

# Commission 7 – Cadastre and Land Administration

## Work Plan 2011–2014

### 1. Title

Cadastre and Land Administration

### 2. Terms of Reference

Commission 7 deals with land administration and land rights infrastructures in a sustainable development perspective:

- cadastre and land registration
- land reform, cadastral reform, land consolidation
- land governance
- land use and land management
- land valuation and land taxation
- security of tenure
- land policy and land legislation
- land market
- capacity building in land administration
- e-governance
- low cost technology in land administration

### 3. Mission

The mission of Commission 7 is to:

- To provide a forum for enhancing and exchanging knowledge about cadastre, land administration and land management world wide;
- To encourage the development of pro poor land management and land administration;
- To promote the importance of development of sustainable land administration as infrastructure for sustainable development to underpin economic growth;
- To promote the application of innovative and advanced technology in cadastre and land administration;
- To promote awareness of the role of surveyors in land administration matters to the public and among stake holders.

### 4. Priorities

For the period 2011-2014, FIG Commission 7 priorities will focus in:

- promoting land rights infrastructures and good land governance to contribute to sustainable development
- developing a better preparedness and response to natural disaster and climate change
- developing a better cooperation between land surveyors aiming to improve the capacity and governance in land administration
- developing cadastral perspectives
- investigating direct involvement of citizens into e-land administration processes

- co-operating with international organizations in land tenure issues

## 5. Working Groups

### Working Group 7.1 – Pro Poor Land Tools

#### Policy issues

- Promote land rights infrastructures and good land governance to contribute to pro-poor and sustainable development
- Continue to work on:
  - Social Tenure Domain Model which is a part of the Land Administration Domain Model under development at TC211 from ISO
  - Free/Libre Open Source Software (FLOSS)
- Collaborate with FAO in the finalization of the Multilingual Thesaurus on Land Tenure

#### Chair

Christiaan Lemmen; the Netherlands, e-mail: [lemmen@itc.nl](mailto:lemmen@itc.nl)

#### Events/Activities

- Participation in meetings related to the activities of the Working Group
- Investigations on OpenCadastrMap
- Investigations on Low Cost High Tech Data Acquisition Methods
- Expert Group Meetings

#### Deliverables

- International Standard for the Land Administration Domain (ISO 19152) with the Social Tenure Domain Model as a specialization.
- Collaboration with FAO in the finalization of the Multilingual Thesaurus on Land Tenure
- Information for land professionals via FIG Website and other platforms when appropriate

### Working Group 7.2 – Land Administration, Natural Disasters and Climate Change

#### Policy issues:

Develop a better preparedness and response to natural disaster and climate change.

#### Focus:

- Land issues in disaster preparedness and mitigation
- Land issues in recovery and reconstruction
- Disaster mitigation in land policies
- Land tenure, use and value in risk mapping
- Link access to land and vulnerability / resilience
- Use risk maps in land use planning and land development
- Capacity building in land agencies.
- Land and disaster response
  - Land tenure and emergency shelter, transitional settlement
  - Land issues in rapid and detailed assessments
  - Raise land issues early on (e.g. flash appeal)
  - Pressure cooker of developments
  - Window of opportunity for change

- Recovery
  - Rescue, recover, repair land records
  - Land tenure and (updated) hazard risk mapping
  - Access to land for IDP's, for returnees whose land is lost or unsafe
    - Site selection for resettlement
    - Position of weaker tenure holders, lessees, etc.
    - Adjudication of land rights
  - Restoring capacity in land agencies
  - Tenure security for resettlement
  - Conflict resolution

#### Co-Chairs

David Mitchell, Australia, email: [david.mitchell@rmit.edu.au](mailto:david.mitchell@rmit.edu.au)

Jaap Zevenbergen, the Netherlands, email: [zevenbergen@itc.nl](mailto:zevenbergen@itc.nl)

#### Deliverables

- Information for land professionals via FIG website and other platforms when appropriate
- Online training course on land tenure and natural disasters for land and related professionals with a link to Commission 2 for e-learning aspects

#### Events/Activities

- Presentation at the GI4DM conference Turkey, May 2011
- Disaster Management workshop at GSDI 13 in Quebec City, 2012
- Test run of the online training course (to be planned)

### **Working Group 7.3 – Cadastral perspectives**

#### Policy issues:

- Cadastral perspectives “Beyond Cadastre 2014”
- 3D Cadastre (joint working group with Commission 3 chaired by Peter van Oosterom)
  - 3D Cadastre: models, standards, spatial information infrastructure, time management (4D), registration
  - Best practices and guidelines (legal, institutional and technical aspects) for the implementation of 3D-cadastres.
- Cadastre and Carbon credit management
- Participation in the Task Force about Spatially Enabled Society
- New tools for Cadastre management systems

#### Chair

Gerda Schennach, Austria, email: [Gerda.Schennach@bev.gv.at](mailto:Gerda.Schennach@bev.gv.at)

#### Events

- International Symposium on “Cadastre 2.0” in Innsbruck/Austria, 30 Sept 2011
- Second International Workshop on 3D-Cadastres FIG/EuroSDR (<http://3dcadastres2011.nl>), Delft, The Netherlands, 16-18 November 2011
- Possible participation to the GSDI-13 Conference, Quebec City, Canada

#### Deliverables:

- FIG publication: Cadastre 2.0
- FIG publication: Guidelines to establish 3D-cadastral addressing legal, institutional and technical issues

## **Working Group 7.4 – Land Management Reforms**

### Policy issues:

- Cadastral and land management reforms
- State land management
- Governance of land management

### Chair

Richard Grover, United Kingdom, email: [rgrover@brookes.ac.uk](mailto:rgrover@brookes.ac.uk)

### Events

- Session at FIG Working Week 2011 in Marrakech on improving the management of state land – FAO collaboration expected
- Seminar on cadastral reforms and land governance

### Deliverables:

- Publication on state land management
- Publication on cadastral reforms and land governance
- Co-operation with FAO on Voluntary Guidelines on the Governance of Land and Natural Resources Tenure
- Co-operation with FAO on guidance on state land management
- Training materials on the management of state land

## **6. Co-operation with other Commissions and organisations**

Commission 7 will namely contribute to the following Joint Commission Working Groups:

- Commission 1: Working Group 1.1 on International Boundaries (joint with Commissions 4, 5, 6 and 7)
  - Commission 7 representative in this Working Group is Daniel Roberge
- Commission 3 : Working Group 3.3 - 3D Cadastre (joint with Commission 7)
  - Commission 7 representative in this Working Group is Peter van Oosterom

## **7. Co-operation with United Nation Organisations, Sister Associations and other Partners**

Commission 7 will cooperate with international organizations in land tenure issues under guidelines from the FIG Council.

## **8. Events and Annual Meetings**

### **2011**

Commission 7 Annual Meeting and International Symposium “Cadastre 2.0”, 25 September–1 October 2011, Innsbruck, Austria

### **2012:**

Commission 7 Annual Meeting: Africa (Francophone Western African Country – Joint event with the Fédération des géomètres francophones (Francophone Federation of Surveyors) (to be confirmed)

### **2013**

Commission 7 Annual Meeting: Latin America (to be confirmed)

### **2014**

Commission 7 Annual Meeting: Québec, Canada (to be confirmed)

## **9. Officers**

### **Chair**

Daniel Roberge, Canada

### **Vice-Chair Administration and Communication**

To be appointed

### **Vice-Chair and Chair WG 1**

Christiaan Lemmen, the Netherlands

### **Vice-Chairs and Co-Chairs WG 2**

David Mitchell, Australia and Jaap Zevenbergen, the Netherlands

### **Vice-Chair and Chair WG 3**

Gerda Schennach, Austria

### **Vice-Chair and Chair WG 4**

Richard Grover, United Kingdom

Daniel Roberge

Chair, FIG Commission 7

[www.fig.net/commission7](http://www.fig.net/commission7)

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