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:**

22-26 October 2018, in Moscow, Russia
FIG and ISO/TC 307 (Blockchain and distributed ledger technologies) :: PLenary IV

7-11 November 2018, in Athens, Greece
FIG/UNECE/UIA/CEEC conference: “Impact of Megatrends and Solutions for the Built Environment and Real Estate

**Past events:**
The detailed work-plan of commission 9 could be found at the following link


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

The Scientific event of the Faculty of Geodesy - Technical University of Civil Engineering Bucharest was organized in 2017 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

Between 14 and 15 of September 2017, Bucharest hosted the FIG Commission 7, 8 and 9
International Symposium GeopreVi 2017, having as a theme 'Smart Solutions for a Secure and Valuable Property'. More than 200 professionals (surveyors, land administration, spatial planning and development and land valuation professionals), from more than 10 countries, met in Bucharest to debate and communicate in a professional and scientific manner, exchanging knowledge and experience in finding out smart technical solutions in order to ensure a more secure and valuable property in the modern and challenging forming society.

In Bucharest three of the FIG commissions were working together: Commission 7 was represented by Chair Mrs. Gerda Schennach from Austria, Commission 8 was represented by Chair Mr, Kwame Tenadu, from Ghana and Commission 9 was represented by Manohar Velpuri, WG chair. "It was a great initiative to have those three commissions in Bucharest, as all three commission understand what good land management is", President Potsiou mentioned.

FIG Commission 9 as UN Volunteer in UNFCCC for COP23:

For COP 23, UN Volunteers has recruited more than 650 volunteers to support a wide range of operational tasks throughout the event. They all attended a full-day training on October 30. FIG commission 9 also had participated in this unique experience and demonstrated its efforts and commitment towards - SDG 13: Climate change, SDG 17: Partnerships for the goals

Source: https://www.unv.org/tags/cop-23
FIG TF on Property Markets

The 78th Session of the Committee on Housing and Land Management will take place from 8 to 10 November 2017 in Geneva. It will include a Ministerial Segment on 9 November 2017, which will be organised as a forum for a high-level exchange of experiences and views on progress and challenges related to the implementation of recent international agreements such as the 2030 Agenda for Sustainable Development, the New Urban Agenda and the Geneva UN Charter for Sustainable Housing. The Ministerial Meeting is expected to adopt the Geneva Ministerial Declaration on Sustainable Housing and Urban Development. It will be also an occasion to celebrate the 70th anniversary of the Committee since its establishment.


The final document from the Taskforce will be presentable before the end of 2018.

FIG Commission 9 liaison between FIG and ISO/TC 307 (Blockchain and distributed ledger technologies) :: Plenary II, Tokyo

On 13-17 November, the Second plenary of ISO TC 307 on blockchains and distributed ledger technologies (DLTs) were held in Tokyo, Japan.

International Blockchain Conference
The agenda of the second plenary is available:
[https://english.jipdec.or.jp/activities/research/20171113ibc.html](https://english.jipdec.or.jp/activities/research/20171113ibc.html)

A new total of 27 participating countries, 14 observing members, and five liaison organisations. FIG is one of the 5 Liaison organisations. TC 307 is a liaison to 15 other standardization committees, and 13 other standardization committees are liaison to TC 307. There was a total of ~137 delegates at this second meeting of TC 307, up from ~89 at the first meeting.

Fifth High level forum - UNGGIM.
FIG commission 9 participated as Denmark (National representation) in 5th High level Forum on UN-GGIM side event - the United Nations Environment, in partnership with UN-GGIM, the National Institute of Statistics and Geography (INEGI) of Mexico, the European Space Agency (ESA), the United States National Aeronautics and Space Administration (NASA) and the European Commission's Joint Research Centre (JRC)-

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

The Annual Meeting and the international Conference on Cadastre for Emergencies and Disasters - Challenges and opportunities for islands and coastlines, which was co-organised with FIG Commission 9, attracted 94 participants from four continents, among them directors of national expert institutions in cadastre and land administration, international experts, company representatives and
professors of important universities and a considerable large delegation from the Republic of Korea. The topics included 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.

**FIG commission 9 in World bank:**

1) Distributed ledger technologies and blockchain for a better Sustainable development goals framework

Poster Board 02-08 Location: MC Atrium, Wednesday, 21/Mar/2018: 7:00pm


2) Fintech and its impact on Land administration and geographical information systems.

Poster Board 02-09 Location: MC Atrium, Wednesday, 21/Mar/2018: 7:00pm


3) Session 05-08: New Tools for Applied Land Valuation Location: MC 8-100

Wednesday, 21/Mar/2018: 8:30am - 10:00am

Session Chair: Steven Nystrom, FIG Commission 9, United States of America

Other relevant sessions were:

Session 04-05: Transforming Land Registration in Greece, Time: Tuesday, 20/Mar/2018: 3:45pm - 5:15pm

Session Chair: Chrysi Potsiou, FIG, Greece

05-08: New Tools for Applied Land Valuation, Time: Wednesday, 21/Mar/2018: 8:30am - 10:00am

08-02: Surveyors in Today's World: a Round Table, Time: Wednesday, 21/Mar/2018: 3:45pm - 5:15pm

Session Chair: Maurice Barbieri, CLGE (Council of European Geodetic Surveyors), Switzerland
FIG Congress 2018 that took place in Istanbul, Turkey, 29 May – 2 June 2017 ::

XXVI FIG Congress 2018 was held successfully in Istanbul, Turkey, between 06 and 11 May 2018. The theme of XXVI FIG Congress 2018, “Embracing our smart world where the continents connect: enhancing the geospatial maturity of societies,” had a clear technical focus to motivate surveyors to improve their qualifications for the “Geospatial Transformation of the World”. It was co-organised by International Federation of Surveyors (FIG), Turkish Chamber of Survey and Cadaster Engineers (HKMO), Turkish Chamber of Survey and Cadaster Engineer (TCSCE)

More than 2,500 participants from Turkey and around the world and more than 400 sessions, several partner sessions and meetings and a lot of activity and networking possibilities, and 93 countries found their way to the Istanbul Convention Center in the city center of beautiful Istanbul, close to Taksim Square. As part of FIG Congress 2018 the FIG General Assembly 2018 was held with a record number of delegates. In the first General Assembly on 6 May 58 member associations were represented, and in the second a total of 71 member associations were present during the General Assembly and the votings.

Steven Nystrom, chair Commission 9, the Valuation and Management of Real Estate.. The Congress had over 2500 participants - 812 foreign & 1508 Turkish delegates 108 exhibitors 133 young surveyors. Out of >400 papers 27 peer reviewed papers 15 FIG Sessions 12 partners sessions 3 pre-events 2 sub events during the Congress 63 technical sessions 3 platinum member sessions 3 ISS sessions Exhibitors’ presentations, the Commission 9 had presented about 29 papers here (including 2 peer reviewed papers) and have 4 working groups, and published UN Guidebook on the Valuation of Unregistered Land in addition to taking forward the works on Task force for Real estate market study.

Monday, 7 May 14:00–15:30 CAMLICA HALL, Istanbul Congress Center
TS01I: Technological Change in Land Administration, Valuation and Financial Technology
Commission: 9 Chair: Mr. Steven Nystrom, United States
Rapporteur: Mr. Manohar Velpuri, Denmark
The advances in Land Administration, Valuation and Financial Technology are shaping the way we will all do business in the future. This session embraces cutting edge ideas to show us how our industries are adapting to the digital age..
Monday, 7 May 16:00–17:30 CAMLICA HALL, Istanbul Congress Center
TS02I: The Intersection of Land Valuation and Real Estate Infrastructure
Commission: 9 Chair: Mr. Steven Nystrom, United States
Rapporteur: Mr. Vasily Nilipovskiy, Russian Federation

Land valuation underpins many diverse sectors of the economic infrastructure of a national economy. This session will explore some of the more unusual valuation methodologies and institutional support systems as used within the national economic infrastructure.

Tuesday, 8 May 16:00–17:30 CAMLICA HALL, Istanbul Congress Center
TS05I: Land Valuation Methodologies Embracing Technological Change
Commission: 9 Chair: Mr. Steven Nystrom, United States
Rapporteur: Mr. David Smejkal, Czech Republic

The valuation industry is evolving and ever more tools for solving analysis problems are being devised. This session will highlight a variety of unusual methodologies used to overcome a variety of very specific valuation challenges.

Tuesday, 8 May 17:30–18:30 ICC
FIG Commissions Annual Meetings The FIG Commissions are responsible for pursuing FIG's professional and technical objectives and are the backbone of the professional work in FIG. The Commission meetings are open for everyone who are interested in the work. After the meeting each commission hosts a dinner.

Wednesday, 9 May 16:00–17:30 CAMLICA HALL, Istanbul Congress Center
Launch of ‘Valuation of Unregistered Lands: A Policy Guide’ (UN-Habitat, FIG and RICS)
Chair: Mr. Steven Nystrom, United States
Rapporteur: Mr. John Gitau, Kenya

Key objectives: To introduce participants to the basic concepts of the ‘Valuation of Unregistered Lands: A Policy Guide’ Solicit comments from participants on their views about the guide To formally launch the guide

Publication: Valuation of Unregistered Lands: A Policy Guide was launched.

The policy guide is intended for valuation practitioners, land professionals, policy makers and stakeholders involved in the valuation of unregistered lands. The global agenda in the guide provides the ethical framework to value unregistered land to ensure equity, ethical considerations and fair valuation judgments, inclusivity and sustainability. Challenges encountered while undertaking valuation of unregistered lands form the focus of the suggested
framework to value this land. The framework entails using both conventional and innovative approaches with recognition of the social construction of value through social market value. The guide serves to strengthen the implementation of the continuum of land rights, a key tool to strengthen tenure security for all.

Mass valuation is a core institutional component of most western economies. Adapting the lessons learned to developing countries and refining existing systems for better performance will help foster superior performance. This session will explore these national experiences and challenges and provide insights for better performance in the future.

Opaque poorly developed land markets pose very unusual problems and constraints for a market and national economy. This session will explore how these extreme challenges are being faced and possibly overcome.

During the first General Assembly on 6 May all candidates for the various position had a chance to present themselves and the election took place at the 2nd General Assembly on 11 May.

Elected were:
President: Rudolf Staiger, DVW Germany
Vice Presidents: Diane Dumashie, RICS, UK
Jixian Zhang, CSSMG, China
Commission 9: Ben Elder, RICS
The third meeting of TC 307 was held - 14th to 18th May in London, UK
https://www.iso.org/committee/6266604.html

35 participating countries 12 observing countries Joint technical committee (ISO/IEC) 1 & 9 Technical committees of ISO, 1PC to TC 307 Joint technical committee (ISO/IEC) 1 & 5 Technical committees of #ISO, 2 PC's from TC 307 5 Category A liaison (European commission, Swift, FIG, ITU, UNECE) participated. There was a total of ~ 160 delegates at this third meeting up from ~137 delegates at this second meeting of TC 307, up from ~89 at the first meeting and the evening social event organised by BSI was attended by 74 delegates

We also thank our pre - conference activity partners and sponsors, and FIG office staff
Our Social media page : https://www.facebook.com/FIG-Commission-9-158749437554409/

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