and LiDAR.

Applications

- Surveys for **updating mapping and cadastral maps**.
- Surveys applied to **cultural and historical heritage**.
- Surveys and representations applied to **underwater archaeology**.
- Topographical surveys for **structural and land deformation monitoring**.
- **Offshore positioning and surveying in the Mediterranean area**: new techniques and possible methods.