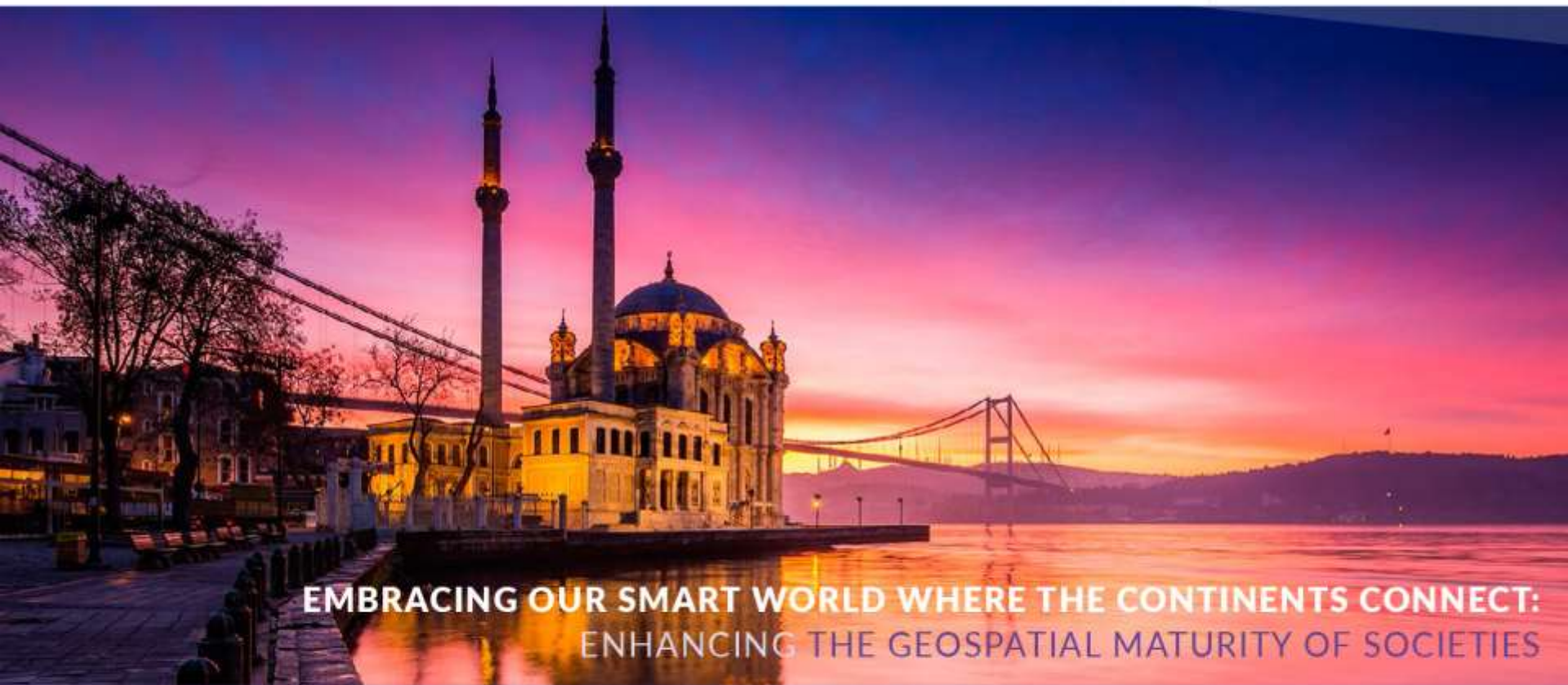




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General Assembly – Friday 11th May

- Highlights from your Commission Chairs



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Embracing our Smart World

Embracing

- **Our Role, Influence and Impact**
- Our commision Technical sessions and Insprational sessions considered this in the contect of society demands, led by thought leadership in:

Urban and Rural Development and Modern Technology

Enhancing:

- Clearly underpinned by geospatial developments, specifically understanding **Technology and society are driving the Data Ecosystem-**

Future is Smart, *Connected* and

Sustainable - Abbas Rajabifard

Connected Societies

Connected
Systems

Connected
Platforms

Connected
Government

Connected
Minds

Moving from being

“***Sustainable***” to

Productivity & “***Regenerative***”

Enhancing.....



- **Informed by:** SDGs, Spatial eco system & Land Governance
- The challenge: is our **added value**, demonstrated in the inter-connectivity of you and your thinking,
- **Commission's highlights:** roles, influence and impacts.....

Delivering Spatial Enablement (C 3):

- **Leave no one behind:** The speed with which information is required involves the constant updating of digital tools and models, of open government and of the digital agenda.
- Importantly **crowdsourcing and geodesy is the most convenient methodology** for promoting and coordinating right development and public sector innovation.
- **Impactful** and constant activity to update in the field of **spatial information management**, thus succeeding in achieving important universally shared objectives.



Creating space above and below (C 4)

- Moving from sustainable to productivity and regeneration, SDG 14....The Blue Economy!
- *The oceans and seas are the majority of the earth's surface and as such data gathering and management should be improved upon for proper maritime spatial planning.*
- Our role to develop and promote **marine and coastal spatial information**
- And, increase collaboration within and outside the commission (your MA contact names please!)



Embracing our Smart World - (C 5)

Focus areas

- **Inspiration** from session on “Future of Positioning”
- **Importance** of Reference Frames / Geodetic Dynamic Datum is gaining greater traction again
- **Essential topics** Geodetic Risk Monitoring, GNSS and Laser Scanning
 - **Geodesy for Smart Cities, Commission 5, 6 and 10 Symposium in Bucharest, Romania, 29-30 October**



Technology and Society are driving Land Administration (C7)

Key messages

- Need to establish long-term sustainable land administration systems based on legal frameworks and **political commitment** rather than implementing projects with short-term success
- Land management in growing **urban zones** including acquisition of data from smart devices
- bringing existing infrastructures to a more **secure level of operation** (cloud, blockchain)
- impact of land registration on real estate markets and on value of land
- Improvement of quality of data and services by **integration of user communities**
- legal, technical and social **security of tenure** and systems to be developed and connected



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.....where the continents connect

- 2 WS Turkish speaking and Asean countries (org Orhan Ercan, 280 participants)
 - Round Table on Property for Women in Muslim Countries (GLTN+FIG)
- 2 Young Surveyors from Colombia award in Annual Meeting 2017, presented in Congress Technical Sessions



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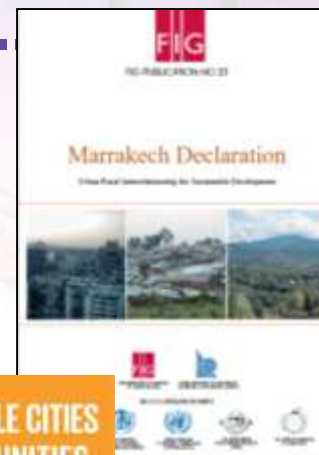


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Complex urban Interdependencies (C8)....

- **Focus** on adaptive capacity in land use planning
- **Promote** integrative approaches to urban and regional planning
- **Foster** urban- rural relationships (Michael Klaus)
- Need for multi-dimensional land/spatial information (Abbas Rajabifard)
- Empower people and embrace technology



Connected society, connected value (C 9)

Embracing the best of new technology –

Our sessions underscored the need for creative fit for purpose approaches to the worlds expanding problems. New tools are available to better use land & boldly take us into the world of tomorrow !

Impactful:

- Block chain & Fintech, Valuation of informal RE, Mass valuation
- Linkages with cadaster
- Data transparency
- Compulsory purchases





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Pre-Event BIM Workshop (C10)

BIM advances sustainability & SDGs....

- Yes! 50 surveying professionals and academics attended the workshop on 5 May 2018.
- The workshop comprises 3 technical sessions with presentations on BIM Basics, BIM GIS & Surveying and BIM Best Practices and one session for round table discussions.
- *The highlight of the workshop was a visit to the New Istanbul Airport where BIM is used.*



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6-11 May 2018, Istanbul



Technical Session & Roundtable (C 10)

The continents meet.....

- **Europe-** Dr. Christian Clement/ BIM for Surveyors Workshop.
- **Asia-** Dr. See Lian Ong / Legal and Contractual Implications of BIM
- **Africa** - Participants encouraged FIG to conduct a BIM workshop

Technical.....

- Great interaction and Q&A especially on critical success factors on project delivery.
- Topics ranging from BIM to Smart World, from materials technology to sustainable construction will be discussed.



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Future is Smart.... Professional Responsibility (C 1)



Recommendation that the profile of “**Ethics**” be raised beyond Commission level by:

- A plenary session in the next Working Week,
- An interactive session in the YSN Conference

And.....

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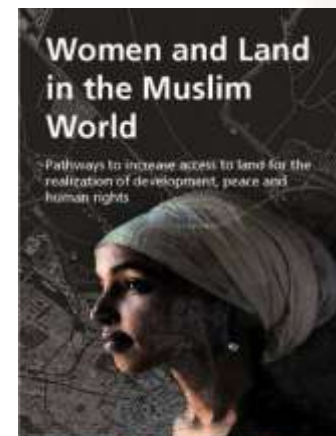
Leave no one Behind (C 1 & 7)

Key focus area (C1):

- That the process of setting up a **Women in Surveying Network** be progressed.
- That FIG continues to **encourage gender diversity** in the surveying profession

And, cross Commission gender topic activity with C7

- Link to emerging platforms GLTN/FIG '**Women and land in the Muslim world**'
- Gender issues of land property in all kind of societies to be analysed, and
- Measures to improve **women encouraged into our profession** and give better opportunities to land ownership (cross-Commission topic)



You- Dear Delegates

Some flash facts

- Commission sessions many well attended, challenged by no-shows; delegates have participated continuously and actively
- Comm 7 had 10 TS Com7, 3 joint with C3 & 1 with C8/C9
- Comm 10/ BIM Comm 3.: More than 70 (in one session 125).

And let us not forget..

- Inspirationally sessions, this format is growing in popularity
- & Newcomers session



Final Words

- **Embracing our smart world & Enhancing society Means**
- Our 'value add' is to:
- Leave no one behind
 - People
 - Places
 - Prosperity
 - Partnership
 - Planet





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Thank You
for your participation and attention
At the FIG Congress, Istanbul 2018
- where the continents meet



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