

Commission 7 – Cadastre & Land Management

Report 2015-2018 Chair: Gerda Schennach, Austria

EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT: ENHANCING THE GEOSPATIAL MATURITY OF SOCIETIES





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Geosystems





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Annual Meetings and Internat. Workshops



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Tapu ve Kadastra

THE SCIENCE OF WHERE

Geosystem



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Seminars:Workshops:Meetings:Themes

- Crowdsourcing of Land Information
- Cadastre 4.0 Transparency-Participation-Collaboration
- Cadastre for emergencies and disasters Challenges and opportunities for islands and coastlines
- Cadastre in a digital world Nordic and Global Perspectives



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Achievements from Work Plan

generate answer to **globally growing demands** on **interoperability** of land governance second edition of the LADM standard ISO 19152 incl. valuation Fit-for-Purpose Land Administration Guide with GLTN implementation of UN FAO Voluntary Guidelines

integrating user communities into processes and increasing transparency

App-based solutions for data acquisition STDM as alternative way for tenure management investigating about blockchain technology for transactions providing evidence and improve processes by using imagery

develop well established systems for wider use

3D and 4D cadastre















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Providing added value

pre- and post-disaster management of land

documentation of land rights for post-disaster management improvements in land information for response and reconstruction activities incorporation of new data collection technologies (apps, drones, e.a.)

providing tools for better governing land in post-disaster situation

information platform for sharing information among stakeholders facilitating co-operation with relevant institutions for securing rights in risk areas

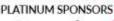
increase quality of data and information

integration of VGI and crowdsourcing methods assessment of cadastral systems by scientific method (Hongkong)













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Cadastral Template 2.0

generic template describing the status of cadastre and land administration, facilitating benchmarking and the development of performance indicators

information resource for

- UN-GGIM WGs
- universities

56 participating countries as of March 2018







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Outreach and Publications

- FIG publication Best Practices 3D Cadastres (WG C3/C7 on 3D)
- FFP guidelines with STDM incorporated as a basic principle, launched
- WB **Guide** for "New Technology and Emerging Trends: The State of Play for LA" (2018)
- **Proceedings** of Com 7 AMs and Conferences (digital)
- Articles and papers in scientific and professional magazines
- Peer-reviewed and non-peer reviewed papers in Conferences, Workshops, Seminars
- **FIG WW** and **Congress**: TS, ISS, side events, panel discussions.....
- Promoting by doing among interest groups and citizen by implementing projects and best-practicing















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More details see Reports to General Assemblies 2015-2018 at www.fig.net

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