



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

## **FIG COMMISSION 7**

### **Cadastre & Land Management**

From : Daniel ROBERGE, Chair  
To : FIG Commission 7 Delegates, Correspondents and Friends  
cc : FIG Office, Copenhagen

**Subject: FIG Commission 7 e-Newsletter September 2012**

## **CONGRATULATIONS**

The FIG Commission 7 team wish to congratulate two of its vice-chairs: Mrs Gerda Schennach for her election by the General Assembly in Rome as Commission 7 chair elect for the next term 2015-2018 and Mr Christiaan Lemmen who has successfully defended his PhD thesis *A Domain Model for Land Administration* on 5 July 2012 at Delft University of Technology, in the Netherlands.

## **ROME WORKING WEEK**

The FIG Working Week [Knowing to manage the territory, protect the environment, evaluate the cultural heritage](#) and the [XXXV General Assembly](#) were held in Rome, Italy from 6 to 10 May 2012 and was the biggest Working Week ever if counted by number of participants. Once again, Commission 7 has played a major role in the technical program. Thanks a lot to Commission 7 delegates, speakers, session chairs and rapporteurs for their hard work and much appreciated contribution.

### **Election of the next FIG Commission 7 chair**

One of the highlights of the last working week was certainly the election of the next FIG Commission 7 chair. Three dedicated, high profile and well know Commission 7 colleagues were candidate for the position: Claire Galpin from France, Gerda Schennach, from Austria, Daniel Steudler from Switzerland. Congratulations to Gerda who was elected by the General Assembly after the second voting round and thank you very much to Claire and Daniel for your much appreciated participation.

### **Panel discussion on Future of Cadastres**

*GIM International* and FIG Commission 7 collaborated on organising a special session on the future of cadastres, in follow-up to a previous special session on this topic held at the 2011 Working Week in Marrakech. The following themes were discussed: the evolving role of land professionals, AAA vs Open / Crowdsourced Cadastre, informal rights and overlapping claims to be included in land administration, 3D and 4D in land administration. There was general agreement on the need for transparency, and that approaches in land administration must involve citizens. The importance of new technologies, alternatives for data acquisition and the quality challenges were also examined.



The panelists from left to right: Diego Alfonso Erba, Quang Thanh Bui, Clarissa Augustinus, Peter Laarakker and Jean-François Beaupré.

A very big thank to the moderator Christiaan Lemmen and to the panelists Peter Laarakker, Quang Thanh Bui, Diego Alfonso Erba, Clarissa Augustinus and Jean-François Beaupré, our young surveyors representative.

Interviews with Mrs Gerda Schennach, chair of the FIG Commission 7 Working Group 7.3 on Cadastral perspectives and some of the panelists are available on the GIM International website:

- Clarissa Augustinus:  
[http://www.gim-international.com/news/id6630-Land\\_Professionals\\_Need\\_to\\_Adopt\\_Change\\_Quickly.html](http://www.gim-international.com/news/id6630-Land_Professionals_Need_to_Adopt_Change_Quickly.html)
- Jean-François Beaupré:  
[http://www.gim-international.eu/news/id6675-First\\_step\\_Increase\\_Land\\_Administration\\_Acceptance\\_in\\_Africa.html](http://www.gim-international.eu/news/id6675-First_step_Increase_Land_Administration_Acceptance_in_Africa.html)
- Peter Laarakker:  
[http://www.gim-international.com/news/id6643-Insights\\_into\\_the\\_Future\\_of\\_Land\\_Administration.html](http://www.gim-international.com/news/id6643-Insights_into_the_Future_of_Land_Administration.html)
- Gerda Schennach:  
[http://www.gim-international.com/news/id6659-Bring\\_Citizens\\_into\\_the\\_Heart\\_of\\_Land\\_Administration.html](http://www.gim-international.com/news/id6659-Bring_Citizens_into_the_Heart_of_Land_Administration.html)

### **Launch of the FIG Publication Spatially Enabled Society**

A new FIG Publication was published during the working week in Rome by the FIG Task Force chaired by our colleague Daniel Steudler: "*Spatially Enabled Society*", a Joint Publication with GSDI Association represented by Abbas Rajabifard. Congratulations to Daniel Steudler and his team for this highly anticipated publication which is available on the FIG website : <http://www.fig.net/pub/figpub/pub58/figpub58.pdf>

### **Special Training Session on Disaster management at the FAO Headquarter**

During the working week in Rome, FIG Commission 7 and FAO organized a joint training session on Disaster Risk Management (DRM) and Land Tenure on 8 May 2012 at the FAO Head Quarter. Participants to this session had the opportunity to learn about disaster risk management approaches, effective Spatial Information Management, Land Management and land use planning to support DRM. Some case studies were also presented and discussed.

Thank you to Paul Munro Faure and the FAO team for the organization of this session and presentations and to FIG Commission 7 speakers: David Mitchell, Jaap Zevenbergen, Francis Roy, Nic Donnely and Daniel Roberge.



Daniel Roberge, David Mitchell and Jaap Zevenbergen during the joint training session on Disaster Risk Management

## First FIG Young Surveyors Conference

On May 4<sup>th</sup>-5<sup>th</sup> 2012, more than a hundred Young Surveyors (among them Jean-François Beaupré, FIG Commission 7 representative) from forty countries attended to the first FIG Young Surveyors Conference held in Rome, prior to the FIG Working Week. The Young Surveyors Conference created a platform for young surveying professionals to explore common issues and identify future opportunities in a more informal context than the traditional FIG conferences. The debates were lively, rich in content and generally clustered across the current challenges and future perspectives.

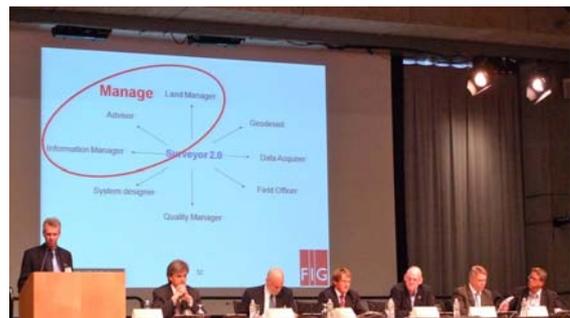
For more information:

- [www.fig.net/news/news\\_2012/ysc\\_rome\\_may\\_2012.htm](http://www.fig.net/news/news_2012/ysc_rome_may_2012.htm)
- [www.fig.net/fig2012/youngsurveyors\\_prog.htm](http://www.fig.net/fig2012/youngsurveyors_prog.htm)

## World Bank Conference Land and Poverty

Spatial Enabling Governments and Societies was also the topic of a joint workshop during the 2012 Annual World Bank Conference on Land and Poverty ([www.landandpoverty.com](http://www.landandpoverty.com)) in which FIG Commission 7 played a very active role. A one-day workshop on 'Spatially Enabled Government and Society' was held at the World Bank Headquarter on 24 April 2012. This joint FIG and Worldbank workshop addressed various and related issues:

- Triple A land administration: from concept to implementation
- Approaches to lower-cost land administration through spatial enablement;
- Potential and challenges of spatial enablement of land administration;
- Spatial enablement to sustainably support the continuum of land rights.



Christiaan Lemmen during the presentation of Commission 7 paper.

Spatially enabling Governments and Societies (SEGS) will require structural changes in the institutional, legislative and professional domains. In this regard, the role of the land surveyors will have to evolve to better respond to the need of the society and propose better fit-for purpose approaches.

The chair of the Working Group 7.1 Pro Poor Land Tools, Christiaan Lemmen, gave a presentation about “Land Administration and the Evolving Role of the Surveyor”<sup>1</sup>. The paper highlights that there is no doubt that surveyors are critical to the future society of both developed and developing world.

The adoption of the continuum of land rights was also one of the main highlights of the Annual World Bank Land Conference.

For more information about the Conference : [www.landandpoverty.com](http://www.landandpoverty.com)

## Surveying week in Cameroun

The Ordre des géomètres experts du Cameroun (OGEC) organized La Semaine du géomètre from 10 to 13 April 2012, an international event to promote the profession of land surveyors in this Central African country. Themes like cadastre and land property in Cameroun and in foreign countries were presented and discussed. FIG Commission 7 was represented by Daniel Roberge, chair of FIG Commission 7, and Claire Galpin Commission 7 vice-chair and chair of Géomètres sans frontières. Stig Enemark, FIG past president and Steve Frank, chair of FIG Commission 2 were also present.



Stig Enemark, Steve Frank and Claire Galpin at the Cadastral Office in Yaoundé with Mr Jean-Bosco Awono, director of the cadastre.

Congratulations to Mr Fabien Omboudou Ndjina, president of the OGEC and the organizing committee for this high quality event and a very big thank to the Ministère des domaines, du cadastre et des Affaires foncières and especially Her Excellence the minister Mrs Jacqueline Koung à Bessike for the warmful welcome made to the foreign experts.

In a way to continue to support our African colleagues in the development of their land administration institutions in the Central and Francophone African region, FIG Commission 7 decided to organize the 2013 Annual meeting in Yaoundé, Cameroun.

## News from the Working Groups

### Working Group 7.1 Pro-Poor Land Tools

Mr Christiaan LEMMEN, vice-chair

*WORKSHOP: LADM from Research to Implementation – Land Administration Domain Modeling at a threshold*

The international workshop LADM from Research to Implementation – Land Administration Domain Modelling at a Threshold was held on 6 July 2012 at the Rotterdam offices of Netherlands Kadaster. The event was co-organized by Faculty ITC of the University of Twente,

---

<sup>1</sup> Co authors: Claire Galpin, Richard Grover, David Mitchel, Daniel Roberge, Gerda Schennach, CheeHai TEO, Peter van Oosterom and Jaap Zevenbergen

the UNU School for Land Administration Studies, Netherlands Kadaster, Delft University of Technology and the International Federation of Surveyors (FIG).

Together with developments in 3D cadastres and the acceptance of the continuum of land recording, the LADM represents perhaps the most significant technical development in land administration over the past decade. While the model in itself provides a much sought-after design standard, even more impressive has been its capacity to inspire collaboration, dialogue, shared understandings, and general awareness among land administrators globally. The challenge now is to convince those outside the development process of the importance and utility of LADM in a practical setting.

Presentations from the workshop are available on the following links: [www.oicrf.org](http://www.oicrf.org) and <http://wiki.tudelft.nl/bin/view/Research/ISO19152/WorkshopLADMPresentations>.

The International Standard is expected by the end of 2012.

### **Working Group 7.2 Climate Change and Disaster Management**

Mr David MITCHELL and Jaap ZEVENBERGEN, vice-chairs

Under the joint project with UN-FAO to develop online training materials on land administration and disaster management Working Group 2 there were several activities during the last period:

- As mentioned earlier Working Group 2 organised a joint Special Training Session with UN FAO during the Rome Working Week on Disaster management at the FAO Headquarters (see more details below).
- During July, David Mitchell ran face-to-face training at the University of the South Pacific and these proceedings were video-recorded.
- Agreement was reached with UN-FAO to develop further training materials suitable for online format:
  - FAO is organizing face-t-face training in the Carribean in the second half of 2012 and Jaap Zevenbergen will attend.
  - Background reports on Spatial Information Management, Land use planning, and property valuation and DRM are being prepared by Jaap Zevenbergen, Francis Roy and David Mitchell in cooperation with FAO.

As previously mentioned, the Working Group 7.2, co-organized a Training Session with FAO on Tuesday 8 May at the FAO Headquarter. The Session was made up of two blocks, one with mainly FAO speakers, and one with FIG speakers, after a joined welcome by Paul Munro-Faure, Principal Officer, Land Tenure Group FAO, and Daniel Roberge, Chair Commission 7 FIG. For FAO spoke on behalf of the Emergency Operations Group, Sylvie Wabbes Candotti and from the Land Tenure Group Paul Munro-Faure. After that a panel co-chaired by Stephan Baas and Adriana Herrera with regional examples from the West-Indies (Charisse Griffith-Charles) and Philippines (Arnulfo M. Mascariñas) were presented.

In the FIG block Daniel Roberge gave an overview of FIG and especially Commission 7. The working group co-chairs, David Mitchell and Jaap Zevenbergen, spoke respectively on Integrating land issues and land administration into Disaster Risk Management (DRM) and on Effective Spatial Information Management for DRM. Francis Roy spoke on Land management and land use planning to support DRM. A real example from New Zealand was presented by Nic Donnelly.

After some discussion, we all agreed that land issues are important for DRM, and that the current knowledge and experiences need to be shared more in both the DRM and land communities. This session was a first step to make that happen.

This session is part of a broader co-operation between FAO and FIG working group 7.2, that was detailed during a joint meeting in Rome on 20-21 October 2011, and will lead to extension of the FAO Land Tenure Manual 3 'Assessing and Responding to Land Tenure Issues in Disaster Risk Management' and the development of some e-learning materials, as envisaged in the commission 7 work plan.

### **Working Group 7.3 Cadastral Perspectives**

Mrs Gerda SCHENNACH, vice-chair

*Based on the results of the two major events of the WG in 2011 - the joint Seminar on 3D Cadastre, co-organized with FIG Commission 3 in Delft/NL and the International Symposium "Cadastre 2.0" organized by WP 7.3 in Innsbruck/AT, delegates of Commission 7 have been active in further developing visions and strategies for the future of cadastre.*

Some of the first results have been presented in several Technical Sessions during the WW 2012 in Rome. Well attended sessions reflect the high interest among the FIG family into the topics which are on the schedule for the next two years, such as:

- involvement of social media into cadastral procedures
- influence of IT on cadastre in general
- data capture besides existing models
- voluntary participation in e-government procedures
- multifunctional cadastre as a successor of multipurpose cadaster
- multidimensional cadastre, as a topic of joint interest with FIG Commission 3
- quality level, social media and web 2.0 applications
- technical framework to guarantee flexibility for future development

The contributions to the Proceedings of the Symposium "Cadastre 2.0" cover a wide range of topics and supported to raise awareness among stakeholders and interest groups. Distribution on demand is still going on.

### **Working Group 7.4 Land administration**

Mr Richard GROVER, vice-chair

The working group 7.4 organized an international seminar on 20-21 September 2012 in Budapest, Hungary. This seminar examined the management of state and public sector lands in transitional countries. The seminar was organized in collaboration with the FAO Regional Office for Europe and Central Asia in Budapest

The main themes of the seminar included how the FAO Voluntary Guidelines on Responsible Tenure affect the management of state and public sector land, how the management of state and public sector land has changed in transitional countries during the last two decades, the management of state agricultural land, land consolidation, managing the sale of state land, developing management systems for state land, and cadastres and the management of state land.

The seminar was organised by András Osskó ([ossko.andras@fomi.hu](mailto:ossko.andras@fomi.hu)) and Richard Grover ([rgrover@brookes.ac.uk](mailto:rgrover@brookes.ac.uk)) and further details can be obtained from the seminar website <http://en.foldhivatal.hu/>.

### **Administration and Communications**

Mrs Claire GALPIN, vice-chair

FIG Commission 7 was invited to take part of a roundtable organized by AFD (French Agency of development) during the FIG Commission 3 Workshop "The Empowerment of

Local Authorities: Spatial Information and Spatial Planning Tools", 25-28 October 2011, Paris, France. Claire Galpin represented the Commission 7 at this meeting.

### **Young Surveyor Representative**

Mr Jean-François BEAUPRÉ, Administration and Communication assistant and Commission 7 representative in the Young Surveyor Network.

From the works of the first FIG Young Surveyors Conference held in Rome, it was concluded that:

- The FIG and Member Associations can best support young surveyors by devolving responsibility to young surveyors and supporting their engagement with the FIG ;
- Young surveyors benefit of FIG events by the opportunities provided through networking, knowledge-sharing, advocacy and professional standards ;
- The priorities for the FIG Young Surveyors network are communication, connections, motivation and inspiration

“Promotion of student opportunities and support – including international exchange, internships, mentoring and work placements – may help to promote student enrolments. Young surveyors may become more engaged with professional bodies and promotion of surveying if adequately supported and encouraged by employers. Other opportunities, such as international professional and lecturer exchanges may also serve to promote the profession and generate enthusiastic and visible emerging surveying professionals. People, projects, funding and passion have to be connected to promote the profession”.

For more information: [www.fig.net/news/news\\_2012/ysc\\_rome\\_may\\_2012.htm](http://www.fig.net/news/news_2012/ysc_rome_may_2012.htm)

## **COMING EVENTS**

### **FIG Commission 7 Annual Meeting and International Symposium 2012, San Luis, Argentina, 30 Nov. – 4 Dec. 2012**

The Annual meeting will take place on the shore of the Lake Potrero de Los funes, near San Luis, Argentina at the hotel of the same name : <http://www.hotelpotrero.sanluis.gov.ar/>. San Luis is located 900 km west of Buenos Aires.

Program :

Thursday 29 November :

- For those participating to the FIG Regional Conference in Montevideo : technical tour to Colonia, Uruguay : Ferry boat from Colonia to Buenos Aires and a night in an Hotel in BA

Friday 30 November :

- Departure from Buenos Aires Jorge Newbery (AEP) Airport at 13 :20 to San Luis (Aerolineas Argentinas). Arrival in San Luis : 14 :50 Transfert to the Hotel Potrero de Los funes, 15 minutes from San Luis.

Saturday and Sunday 1 and 2 December

- Commission 7 Annual meeting

Monday 3 December

- International Symposium. Land Governance in South America in an international perspective. The Symposium will be free of charge for all participants but registration is mandatory.

Tuesday 4 December

- Return flight from San Luis at 16 :50 to Buenos Aires Jorge Newbery (AEP) Airport (Aerolineas Argentinas). Arrival time: 18 :07

Cost :

- 1000 US\$, including 4 nights in San Luis, one night in Buenos Aires, all meals and coffee breaks, registration to the symposium. The Government of the province of San Luis is sponsoring the event, namely the symposium and the airfare from Buenos Aires to San Luis.

Website and registration

- FIG Commission 7 will put in place and manage the website and the registration for the Annual meeting and the International Symposium. More information will be available soon on the FIG Commission 7 website: [www.fig.net/commission7/index.htm](http://www.fig.net/commission7/index.htm)

**International Seminar State Land Management in Transitional Countries: Issues and Ways Forward, 20-21 September 2012, Budapest, Hungary**

Seminar website <http://en.foldhivatal.hu/>

**Workshop on 3D Cadastre**

Mr Peter van Oosterom, chair Joint Working Group on 3D Cadastre

The third FIG International Workshop on 3D Cadastre will be held in Shenzhen, China, 25-26 October 2012. This workshop is organized by the joint Commission 3 and 7 working group on 3D Cadastre chaired by Peter van Oosterom.

For more information and registration: <http://www.cadastre2012.org>

FIG Commission 7 Team