



International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure

FIG COMMISSION 3
Spatial Information Management



Joint FIG / UN ECE Workshop

**2012 FIG Commission 3 Workshop,
FIG Task Force on Property and Housing and
2012 UNECE WPLA workshop**

With the contribution of UN ECE CHLM, REM, WB, FIG Com9, FIG Com10

Spatial Information, Informal Development, Property and Housing

And Commission 3 Annual Meeting

10-14 December 2012, Athens, Greece

Official workshop homepage: http://bit.ly/FIG3_Athens2012

Objectives

The aim of this workshop is to study the impact of spatial information on managing the built environment, and on monitoring the legalization process and progress of informal settlements with particular reference to land privatization/title strengthening, property registration, planning reforms, housing and property markets; this with emphasis on the economic, social and environmental aspects on global, nationwide and local levels. In addition, to investigate the international knowledge and experience on how surveyors may assist good governance, efficient operations of property markets, affordable planning, affordable housing, and appropriate environmental management by providing innovative and reliable land tools and spatial information solutions addressing global challenges.

Sub-topics include (but not limited to):

- E-government and Spatial Data Infrastructures (SDIs): managing information spatially; theory, applications and best practice studies.
- The significance of reliable SDIs as the necessary tool for managing the regional and local authorities' services settings, establishing the basis for their vitality and "openness to change".

- Land management tools and innovative spatial information solutions addressing global and national challenges.
- Social, technical and legal aspects related to the emerging of informal settlements.
- Legal access to affordable land, and the importance of legal and social informal settlements data.
- Legalization, land privatization, affordable planning and affordable housing provision for low and middle income families.
- Provision of reliable information about land, property and the built environment: ownership rights, value, spatial information.
- Regulations and land development procedures in supporting the economy.
- SDI for fresh-water and energy supply, waste management, informal settlements management, planning, transportation, pollution and crime control.
- Innovative land tools and policies to attract investment, optimize real property taxation, support valuation, and provide tools for affordable planning, housing and financing; answering current needs and supporting property markets.
- Harmonisation of spatial data at all levels; interoperability aspects of standards and technical solutions; development and implementation of feasible metadata concepts.
- Possibilities of spatial urban data capture, structure, use, discovery, integration and exchange: community-based data collection; the use of social media; appropriate land tools, software, and geospatial data sources.
- Integration of spatial data: cadastre, agriculture, forestry, environment, spatial planning, 3D city modelling, utilities, public land management, VGI, crowd-sourcing, community based data collection, socio-economic data.
- Urban environment information handling and managing for sustainable development: real estate management, BIM, green real estate, eco-friendly planning.
- Multiple use of spatial data to support citizens' interests, stabilize the economy and support sustainable development of the built environment, and identify the increased role of the private sector.
- Business models in the context of SDI and cadastre; process view (data collection, maintenance, handling, provision); private and public partnership, privacy aspects, security aspects.
- The future of SDIs in climate change, risk prevention, economic crisis management.

A special technical session on Local Spatial Data Infrastructures is planned during the Workshop.

The aim of the special technical session is to bring together practitioners and researchers from all over the world working on Spatial Data Infrastructures at the sub-national (municipal) level. Topics of submitted papers for this special technical session should focus on both theoretical and application aspects. Contributions may range from in depth theoretical considerations to best practice case studies addressing:

- Spatial data sources (aerial images, optical and radar satellite imagery, laser and optical scanners, maps, video, VGI, social networks, etc.)
- Data management, including metadata, access network, and delivery of data-related services, political and institutional arrangements, standards and people
- Applications in disaster and resource management, land administration, property markets and cadastre, sustainable development, planning and statistics, social and transportation planning, demographical changes, cultural heritage management, climate change adaptation/mitigation

Papers illustrating the involvement of stakeholders from the local level of government as well as the private sector and academia will be particularly welcomed. Researches and case-studies from South-Eastern European countries are particularly welcomed.

Paper submission

It is very important that all submitted papers be focused on the above aspects directly. Two channels for submitting papers are available:

Full paper refereed channel

Full paper submission deadline:	17 September 2012
Notification of acceptance for presentation:	28 September 2012
Notification of acceptance through the peer review:	22 October 2012
Final revised paper submission deadline:	12 November 2012

Those interested in peer-reviewed papers should declare it in advance when submitting the full paper. Papers submitted in this channel (approximately 6000 words) must not have been accepted for publication elsewhere or be under review for another workshop or conference.

Abstract refereed channel

Extended abstract submission deadline:	17 September 2012
Notification of acceptance for presentation:	28 September 2012
Paper submission deadline:	12 November 2012

The abstract should be 350 to 500 words in length describing the objectives, results, conclusions and significance of your work (relevant artwork can be embedded).

Submit your paper to

sagi.dalyot@ikg.uni-hannover.de or gapos@tee.gr

Programme

A first, general indication of the programme:

10 December 2012 (evening): opening and welcome cocktail
 11-14 October 2012: technical sessions
 15 December 2012: technical tour

Venue:

The Technical Chamber of Greece, Nikis 4, Syntagma Square, Athens, Greece.

Accommodation:

List of Hotels in the close vicinity of the venue will be available soon.

Registration fees

(Including the welcome cocktail, lunches, and coffee breaks during the three days of technical sessions – 11-14 December 2012):

Early bird registration fees **250€**

Full registration **300€**

Student registration **125€**

Early Bird registration ends 12 October 2012

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