

**Report to the 29th General Assembly
FIG Congress in Munich, October 2006**

FIG Commission 7 – Cadastre and Land Management

Draft Work Plan 2007-2010

Preface

Commission 7 established its concept of activities about 15 years ago. It is in line with the FIG long term professional strategy and selected key topics to deal with

- advanced cadastre
- developing land administration
- creating secure land tenure
- application of innovative, advance technology in land administration

All topics are related to land administration matters. Developing, modernising land administration is an increasing demand by developed and developing countries world wide for many years.

During the last decade many new challenges have appeared – sustainable development, post conflict problems (civil wars, tribal conflicts, etc.) increasing number of disasters, increasing gap between developed and developing world, rapid urbanisation in the developing world, etc.

All the above challenges connected to land and property related activities. The profession has to find answer to above challenges and we believe land administration can provide the proper infrastructure for sustainable development and its institutions can co-ordinate the land related activities.

To achieve Commission 7 concept, goals, involves efforts over a long period, therefore the commission wants to continue its professional work which was successful over the passed years. Of course there need to be some changes, new priorities have to be defined based on the last four years experience.

Following the FIG strategy, Commission 7 intends

1. to continue its effort focusing on countries in Africa, Latin America, Asia, Middle East, CEE and provide meeting place as well
2. Strengthening working relations co-operation with other FIG commissions
3. To continue co-operation with UN organisations, agencies
4. To find possibilities to co-operate with other professional organisations, NGOs, Dutch Kadaster, ITC, etc.
5. Providing and disseminating information to the profession, national associations and authorities to develop and establish land administration systems
6. Supporting the needs in different regions

1. Title

Cadastre and Land Management

2. Mission

- to provide a forum for enhancing and exchanging the 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 support economic growth
- to promote the application of innovative and advance technology in cadastre, land administration
- to promote awareness of the role of surveyors in land administration matters to the public and among stake holders

3. Terms of reference

Until today many countries have developed their own cadastral system, in many case with colonial roots. The one operates deed registration, the other title registration, some are based on fixed boundaries, some on general boundaries, some system are centralised and others decentralised. Many systems perform not optimal or failed to perform in the benefit of all people. Looking at it from a little distance one can observe that the systems are in principle mainly the same: they are all based on the relationship between persons and land, via rights and are in most countries influenced by developments in the Information and Communication Technology (ICT). The two main functions of every cadastral system are: 1. Keeping the contents of these relationship up-to-date (based on legal or customary transactions) in a cadastral or land registration system and 2. Providing information on this registrations

Commission 7 deals with land administration (the process of determining, recording and disseminating information about the ownership, value and use of land when implementing land management policies” ref. UNECE Land Administration Guidelines 1996). “Ownership” should be seen as a broad concept of land tenure within various jurisdictions (statutory, customary, informal, etc.) “Land” includes constructions at subsurface level, ground level and above land level (eg. buildings). Furthermore Commission 7 deals with land management, which is the implementation of land policy, by wide range of land policy instruments (e.g. land eform, land consolidation, land markets, land taxation, marine resource management)

In “key words” Commission 7 deals with

- land management and land administration
- cadastres, land registers
- cadastral reform
- land policy, land reform, land taxation
- land tenure
- land law and land related laws
- sustainable land administration
- pro poor land management and land administration
- cadastral surveying and mapping

- land registration
- land administration in post conflict areas
- disaster management and land administration
- customary and group rights
- informal settlements
- public private partnership in land administration
- land policy and land policy instruments
- land consolidation
- land valuation and taxation
- land markets
- land reform, land privatisation and land redistribution
- innovative technology in land administration
- low cost surveying and mapping
- land and marine resource management

4. Commission 7 work plan in relation with FIG professional strategy

Following Commission 7 tradition the work plan supporting the achievement of FIG goals

- extending working co-operation with other commissions
- to continue and extension of working relation with UN organisations, World Bank, agencies and other organisations
- to contribute to organise joint workshops, events with UN and other external organisations
- to contribute to formulate the professional program for FIG congresses and working weeks
- supporting regional events, workshops to promote FIG activities in general and new priorities of the surveyor profession
- to encourage national delegates, representatives to participate in FIG events and disseminate information to national associations and professionals
- to support the publication of working results
- following the traditions, Commission 7 contribute to the major FIG events, congresses, working weeks
- to encourage member associations and national delegates from Asia, Africa, Latin America and Eastern Europe to participate in Commission 7 and major FIG events

5. Objectives

There are many fields of interest for Commission 7 related to land administration, Cadastre and land management matters. To achieve realistic results in the 2007-2010 period we have to prioritise the most important issues based on the Commission 7 activities during the past years, recent developments, challenges concerning land related matters world wide and priorities supported by UN and other professional organisations and NGOs.

As a new development in FIG activity, Commission 7 intends to find possibilities to form working relation with UN Habitat Global Land Tool Network , GLTN.

Important issues selected:

Pro poor land management and land administration

- land administration and land management in customary and informal areas

- low cost data acquisition (geometric, legal) registration and mapping
- low cost, innovative tools for land management and land administration

Sustainable land administration supporting good governance

- how can we develop sustainable land administration in so called developing countries within a framework of land policies
- how can we keep sustainability of land administration in so called developed countries

Land administration in post conflict areas

- how is possible to create, rebuild land administration after conflicts
- approaches in redistribution of land in post conflict areas

Disaster management and land administration

- relation between land administration and disaster management

Economic land use and land use control

- supporting how to create economic land use
- how to manage land use and informal urbanisation in developing countries

Land administration and land management in the marine environment

- how to develop marine cadastre
- how to support coastal zone management

Innovative technology and ICT support in land administration and land management

- how to extend land administration with 3D cadastre and land registry
- how to develop innovative, low cost technology to support pro poor land management and land administration
- national and international data infrastructure initiatives: SDI, NGDI, INSPIRE, EULIS
- ICT support to develop sustainable land administration (standardisation, interoperable systems)
- sustainable capacity building for land administration

Institutional aspects for land administration and land management

- how to support the development of institutional framework for land administration, land management

Commission 7 intends to address the selected issues in various ways within FIG and in co-operation with other organisations

- Commission 7 working groups
- Presenting papers, lectures during FIG and joint events
- Working co-operation with other FIG commissions
- Working relation with UN and other organisations
- Providing a documentation center OICRF

6. Working groups (proposals)

Working group 7.1 – Development of pro poor land management and land administration

Chair: Christiaan Lemmen, The Netherlands

Terms of reference

- recognise and support the development of pro poor land management approaches
- communicate, as far as possible, the FIG concepts in development of land policy and land management: land law, land tenure and security of tenure, land markets, land taxation, land use planning, land reform, land redistribution, post conflict land administration
- identify (geometric) aspects related to social, informal land tenures
- support the development of low cost, innovative, data acquisition methods
- develop the social tenure domain model
- contribute in the GLTN
- propose a capacity building approach for pro poor land management

Working group 7.2 – Creation sustainable land administration to support sustainable development

Chair: Søren Christensen, Denmark

Terms of reference

- identify the necessary legal and institutional framework
- identify other conditions for developing sustainable land administration
- find the solution to develop land administration in post conflict areas
- identify the simple, low cost solutions for creating sustainable land administration in developing countries
- investigate the interaction between institutions and communities in order to create land information for the poor
- identify improvement of land tenure security through new legal frameworks and new better tools
- find solutions to combine formal land delivery process and customary approaches (neo-customary) land delivery process
- assess the role of gender-issues in creation of sustainable land administration
- find good examples of using sensible form of land tax for the funding land reform and upgrading programmes
- identify and find solutions of assisting post conflict areas, disaster areas, etc. in rebuilding and maintain land administration after war and catastrophe of nature

Working group 7.3 – Application of innovative technology in land administration

Chair: Daniel Steudler, Switzerland

Terms of reference

- electronic conveyancing and governance

- identify innovative and low cost technology to support the development for pro poor land management, land administration
- identify innovative, advance technology for sustainable land administration
- dealing with standards
- focus on copyright and fee questions
- dealing with identification and defining parcel boundaries
- focus on national and international data infrastructure initiatives (SDI, INSPIRE)
- 3D cadastre, land registry

7. Co-operation with other FIG commissions

- 3D Cadastre , land registry joint working group with Commission 3
- coastal zone management, marine cadastre with Commission 4
- low cost, effective survey technology and techniques for developing countries, with Commission 3,5 lead by Commission 5
- Urban- rural inter relationships, defining formal and informal tenure, property rights, joint working group with Commission 8 lead by Commission 8
- education, capacity building with Commission 2

8. Co-operation with UN organisations, agencies

Commission 7 would like to continue co-operation with UN organisations, UN Habitat, UN FAO, UNECE/WPLA

9. Co-operation with other professional organisations

Dutch Kadaster, ITC, Institution of Geodesy, Cartography and Remote Sensing (FÖMI).

10. Communications

The secretariat of the commission will maintain the Commission 7 web site and keep delegates, correspondents, friends informed primarily via e-mail.

11. Commission 7 annual meetings and events

According to the consensus among the commission delegates to hold annual meetings separately from the major FIG events, Commission 7 intends to continue its traditions for organising annual meetings. Until now Korea will host the annual meeting in 2007, and Verona, Italy in 2008.

12. Time schedule of events

2007

- Commission 7 annual meeting Korea (date to be decided)
- FIG Working Week Hong Kong, China, May 12-17 2007
- contribution to GeoCongress Quebec City ,Canada October 2007

2008

- Commission 7 annual meeting Verona, Italy
- FIG Working Week Stockholm, Sweden June 14-19, 2008

2009

- Commission 7 annual meeting
- FIG Working Week Israel

2010

- Commission 7 annual meeting
- FIG Congress Sydney, Australia

13. Commission Officers

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András Osskó

Chair Elect of Commission 7

July 2006