

Report for the 26th General Assembly
FIG Working Week in Paris, 13-17 April 2003

**FIG Commission 3 – Spatial Information Management
Report of Activities 2002 – 2003**

1. General

Commission 3 aims at:

- Management of spatial information including related processes, procedures and resources supported by legal aspects and standardization;
- Management and transfer of knowledge and skills needed for SIM;
- Impacts on organizational structure, business models, professional practice and administration;
- Management of spatial information supporting environment protection, sustainable development and poverty reduction.
- Awareness to successful SIM by showing good practice like reliable spatial information for better decision making.
- Use of SIM-tools for citizens to support the goals of participatory democracy.
- Share good practice on managerial processes and infrastructure needed for handling data, using information and distributing knowledge.
- Encouraging decision-makers for a more extensive use of spatial information especially within good e-government and e-commerce.

2. Commission 3 in line with the work plan 2002–2006

FIG Commission 3 has followed the accepted work plan, which emphasis on inter-commission activities and interdisciplinary cooperation. Work of Commission 3 is fully committed to two pillars: The inter-commission activities and the interdisciplinary cooperation. Result of these aims can be seen on:

- Joint Workshop: UN/ECE-WPLA, FIG Commissions 3 and 7 on "Spatial Information Management for Sustainable Real Estate Market – Best Practice Guidelines in Nationwide Land Administration“ will be held in Greece, June 2003. Dr. Chryssy Potsiou from Greece, Chair of WG 3.3 “State of the art of SIM” is head of the organising committee and coordinator of this joint FIG – WPLA activity.
- Joint WG 2.4 “Knowledge Transfer in SIM” with Mohammed Timoulali from Morocco as Co-Chair from Commission 3. A joint Commission 2 and 3 Workshop on “Education and Training in SIM” is planned to be held in Morocco December 2-5, 2003.
- Commission 3 supports the concept of better regional balance including FIG Regional Conferences by combining Commission 3 annual meetings to the regional events as in Istanbul in 2002 and in Morocco in 2003.
- GSDI links to FIG: Commission 3 contributes to *Spatial Information Infrastructure*, which is considered as a wider approach than spatial data infrastructure. At the 6th GSDI-conference in Budapest in September 2002 Peter Laaraker (Co-Chair WG 3.1) contributed to a Workshop on “Legal and Policy Issues” and Gerhard Muggenhuber presented the paper: “Sharing knowledge in spatial information management”.

The contacts with GSDI might lead to a joint FIG-GSDI-activity: A joint FIG-GSDI-Working Week could be realised in Cairo 2005.

Commission 3 sees criteria of a successful work in:

- Initiating and providing activities so interesting that colleagues will regard the commission as one base on their professional life.
- Providing information on good practice for decision makers at all levels – they expect reliable spatial information and not only maps.
- Increasing the awareness of the spatial information users and the decision makers to the importance of quality, reliability and accuracy aspects of SIM.
- Bridging professions by interdisciplinary cooperation and multi-institutional meetings and contributing to a successful “Best Practice Report”.

3. Annual Meeting 2002

Commission 3 Annual Meeting and GIS 2002 Symposium in Istanbul, Turkey, 23-26 September 2002 was a milestone in the Commissions work. Commission 3 had the pleasure to welcome the President of FIG, Robert Foster, the Director of FIG Office, Markku Villikka and the President of Turkish Chambers of Surveyors, Hüsein Ülkü. The Annual Meeting was attended by 31 participants from 13 different countries and the symposium itself by more than 150 persons.

4. Annual Meeting 2003

Commission 3 started preparing the Annual Meeting 2003, which will be held in Morocco. Together with the Director of FIG Office, Markku Villikka the Chair of Commission 3, Gerhard Muggenhuber joined the 3rd National ONIGT-Congress (Ordre National des Ingénieurs Géomètres-Topographes of Morocco) in January 2003 to discuss the organisation, date and venue of this 2nd FIG Regional Conference including joint Commission 2 and 3 event.

5. Activities of Working Groups

Commission 3 Working Groups (WG) focus on contribution of spatial information for sustainable development. The elements for achieving this goal are on national as well as international level with contributions to “*e-Government and SIM*”; clarification on needed “*SIM infrastructure*” for GSDI; sharing experience best practice with „*State of the art of SIM*“. The Joint WG on “*Knowledge in SIM*” provides the overarching principle for sharing and transferring knowledge achieved.

WG 3.1: e-Government and e-Citizen

Chair: Vice Chair Mrs. Kari Strande (Norway)

During the Annual meeting 2002 in Istanbul WG 3.1 presented the approach of WG3.1. Once again Mrs Kari Strande could successfully organise funding for participants with limited resources for travelling and hold contact with international institutions like the World Bank on e-Government.

WG 3.2: SIM infrastructure

Chair: Vice Chair Mr. Keith Murray(UK)

During the Annual meeting 2002 in Istanbul WG 3.2 contributed with themes focusing on Spatial Data + Information Infrastructure, legal aspects in SIM and Standards Network (ISO/TC 211, OpenGIS Consortium). WG 3.2 takes the lead on the cooperation with GSDI, which might aim in a joint FIG-GSDI-event. Com3-delegates joined several ISO-meetings like the 15th ISO- plenary meeting in Advisory Group for Outreach Activity.

WG 3.3: State of the art of SIM

Chair: Vice Chair Mrs. Chryssy Potsiou (Greece)

The work of WG 3.3 is fully in line with the overall objective of the “FIG-Best-Practice-Report”. The first draft can be visited at the web:

www.survey.ntua.gr/main/labs/photo/research/wg_33/wg33.html

Joint WG 2.4 (Com2&3) - Knowledge Transfer in SIM

Co-chair from Commission 3: Mr. Mohammed Timoulali (Morocco)

Commission 3 will co-sponsor and contribute to GIS Summer School held between 14-19 August 2003 with teaching lessons. A joint Commission 2 & 3 Workshop on “Education and Training in SIM” is planned as part of the FIG-Regional Conference in Morocco, 2-5 December 2003 (see also item 4).

Inter-Commission Activity of Commissions 7 & 3 “3D-Cadaster”

Co-chair from Commission 3: Prof. Yerach Doytsher (Israel)

From Commission 3 point of view 3D-Cadaster is a milestone towards a multidimensional (spatial and multi-temporal) information management. The WG intends to publish during the 2006 Congress in Munich a FIG publication on guidelines to establish a 3D Cadastre, addressing legal, technical and institutional issues. Following the work stated at FIG International Workshop on 3D Cadastre, (Netherlands), the WG organizes a session at the WW Paris 2003 and plans symposia for 2004 and 2005.

6. Communication

Commission 3 Vice-Chair for Administration and Information, Dr. Reinfried Mansberger maintains Commission 3 website, which was recently transferred (with a new design) to the FIG-server with the active support from FIG Office. Commission 3 published an *Electronic Newsletter 2002 on CD* with the support of FIG Office. This CD containing relevant information (publications, papers, pictures, persons, links etc.) on Commission activities was delivered all over the world with the support of BEV-Austria to approximately 200 persons, including the national delegates of Commission 3, correspondents and friends. The feedback from recipients proves, that access to information is still a critical issue in a lot of countries where access to Internet is expensive or slow. Therefore Commission plans to publish such a summary every year.

Commission 3 keeps a list of addresses from delegates, correspondents and friends of the Commission.

7. Contributions to events

Com3 representatives contributed actively to the *UN-ECE-WPLA-Workshop: "Customers - Cooperation – Services"* in Vienna, September 2002 with several papers or with chairing of sessions.

Commission 3 contributed to the *6th GSDI conference* in Budapest in September 2002, with a paper "Sharing Knowledge in Spatial Information Management" (see also item 2).

Commission 3 met with FIG-member associations: the President and Council of "*The Surveyors Institute of Sri Lanka*" (FIG-member) in January 2003. The discussion focused on the demand to improve communication between national and international level because of missing travel opportunities to join international meetings. The Institute informed about their Improved Professional standing, embraces all three sectors in the surveying profession- the private sector, public sector and academic sector.

Commission 3 participated in the *3rd National ONIGT-Congress* in Morocco in January 2002 and prepared the next annual meeting being an integral part of FIG-Regional Conference for the Arabic Countries and Francophone Africa in December 2003 (see also item 4 and 5).

Commission 3 participated in the founding Workshop "*Regional Center of Excellence on Real Property Rights & Land Market Development*" in Budapest, January 2003.

8. Future plans

Commission 3 is searching for funds to contribute to the high level regional event: UN-ECA-Committee on Development Information CODI-III, Addis Ababa, May 2003 (www.uneca.org/codi/) as Commission 3 did for previous CODI meetings. The success of FIG-Nairobi meeting in 2001 was directly linked to that Commission 3 activity.

Vice Chair Mrs. Chryssy Potsiou organizes an UN/ECE & FIG joint Workshop in Athens in May, 28-31, 2003 (FIG Commissions 3 & 7) (see also item 2).

The Commission will have its Annual Meeting 2003 in Marrakech (Morocco), December 2-5, 2003 as an integral part of FIG-Regional Conference 2003 (see also item 4).

Commission 3 Annual Meeting (TBD, preference for Asia), September-December 2004.

February 2003

Gerhard Muggenhuber
Chair, FIG Commission 3

Commission web site: <http://www.fig.net/figtree/commission3/index.htm>