

FIG Commission 3 Workshop on 'Spatial Information for Sustainable Management of Urban Areas'

FIG Commission 3 (Spatial Information Management) 2009 annual meeting and Workshop will be held in Germany, in February 2009. The Workshop is supported by the European Association of Remote Sensing Laboratories (EARSel) Special Interest Group (SIG) Urban Remote Sensing on application issues. The President of FIG Prof Stig Enemark will deliver the key note speech.

Objectives

The aim of this workshop is to study the economic, social and environmental impact of rapid urban growth, unplanned in many countries, and use international knowledge and experience on how surveyors may assist real estate markets, good governance, environmental management and planning initiatives by providing reliable Spatial Data Infrastructures (SDIs) in order to:

- Emphasize the significance of reliable SDIs as the necessary tool for managing the city "chaos" and allow for vitality and "openness to change",
- Research how traditional SDIs may be appropriate for the scale and dynamics of mega cities,
- Clarify the needs for spatial data infrastructures (SDIs) providing reliable information about real estates relevant to ownership rights, value, land-use regulations and land development procedures to support efficient decision-making,
- Identify current needs for new land tools and policies to attract investment, optimize real property taxation, support valuation, and provide tools for affordable

housing and financing, for rejuvenation of dilapidated areas, for maintenance of the old buildings to satisfy new needs, and for the support of real estate markets,

- Investigate community based data collection; examine appropriate land tools, software, and geospatial data sources, and outline possibilities of spatial urban data capture, structure, use, discovery, integration and exchange,
- Promote the 3D modeling of urban processes using SDI; exchange knowledge and experience in the creation of virtual urban environments to support navigation, exploration, tourism and other innovative uses,
- Investigate examples of good practice in spatial information management and propose appropriate organizational structures, administrative, fiscal and legislative tools for rapidly growing urban areas,
- Promote the multiple use of spatial data to support citizens interaction, employment, public health, tourism, entertainment, education, culture; to stabilize the economy and support the sustainable development of urban areas; and identify the role of the private sector,
- Make suggestions for future research directions, e.g., modern public sector responsibilities and good governance policies for transparency, access to information, citizen empowerment, participation, safety, security, freedom, and equality,
- Explore the future of SDIs in risk prevention and disaster management, fresh-water and energy supply, waste management, informal settlements management, planning, transportation, pollution and crime control in urban areas.

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:

extended deadline 22 November 2008

Notification of acceptance

for presentation: **1 December 2008**

through the peer review: **3 January 2009**

Final paper submission deadline: **17 January 2009**

Early Bird registration **5 December 2008**

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

Abstract refereed channel

Extended abstract submission deadline:

extended deadline 22 November 2008

Acceptance of notification deadline: **1 December 2008**

Paper submission deadline: **17 January 2009**

Early Bird registration **5 December 2008**

The abstract should be 250 to 500 words in length describing the objectives, results, conclusions and significance of your work.

Submit your paper to

gapos@tee.gr

and/or

chryssyp@survey.ntua.gr

Local Organizers

The workshop will be organized by

- German Association of Surveying (DVW) - Society for Geodesy, Geo-Information and Land Management, Working Group 2 Spatial Information and Spatial Data Management and
- i3mainz, Institute for Spatial Information and Surveying Technology, Mainz University of Applied Sciences

Location



Mainz's cultural-historical heritage is unique. Not only is it 2,000 years old, but it is continuous in every age and epoch, directly in the forefront of developments from the day Founder General Drusus first got off the boat. From antiquity until today Mainz has actively impressed its nature on events, reflecting and determining the spirit of the ages. A treasure-trove of art, artifacts, and objects recalls Mainz's people and the lives they led awaits you in many museums.

Mainz's Old Town, its inner city, is the pride and joy of the city-scene. Broad, roomy squares and places, lovingly-restored half-timbered houses and magnificent Baroque churches give Old Town its charming, "gemuetlich" char-

acter. There are also many interesting shops waiting to be discovered.

Venue



The workshop will be held in the Advena Europa Hotel close to the Mainz Railway Station.

Address:
Advena Europa Hotel
Kaiserstr. 7
55116 Mainz

Contact

Commission Chair

Dr Chryssy A Potsiou,
School for Rural and Surveying Engineering
National Technical University of Athens, GREECE
Tel. + 30 210 7722688 or 7722651
Fax + 30 210 7722677
E-mail: chryssyp@survey.ntua.gr

Vice Chair of Administration

Mr. Gerasimos Apostolatos
Surveyor Engineer, Technical Governmental Consultant,
GREECE
Tel. + 30 210 6825 905
E-mail: gapos@tee.gr

DVW WG2 Chair Local Organization

Prof. Dr. Hartmut Mueller
i3mainz, Mainz University of Applied Sciences
Tel. + 49 6131 2859 674
Fax. + 49 6131 2859 699
E-mail: mueller@geoinform.fh-mainz.de



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Workshop

on

Spatial Information for Sustainable Management of Urban Areas

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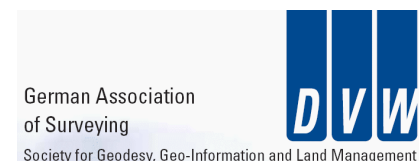
**European Association
of Remote Sensing Laboratories (EARSeL)
Special Interest Group (SIG)
Urban Remote Sensing**

under the aegis of the



**United Nations Economic Commission for Europe
Committee on Housing and Land Management (CHLM)
Working Party on Land Administration (WPLA)**

**Mainz, Germany
2 - 4 February 2009**



WG2 Spatial Information and Spatial Data Management