

ANNUAL REPORT COMMISSION 3 - 2015

The activities of the FIG Commission 3 have resulted in a new interest for delegates. In the matters of competence of the Commission, starting from the Annual Meeting and Workshop held in Bologna in 2014, it has been given greater emphasis to the study of the formation and collection of geospatial data processes with particular reference to crowdsourcing. This approach, which at this time is finding widespread application, has become a subject of research and criticism in relation to the benefits and the problems that may arise from the use of it. The topic about the use of "crowdsourcing" had also a prominent importance in the ACCO meeting during last FIG WW 2015 in Sophia.

The importance of the general topics as SDI, SIM, GIS, etc. together with VGI has drawn the attention of many delegates who have allowed to carry out interesting working sessions. In fact, in the FIG WW in Sofia Commission 3 had more than 50 interesting and innovative presentations, divided into 11 sessions, by delegates from all over the world.

The success was then repeated in the Annual Meeting and Workshop held in Malta in november 2015 together with Commission 7. During this event, in which the Annual Meeting of Commission 3 was held too, there was the participation of about 80 delegates, 43 of them were of Commission 3.

The workshop focused on effective utilization of VGI within the framework of SDI and SIM, many different and interesting topics related to SDI, SIM, VGI and crowdsourcing were discussed. Other topics included also:

- National Mapping Agencies (NMAs): practices with VGI and managing of spatial information; theory, applications and best practice studies
- Land management tools and innovative spatial information solutions addressing global and national challenges
- Utilization of VGI and crowdsourcing with SDI and SIM on collection, dissemination, analysis, maintenance, and visualization
- Applications of VGI in managing the built environment, legalization monitoring, property registration, planning reforms
- Early warning systems, climate change, natural disasters and environmental protection: adapting working paradigms; case studies and possibilities
- Tackling VGI and PM credibility issues: interoperability, uncertainty, quality, authenticity, validity
- PM and Citizens Science – case studies and processes

The Crowdsourcing of Land Information has had a good effect on the involvement of both the academic and professionally world.

Thanks to the cooperation of the chairs of the working groups, who I thank for their invaluable collaboration, more research was discussed under the following matters:

- 1) SIM Infrastructure;

- 2) Technical Aspects of SIM;
- 3) 3D Cadastre;
- 4) Crowdsourcing and VGI supporting SDI;

For the FIG WW 2016 in Christchurch, the participation of many delegates is expected. The technical programme of Commission 3 will be divided into six sessions plus 2 joint sessions with Commission 7 covering the general topic of the Commission with particular focus with the theme of the event (Recovery from Disaster).