


WG 7.4 Citizen Cadastre

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FIG Commission 7 Annual Meeting

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fömi 

Institute of Geodesy Cartography and Remote Sensing, Hungary

Key issues

- Land owners' role, interest and trust in Cadastre, Land Administration
 - Involvement of them into processes
 - Changing environment and societal needs
 - Performance of Land Administration
- Land Tenure
 - Requirements of Society and Culture
 - Changing forms of Land Tenure (e.g. Temporary Urban, Agricultural LT), WG7.1
 - Security
- Data and Models
 - Multi-dimensional, -temporal cadastre
 - Access to data
 - Land Administration Model Analysis
 - Standards
 - 3D Cadastre Issues

Role of Land Owners

- Tools for involvement of land owners into LA processes
- Crowdsourcing (WG 7.3)
- Increasing interest in Land Registration (e.g. mandatory registration of property transactions)
- E-Land Administration (fully electronic document handling, digital certification)
- Measuring Performance of Land Administration (Dr. Conrad Tang scientific research)
- Societal needs (e.g. handling migration)
- Changing Environment (climate change, limited water resources etc.)



Land Tenure

- Changing Forms of Land Tenure (in accordance with 7.1)
 - Temporary
 - Agricultural
 - Others
- Changing Land Policy of Governments (e.g. State Land Management, Privatization of Lands)
- Security of Tenure



Data and Models

- Multi-dimensional, -temporal cadastre
 - Cadastre should response to all situation in the past, present and the future
- Access to data
 - Open Data Initiative ?
 - European Union's Public Sector Information re-use Directive?
 - Payment or Free?
- Land Administration Model Analysis and Standards
 - LADM is not only a standard, but a very useful platform for LA Model Analysis and comparison
- 3D Cadastre Issues
 - Do we need 3D Cadastre?
 - If yes (I hope so) how should it be established?




5th 3D Cadastre Workshop

- **18-20 October 2016, Athens, Greece**
- 3D Cadastre operational experiences (analysis, LADM based, learn from each other, discover gaps)
- 3D Cadastre cost effective workflow for new / updated 3D parcels = 4D (part of whole chain: from planning / design / permit in 3D, to registration / use in 3D)
- 3D Cadastre web-based dissemination (usability, man-machine interfaces, including mobile/AR)
- Legal aspects for 3D Cadastre, best legal practises in various legislation systems
- Focus on large cities, including developing countries





**Thank you very much for your
kind attention**



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