



FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life
and Environmental Resilience"



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Commission Work Plans

Commission 1, 2, 7, 8 and 9

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Winnie SHIU

Chair Commission 1

Professional Standards & Practice

ACCO Representative (2019-2020)

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG1.1 International Ethical Standards

Chair - Gary Strong, UK

International Ethics Standards by IESC

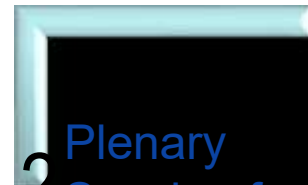


Round Table Discussion - Implementation of IES



16:00 - 17:30
Trimble Room

Results of Implementation of IES Review of the FIG Publication No. 17 published in 1998



Plenary Session for IES in FIGWW 2021 and Case Study Guidance

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG1.2 Women in Surveying

Chair: Robyn McCutcheon



- Set Up Women in Surveying Network
- Create Policy Recommendation to the FIG Council
- Create an Action Plan
 - Actively promote women in the industry
 - Address the hidden bias towards women
 - Address the lack of gender diversity
- Review the results of implementation

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG1.2 Women in Surveying

Round Table Discussion on

25 April at 11:00 - 12:30 Trimble Room

- To discuss the action items, which include promoting women in surveying, addressing hidden bias towards women in surveying, tackling the lack of gender diversity
- how best to promote women in the surveying industry
- To discuss individual challenges and case studies in each country represented

ORGANISED BY



PLATINUM SPONSORS





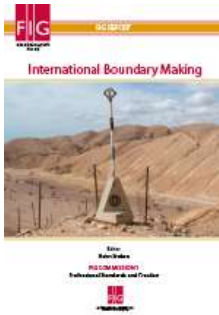
FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG1.3 International Boundary Settlement & Demarcation Chair: Dr. Haim Srebro, Israel



International Boundary Making
FIG Publication 59 2013

International Boundaries on Unstable Ground, Supplementary to FIG Publication 59

2020

Maritime Boundaries Final Report at the FIG Congress 2022

2022

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Commission 1 Annual Meeting and Joint Dinner with Commission 2

- 24 April at 17:30

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



KEY MESSAGES

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG1.1 International Ethics Standards

FIG Publication No.17 (2013)	IES (2016)
Integrity	Accountability
Independence	Confidentiality
Care and Competence	Conflict of Interests
Duty	Financial Responsibility
To our Profession: Should we adopt IES	Integrity
	Lawfulness
	Reflection
	Standard of Service
	Transparency
	Trust

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG 1.2 Women in Surveying

To the Ladies:
Dare to Dream, Dare to Be

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG 1.3

International Boundary Settlement and Demarcation

Peace and Stability
throughout the World

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Thank You

shiuwinnie@yahoo.com

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



FIG Commission 2 Workplan 2019-2022

General Assembly

Monday, 22 April

David MITCHELL, RMIT University, Australia

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



FIG Commission 2

- **Chair: David Mitchell** (RMIT University)
- **Vice Chair: Mohsen Kalantari** (Uni. of Melbourne)
- Key themes for this term:
 - Innovative learning and teaching (curriculum, methods, technology).
 - Knowledge sharing.
 - Capacity Building.
 - Cooperation with other professions.
 - CPD.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Why is Professional Education Important for Surveyors?



- The 1948 UN Universal Declaration of Human Rights: “higher education shall be equally accessible to all on the basis of merit.
- The SDGs Target Target 4.3: by 2030 “ensure equal access for all women and men to affordable quality technical, vocational and tertiary education, including university” (UN 2015).
- Effective professional education builds the knowledge needed to achieve the SDG targets

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Working Group 2.1 Developing Academic Networks: Objectives

Chair: Dimo Todorovski (University of Twente)

- share knowledge and good practices in surveying curricula and programs across educational institutions and across countries – especially through existing and newly created academic networks;
- seek feedback from these academic networks on changes in curricula and approaches to professional education that respond to the changing nature of the surveying profession;
- discuss and describe core competences (knowledge, skills and attitudes) for the education of future land surveyors and land professionals;
- explore the needs of society and higher educational organizations to develop mechanisms and processes that will help to meet those needs;



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG2.2 Innovative teaching and learning: Objectives

- To exchange and promote good practices in learning and teaching
- increase our understanding of the challenges and innovation in professional education.
- Exploring the needs of society and how education can meet those needs.
- Promoting sharing of advances in professional education,
- research in surveying education and training (curriculum development, educational material development, joint courses, quality assurance etc.).
- Improving dissemination of information on educational theory and practice to the members across the world.
- Continuing Professional Development.

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



WG2.3 Evolving learning styles and needs: Objectives

Chethna Ben (Fiji), Franka Grubisic (Croatia), Mudit Kapoor (India)

- To survey, analyse and document the learning styles of students at different ages (including young surveyors) and from different regions.
- increase our understanding of the varied ways that surveying students learn.
- **Joint Commission 2/YSN working group project** – “Learning and communication preferences of surveying students”.

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



How Commission 2 can make a difference

- By understanding different learning and communication styles.
- By strengthening academic networks to share knowledge and experiences.
- By promoting the very best examples in curriculum development, core competencies, teaching methods, and the use of technologies.
- By working with other commissions.

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Commission 7

Cadastre and land Management

Co-chair

Paula Dijkstra

Kadaster International

paula.dijkstra@kadaster.nl



Chair

Daniel Paez

INECA Pty Ltd

dpaez@ineca.co

ORGANISED BY



PLATINUM SPONSORS

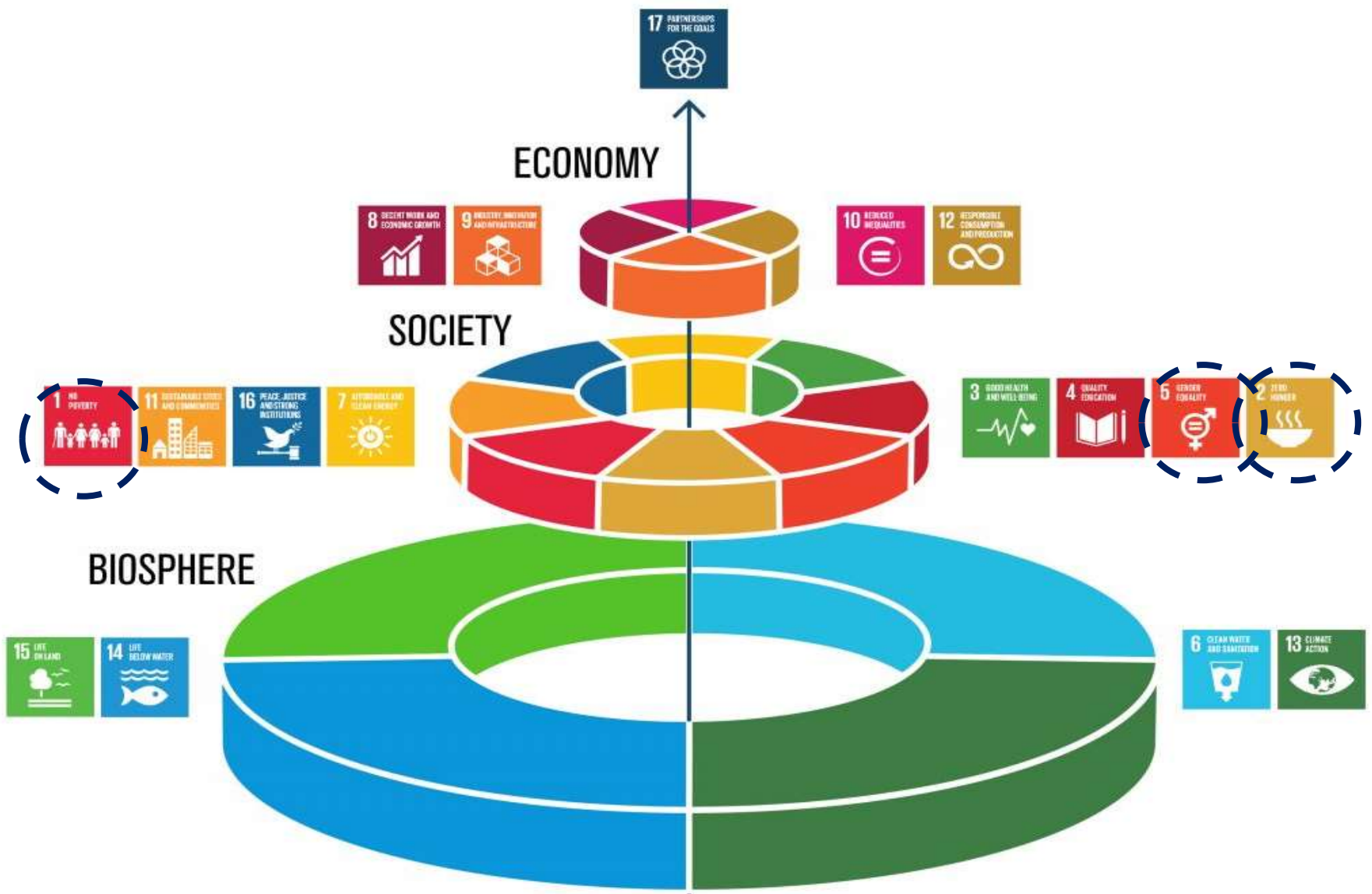


Land administration is about people



...and new technologies
are changing our work





SDGs are driving surveyor's efforts

Urbanization is happening across the globe





However, land challenges
are bigger than ever

Commission 7

How could we measure land administration progress towards SDGs?

Working group 1: Cadastre template

How digital land information systems would disrupt the role of surveyors?

Working group 2: Digital twin and smart land information systems

Commission 7

How could we speed up with Fit-For-Purpose solving land challenges across the world?

Working group 3: FFP implementation

Who could we make cities more resilience?

Working group 4: Urban challenges

(with commission 8 and 9)

How could we develop a 3D representation of digital parcels?

Working group 5: 3D cadaster

(with commission 3)



FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Working plan 2019-2022

Commission 8 – Spatial planning and development

Marije Louwsma

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Mission statement

In a world of **limited resources**, of which land is the most prominent in the domain of spatial planning, the mission of commission 8 is to **provide access** to planning processes **for all** and balance the various interests in pursue of a **sustainable spatial development** at **all governance levels** both for the **short- and long-term**.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Working Groups

- 8.1 Rural-urban dependency
- 8.2 GIS tools for spatial planning (joint 3 & 8 WG)
- 8.3 Urban challenges (joint 7, 8, 9 WG)
- 8.4 Land policy instruments for spatial development
- 8.5 African water governance



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.1 Rural-urban dependency

Focus:

Rural-urban relations and their dependencies to foster smart and sustainable spatial developments in the urban-rural continuum.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.1 Activities and deliverables

2019

Identify factors and delineate solutions for SMART rural development

2021

Dissemination and awareness raising

2020

Working paper: Smart rural areas

2022

Workshop: TBD

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

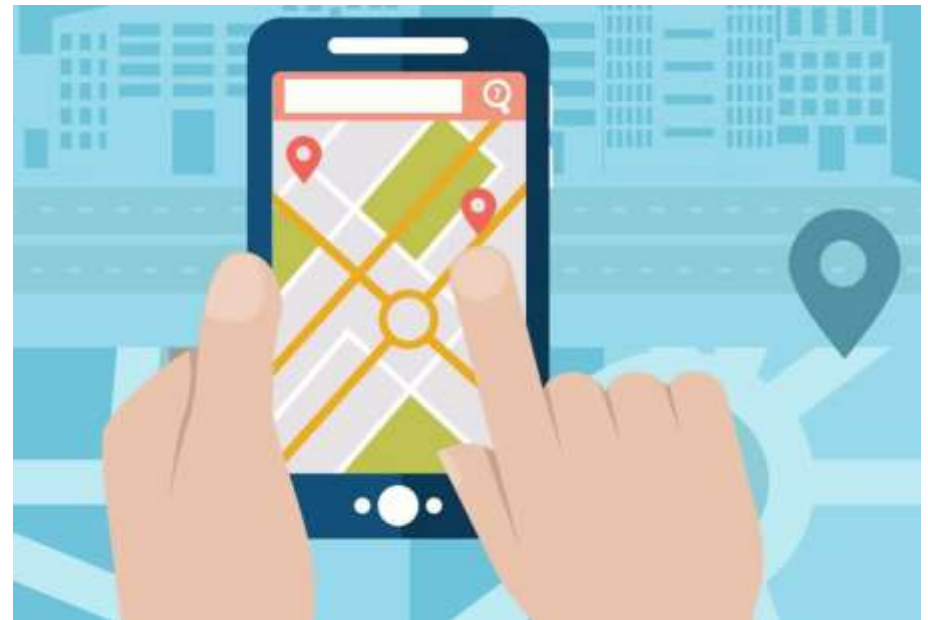
"Geospatial Information for a Smarter Life and Environmental Resilience"



8.2 GIS tools for spatial planning (joint 3 & 8 WG)

Focus:

Available GIS tools for spatial planning, in particular participative processes, to encourage transparent, participatory, and inclusive decision-making.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.2 Activities and deliverables

2019

Analysis of GIS tools and guidelines

2021

FIG publication: results analysis GIS tools for spatial planning

2020

Workshop: Joint commission 3 / 8 meeting

2022

Awareness raising

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.3 Urban challenges (joint 7, 8, 9 WG)

Focus:

Urban resilience (social, economic, climate) to improve sustainability in view of rapid urbanisation.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.3 Activities and deliverables

2019

Vertical villages and ecology of community
Incorporating socially-based tenure principles into residential development

2021

Workshop: Joint commission 8 /
Clean Air Finance meeting

2020

Develop audit tools for fiscal stress (municipality)
Develop land-based value capture tools for climate change
Technical session: FIG WW Amsterdam

2022

Working Paper: Assessment tool and guidelines

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.4 Land policy instruments for spatial development

Focus:

Available policy instruments that support the implementation of spatial policies or spatial redistribution of land (resources, land use or rights) to foster sustainable spatial development.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.4 Activities and deliverables

2019

*Workshop: Joint LANDNET /
commission 8 meeting*

2021

*Workshop: Joint LANDNET /
commission 8 meeting*

2020

*Technical session: FIG WW Amsterdam
FIG publication: Land consolidation*

2022

*Working Paper: Best practices of
land policy tools*

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.5 African Water Governance

Focus:

Resilience in urbanised areas in Africa from a water governance perspective and the role of surveyors.



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



8.5 Activities and deliverables



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam



"Geospatial Information for a Smarter Life and Environmental Resilience"



ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Comm 9 – Workplan - Key Goals

1. Work with all commissions to ensure valuation/appraisal contributes to their success by providing relevant evidential benchmarking
2. Ensure valuation/appraisal remains relevant through the 4th Industrial Revolution and is key to achievement of UN SDGs
3. Continue to work on defining 'Social Value' and informal assets
4. Natural and ecosystem value
5. Emphasis on land acquisition, compensation, sustainable taxation, land value capture and infrastructure/urbanisation – ILMS/LADM connection
6. Provide support for changing face of Valuation Education and collaboration with other bodies (IVSC, GLTN, UNFAO)

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Work with all commissions to ensure Valuation contributes to their success by providing relevant evidential benchmarking

- Engage with all FIG Commissions to understand how valuation can:
- Assist in project identification
- Provide benchmarks for project monitoring and delivery
- Evidence outcomes
- Connectivity with Comms 7, 8, 9 (and 3!) – combined WW sessions and events? And a cross comm 7, 8, 9 WG.

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Ensure valuation remains relevant through the 4th Industrial Revolution

- Provide thought leadership and practical tools for FIG members to understand the opportunities the 4th Industrial Revolution provides including:
- SDGs (11)
- Transparency
- Blockchain/Machine Learning/AI
- Predicted Values
- Automated valuation/taxation models and geospatial information
- Data management (LADM collaboration)
- Public safeguards – Regulatory requirements

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Continue to work on defining 'Social Value' and informal assets

- Focus on the pursuit of how to measure 'Social Value' and informal assets in existing and emerging market economies by engaging with:
- UN, World Bank and other key agencies
- Focus on behavioral economics
- Expand work on valuation of un-registered land with GLTN & RICS – output practice guide/protocol (WG 1)
- Providing insight into informal land and property markets

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Ecosystems, Acquisition and Urbanisation

1. Natural and ecosystem value (WG 2 – with World Bank, IFC, RICS)
2. Emphasis on land acquisition, compensation, sustainable taxation, land value capture and infrastructure/urbanisation (review of FIG publications and support of standards such as LADM, ILMS, IVSC, VGGT tech guides)
3. Extractive industries (collaboration with ISM)
4. Development of specific SDG input (involvement in TF)

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Provide support for changing face of Valuation Education

- Support the work of Universities and Colleges (and Comm 2) in providing educational tools including:
 - Podcast Series
 - MOOC
 - Signpost to best practice and standards
 - Guest lectures when Comm 9 members travel

ORGANISED BY



PLATINUM SPONSORS





FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Thanks from commissions
1, 2, 7, 8 and 9

ORGANISED BY



PLATINUM SPONSORS

