



Annual Meeting II/2016

FIG Commission 7

Cadastre & Land Management

Report



Structure

Chair

G. Schennach (AT)

V-Chair for communications, social media, web

Hyunsook LEE (KR)

WG 7.1
**Fit-For-Purpose
LA**
Ch. Lemmen (NL)

WG 7.2
**LM in
CC and PP
Disaster areas**
D. Páez (CO)

WG 7.3
**Crowdsourcing
of Land Rights**
R. McLaren (UK)

WG 7.4
**Citizen
Cadastre**
G. Iván (HU)

Joint WG C3/C7 3D Cadastre *P. Van Oosterom (C3)*

Cadastral Template 2.0 *D. Stuedler (CH) A. Rajaribfard (AU)*





Commission 7 – Key issues of Workplan 2015-2018

- providing **visions** for future cadastre and land management
- taking the role as a mastermind in **developing effective land management**
- thinking about **new models** of land administration for sustainable development
- initiating professional discussions on **new business models** as required by a changing society
- **securing** land tenure and advocating **citizens' rights** but at the same time,
- staying **pragmatic** about what is feasible in cultural and social diversity and how commitment among stakeholders can be created for the benefit of the society and for the reputation of the profession in providing
- sustainability and advocacy to **citizens, land owners and stakeholders**



Goals for the 4-year term

- Raise awareness about **necessity** and **benefit** of property registration among society
being a mastermind in developments of good land management
- Get one step further in developing **trustable, self-monitoring** and **sustainable** land registration systems
- Use modern technologies for raising **security** of property information and for improving **trust of citizens** into systems
providing expertise for securing land tenure and advocating citizens' rights
- Make the **citizen** the centre of the procedures in cadastre and land management
initiating professional discussions on new business models as required by a changing society
- Build solid long-term **co-operation** with UN bodies and NGOs (UN Habitat, GLTN, FAO, WB, UN GGIM e.a.)

FIG WW 2016 Christchurch – Technical Sessions

- ✓ Fit-For-Purpose Land Administration in **pre- and post-conflict and post disaster areas**
- ✓ Impact of **climate change and disasters** on land rights and to cadastral systems
- ✓ **Spatial data infrastructures** for pre-, during and post-disaster response
- ✓ **drones** and other technologies for land administration before, during and after disasters / validation of third party data
- ✓ **Voluntary guidelines** in conflicts
- ✓ **Capacity building** in disaster response bodies
- ✓ **Public trust** in land administration systems / fraud prevention in disaster management
- ✓ **Land policy** and reform to support sustainable use of land
- ✓ **Compensation** for value changes, consolidation of agricultural land, adjustment of urban land in post disaster regions
- ✓ **New technologies** for remote and in-situ **data acquisition** on land rights / social media and third party data capture / crowdsourcing
- ✓ **Role of land owner** as key stakeholder / privacy issues / access to data for citizen
- ✓ **Multi-dimensional and multi-temporal cadastre** Forum of Experts on Land Policy

Commission 7 representation events

- **UN GGIM 6th Committee of experts**
August 2016, UN HQ, New York (USA)
- **UN GGIM Europe**
October 2016, Budapest/Hungary
- **UN GGIM Americas**
September 2016, Mexico/Mexico
- **FAO Inaugural Meeting ILMSC**
International Land Measurement Standards Coalition
9–10 June 2016, Rome/Italy
- **UN HABITAT**
April 2016, Addis Ababa/Ethopia
- **GLTN Meetings and Expert Groups**
2016
- **UAS Gen. Assembly and Conference**
27 Sept – 1 Oct 2016, Panama





Cross-border Working

- Co-operation with Com 1, Com 2, Com 3, Com 8
- UN FAO, UN Habitat, UN GGIM, World Bank, GLTN
- National public authorities, professional associations (FIG member and non-members), regional bodies

Deliverables

- FIG WW 2016: the Fit For Purpose guidelines (Enemark, McLaren, Lemmen)
- Preparations for LADM Edition II in co-operation with the FIG Standards Network
- pilot for platform for emergencies and disasters in Colombia www.pointshare.org
- statement on role of Land Professionals in co-operation with Commission 1
- Analysis about long-term strategies for compensating impacts of climate change to land owners
- Incorporate new data collection technologies, such as by drones, as a core element of better land management for disaster response
- Cad Template 2.0 Update
- study of PP conflict impacts, prevention, documentation...
.....more to be discussed



Areas of focus in 2016/2017

- address more regional topics - delegates/associations to get **actively** involved
- implementing **new technologies** into the agenda of Commission 7
 - *Fit-for-Purpose models for implementing cadastre more effectively*
 - *Internet of things / Crowdsourcing / Big Data in Cadastre*
 - *involvement of citizen / towards Cadastre 4.0*
 - *security of data and systems / economical sustainability*
 - *Land information as tool for pre- and post-disaster management*
 - *land registration as tool for creating real estate markets and value*
 - *qualification of professionals and training of stakeholders as partners*
 - *links to related professions (GI, IT, finance)*



**Land Consolidation and Readjustment for Sustainable Development -
Designing Resilient Landscapes and Empowering Communities**

9-11 November 2016, Apeldoorn/The Netherlands

Co-organised by FIG Com 7 / Com 8 / Dutch Kadaster / FAO

www.lcsymposium.nl

FIG Working Week 2017

May 29-2 June 2017, Helsinki/Finland

<http://www.fig.net/fig2017>

FIG Commission 7 (Commission 9) Internat. Seminar 2017

late September 2017, venue tbd/Romania

topics: land registration/real estate markets/valuation

FIG Commission 7 Annual Meeting 2017 and Internat. Conference

late November 2017, Cartagena/Colombia

Ibero-American countries, topics tbd

Timetable

	2015	2016	2017	2018
FIG WW	17-21 May Sofia, Bulgaria	2-6 May Christchurch, New Zealand	29 May-2 June Helsinki, Finland	n.n. FIG Congress Istanbul, TR
Annual Meeting	Nov. 2015 Kathmandu, Nepal	Autumn Portugal, Europe	November Cartagena, Colombia	Africa? WG 7.1
Seminar/ Workshop	Oct/Nov Malta, Europe C3/C7	Autumn Portugal, Eur Latin America, Africa	September Romania November Colombia	Africa? WG 7.1



ORDEM
DOS
ENGENHEIROS



FIG COMMISSION 7 ANNUAL MEETING

GEOCONFERENCE ON CADASTRE 4.0
TRANSPARENCY, PARTICIPATION, COLLABORATION
24-28 OCTOBER 2016 | COIMBRA, PORTUGAL

Thanks to

all Com7 Vice-Chairs, esp. to Chairs of WGs 7.1, 7.2, 7.3
Task Force leaders Cadastral Template 2.0
local organisers in Portugal, the Netherlands and New Zealand
all Com7 Delegates and friends and speakers for joining FIG events
**for making FIG Commission 7 visible at FIG WWs and
other events**



Commission 7 Annual Meeting II/2016

Monday 24 Oct 2016, 10:30-18:15
COIMBRA | Portugal