

Dear Colleague,

Welcome to the FIG Commission 9 Newsletter, which brings you latest information about FIG Commission 9 and its activities. The information referred here is in full length available on the FIG - commission 9 website. Thus the Newsletter is produced to inform you what has happened recently and what interesting things are going to take place in the near future. The FIG - Commission 9 Newsletter is circulated Semi-Annually by e-mail.

Upcoming events:

14-16 September 2017, Bucharest, Romania, GeoPreVi 2017.

Commissions 7, 8, & 9 will participate in a Workshop covering a broad range of topics. Additionally, the FIG Task Force on Real Estate Market Study will have its 2nd meeting in Romania to further analyze and deepen our studies on real estate markets in the European Union. A broad range of distinguished participants from many countries will be present to discuss these very important and wide-ranging economic and land policy issues underpinning all national economies.

The Scientific event of the Faculty of Geodesy - Technical University of Civil Engineering Bucharest organized this year in partnership with Romanian Surveyors Union, Romanian Association of Private Surveyors, FIG Commissions 7, 8 and 9 and National Agency for Cadastre and Land Registration.

Web site: www.geoprevi.ro

4-8 December 2017, Cartagena, Bolivar, Commission 7 & 9 Workshop and Annual Meeting 2017.

The Commission 7 & 9 Annual Conference and Meeting will gather experts from around the world to share the best practices and study the advances that have been made in valuation, financial technology, cadastre and land management. The topics to be addressed will include macroeconomics, financial technology, cadastral reforms and multipurpose land registry systems; parcel-based land information systems and the computerization of cadastral registers; cadastral surveying and mapping; land titling and tenure; land law and registration; national and international borders; and land and maritime resource management.

This year the event will be based on Cadastre for emergencies and disasters: Challenges and opportunities for islands and coastlines. The Conference will host experts from all over the world. There will be technical presentations that will provide a better understanding of current topics relating to cadastre and valuation. There will also be a dynamic event in which you will learn new insights and broaden your network of contacts. The focus will be on the challenges and opportunities for islands and coastal areas.

We also thank our pre - conference activity partners and sponsors, and FIG office staff:

FIG TF on Property Markets member working-weekend::

The final document from the Taskforce will be presentable at the FIG Congress 2018 6-11 May 2018, Istanbul, Turkey

Photo Gallery: <https://www.facebook.com/FIG-Commission-9-158749437554409/>

The detailed work-plan of commission 9 could be found at the following link

http://www.fig.net/organisation/comm/9/2015-2018/workplan_15_18.asp

I. The updates in the work plan have been:

WG 9.2 – Valuation and Real estate management through Fin-tech (changed November 2016)

FIG working group 9.2 on Valuation of real estate management through Fin-Tech, was formed in October 2016 with these

Specific Projects

1. Does Fin-tech advance the professional practice of valuers and property managers working in most areas of real estate valuation and management;
2. Research and publish “best practice use cases of Blockchain” for the benefit of surveyors in different jurisdictions and sectors of the industry. This will benefit the surveying community and improve our services to the wider public;
3. Does Fin-tech’s third and fourth wave facilitate and generate the exchange of information, knowledge, and experience between surveyors for the benefit of the profession, our clients and the wider public in relation to the World Bank’s fourth generation technologies on land engagements;
4. Blockchain's role in publicizing and promoting the work of surveyors to the public, particularly to young people, governments, and non-government organizations. Additionally, to enhance the value and perception of surveyors and the services they can deliver, especially in support

of the global sustainability agenda and the UN Millennium Development Goals;

5. Does Fintech 3.0 and 4.0 lead to better alternative financing and sustainable real estate markets while also enabling better policy framework through reforms?



http://www.fig.net/organisation/comm/9/2015-2018/wg9-2_Paper_Velpuri_blockchain.pdf

Working Group 9.2 - Mass Appraisal Systems - has been CLOSED

FIG Commission 7 - Annual Meeting and Geo conference

Cadastre 4.0 as a paradigm towards a Fin-tech enabled Real estate management Manohar VELPURI, Vice-Chair FIG Commission 9, Denmark

Source

https://www.fig.net/resources/proceedings/2016/2016_10_comm7/Programme_fin_21Oct2016_title.pdf

International Conference:: Mass registration and mass valuation of real property:: December 8-9, 2016 Minsk

Lantmäteriet (the Swedish Mapping, Cadastral and Land Registration Authority) and NGO "Land Reform" in association with the State Property Committee of the Republic of Belarus, the Ministry of Architecture and Construction of the Republic of Belarus and The Ministry for Tax and Levies of the Republic of Belarus organize the international conference "Mass Formation And Mass Valuation Of Real Property" as part of the project "Improving Land Management and Urban Development in the Republic of Belarus using Contemporary Methods and Technologies".

UNGGIM's Delft Meeting::

The Expert Group at the conclusion of its Delft Meeting agreed that the overarching focus of efforts is to improve tenure security and better land and property rights for all. The Sustainable Development Goals and its global indicator framework together with other related land-sector indicators are meant to assist in

review and follow-up, measure and monitor progress. There is the continuing need to advocate policies that promote i) affordable access to the basic geospatial dataset, ii) avoid duplication particularly in mapping iii) quality, iv) timeliness, v) data sharing and vi) interoperability and standards.

http://ggim.un.org/Delft_Meeting.html

Working Group 9.4 - ISO LADM based international information model for property valuation::

An ongoing research which aims at developing an LADM based international information model for property valuation, namely an ISO LADM Valuation Module for the specification of registries used in immovable property valuation. We expect to refine the draft module through further activities held by a possible joint working group in FIG Commission 9 in collaboration with other relevant international valuation bodies. The refined version of the Valuation Module is foreseen as input to ISO TC211 for the revision of ISO 19152:2012, which starts next year and should result in LADM 2.0.

As part of the research methodology, we prepared a questionnaire which may enable us to create a world-wide inventory that reveals commonalities and differences among valuation systems, especially used for recurrently levied immovable property taxes. The results of the questionnaire will be used as source data for the further elaboration of the LADM Valuation Module (and all responses will be made available publically on <http://isoladm.org/>). Attached please find a draft questionnaire form. A questionnaire has been circulated to members and delegates of FIG Commission 7 and FIG Commission 9, as well as the OGC Land Administration DWG, FIG 3D Cadastre WG, and UN-GGIM-LA.

FIG commission 9 has participated in the LADM meeting and presented the use of DLT and blockchain in LADM in addition to exploring the refined version on the Valuation module.

The 6th Land Administration Domain Model (LADM) Workshop Outcomes and Presentations:

<http://wiki.tudelft.nl/.../Resear.../ISO19152/WorkshopAgenda2017>

http://wiki.tudelft.nl/.../Work.../8_9_LADM_prelim_decisions.pdf

FIG commission 9 in World bank :

1) Enabling Formalising Of Informal Markets Through Block chain For Unregistered Real estate

https://www.conftool.com/landandpoverty2017/index.php?page=browseSessions&print=head&form_session=755&presentations=show

2) Session 04-12: Policies for Urban Regularization

Time: Tuesday, 21/Mar/2017: 4:00pm - 5:30pm,

Session Chair: Manohar Velpuri, FIG, Denmark

Location:MC 9-100

https://www.conftool.com/landandpoverty2017/index.php?page=browseSessions&print=yes&form_session=647

FIG Commission 9 ballot for liaison between FIG and ISO/TC 307 (Blockchain and distributed ledger technologies) ::

The ballot for establishment of a Category A liaison between ISO/TC 307 and FIG has been passed upon initiative taken by the Honourable President and Honourable Chair of commission 9. FIG has been listed on the ISO/TC 307 webpage as a liaison.

The following expert/s to ISO/TC 307 or any of its Study Groups were nominated and was arranged for them to be added in the system, in order to receive notifications and access committee documents.

SG 1 Reference Architecture, Taxonomy, and ontology	SG 2 Use Cases	SG 3 Security and Privacy	SG 4 Identity	SG 5 Smart Contracts
Manohar Velpuri	Manohar Velpuri	Manohar Velpuri	Manohar Velpuri	Manohar Velpuri
Madhu Aman Sharma	Ben Edler	Schennach Gerda	Christian Lemmen	Schennach Gerda
Christian Lemmen	Steven Nystrom			
Madhu Aman Sharma	Chryssy Potsiou			
	James Kavanagh			

Establishment of Study Groups needs to be done by a formal resolution of the ISO Technical Committee, with a clear scope agreed and objective for deliverables. Therefore, these are typically established at plenary meetings only,

FIG commission 9 article in RICS Journal ::

We look at how financial technology "fintech" and cadastres that can use digital currencies have positive applications in land and real-estate transactions. Manohar Velpuri details the different stages of development of fintech and cadastres, and their impact on countries around the world.

Source : https://issuu.com/ricsmodus/docs/land_journal_june-july_2017

FIG Working Week 2017 that will take place in Helsinki, Finland, 29 May – 2 June 2017 ::

The Working Week is jointly organized by FIG and the two Finnish member associations in FIG, the Finnish Association of Geodetic and Land Surveyors (MIL) and the Finnish Association of Surveyors (MAKLI). The FIG Working Week is also supported by the National Land Survey of Finland (NLS).

The First day of the General Assembly begins. We have 1400 registered participants, and about 400 papers presented and member associations from 92 countries.

[Steven Nystrom](#), chair Commission 9, the Valuation and Management of Real Estate, and we have presented about 30 papers here and have 4 working groups, and are working as part of the Task Force Real Estate Market Study and work closely with the UN on publishing and refining the upcoming Guidebook on the Valuation of Unregistered Land and other initiatives.

TS01I: Improving Land Market Operations and Access to Credit for a Better Future

Chair: Mr. Steven Nystrom, United States

Rapporteur: Mr. Manohar Velpuri, Denmark

Private markets thrive on a healthy real estate sector, which in turn thrives on healthy financial markets, infrastructure, and transparent data. This session will examine these fundamentals of a strong real estate sector and how they can be strengthened to support a growing economy in the 21st Century.

Key aspects of the publication on valuation of unregistered lands focussing on most fit for purpose valuation methodologies. The session will be in partnership with UN-Habitat/GLTN, FIG, FAO and RICS, including experts and practitioners on valuation.

FIG Task Force on Property Markets

Chair: Mr. Pekka Halme, Finland

Social Tenure Domain Model Development Innovations (FIG YSN & UN-Habitat GLTN)

Chair: Mr. CheeHai Teo, FIG Honorary President, Malaysia

Rapporteur: Mr. Danilo Antonio, UN-Habitat GLTN, Kenya

TS05I: The Valuation Models of Tomorrow and Commission 9 Working Groups

Chair: Mr. Steven Nystrom, United States

Rapporteur: Mr David Smejkal, Czech Republic

The valuation of real estate is an evolving discipline and the global economy depends on its continued refinement and improvement. This session focuses on the Working Groups of Commission 9 (the Valuation and Management of Real Estate) and presentations on innovative real estate valuation models.

Commission 9: Valuation and the Management of Real Estate (annual meeting)

Commission 9 Dinners

FIG Standards Network Session

Chair: Dr. David Martin, France

TS06I: Real Estate Taxation Solutions for a Changing World

Chair: Mr. Richard Grover, United Kingdom

Rapporteur: Mr. Risto Peltola, Finland

Real estate taxation is one of the core components in many national budgets. This session focuses on new solutions to increase accuracy and efficiency in taxation to support a well-functioning economy.

Land Tools for Tenure Security (UN-Habitat GLTN & FIG)

Chair: Dr. Chryssy Potsiou, FIG President, Greece

Rapporteur: Mr. Danilo Antonio, UN-Habitat GLTN, Kenya

This session highlights land tools for achievement the Sustainable Development Goals, New Urban Agenda, Voluntary Guidelines. Key considerations being gender; continuum of land rights; support to economic growth, poverty eradication, food security; addressing causes not only symptoms; and improvements in data capture/sources to cater for all land users and holders. Some Partners implementing these tools at country level will share their experiences. The session will be in partnership with FIG, University of Twente, RMIT University & UN-Habitat/GLTN.

TS07I: Extreme Valuation Challenges and How to Overcome Them

Chair: Mr. James Kavanagh, United Kingdom

Rapporteur: Mr. Michael McDermott, Australia

The accurate valuation of real estate underpins every successful economy. However, some real estate markets include especially difficult valuation challenges that require innovative solutions. In this session we, will examine some solutions to these extreme challenges.

TS08I: GIS and its Evolving Roll in Valuation and Standards

Chair: Mr. Ben Elder, United Kingdom

Rapporteur: Mr. Manohar Velpuri, Denmark

A successful real estate market is a key component of a successful economy. The evolving relationship between GIS systems, Valuation and Standards helps make this economic sector transparent and efficient. This session has addressed the latest tools to help foster the real estate sector in the coming generations.

Gala Dinner

The Gala Dinner was held in one of the most famous buildings in Finland and the venue of the 1990 FIG Congress, the Finlandia Hall. It is a masterpiece of Finnish architect, created by the world-renowned Finnish architect, Alvar Aalto. Its combination of an all-embracing aesthetic vision, distinctive atmosphere and functionality is unique. The location in a park by the sea in the centre of Helsinki adds the final touch to a building which has no equivalent, neither in Finland nor anywhere else.

A splendid three-course meal was followed by speeches and music performances, among others masterpieces composed by the Finnish composer Jean Sibelius.

FIG Commission 9 meeting with Danish standards organisation (DSO) mirror committee to ISO/TC 307, 26 Jun 2017 ::

FIG (International Federation of Surveyors) met with the Members of the DSO mirror committee S-843 included representations from IT-Universitetet, Nets, New Banking, Danske Bank, Digitaliseringsstyrelsen DXC Technology, Netcompany, NNIT, BLOC (Appointed by Copenhagen Fintech), PWC and Danish Standards Organisation. The meeting was to understand the feasibility to mainly align the contributions of the works to be submitted between FIG and DSO. The timelines of the Technical committee (TC 307) work has been also presented.

The next plenary meeting of ISO/TC 307 and subordinate Study / Working groups will be held in Chiyoda-ku, Tokyo, Japan from 14th – 17th November 2017.

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http://www.fig.net/organisation/comm/9/2015-2018/officers_15-18.asp
www.fig.net