



FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting
Our World,
Conquering
New Frontiers

Newcomers' session

Welcome to FIG Working Week 2023!

Purpose: Welcoming You to FIG and the Working Week. Presenting and discussing how to make most use of the intensive week.



Organized By



Diamond Sponsors



Who are we?

- Mikael Lilje, FIG vice President 2021-2024
- Claudia Stormoen Pedersen, FIG Event and Support Manager
- Winnie Shui, FIG vice President 2023-2026
- Your name, Your professional discipline, and Where are you from

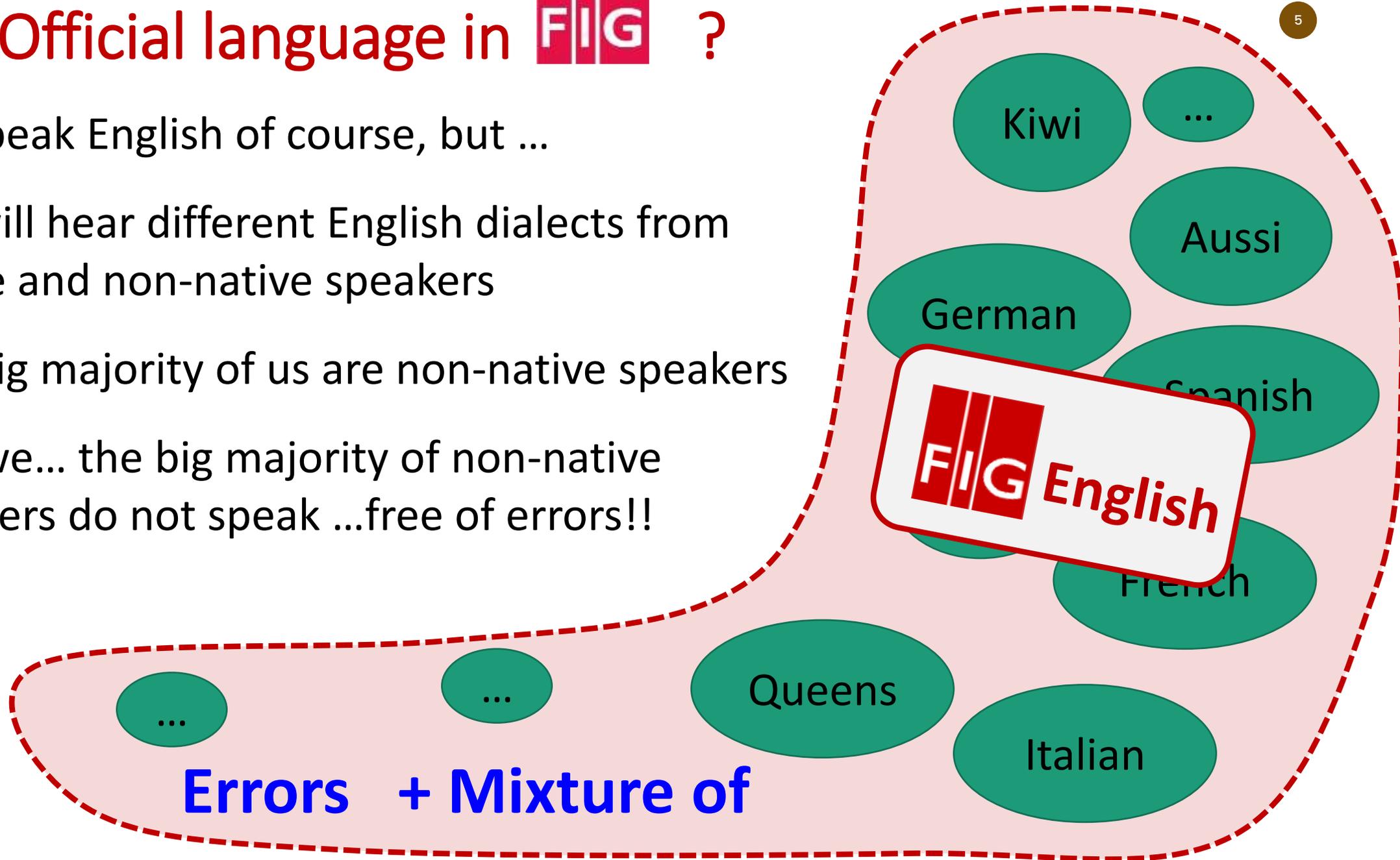
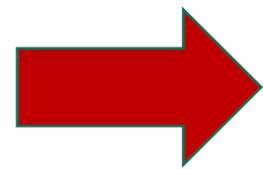
An aerial photograph of a rural landscape. A river flows through the scene, curving from the bottom left towards the right. The land is divided into numerous green and brown agricultural fields, some with distinct patterns. A small town or village is visible on the left side, nestled between the river and a forested area. In the background, there are rolling hills and a distant city skyline under a clear sky. The text "FIG represents the interests of surveyors worldwide" is overlaid in the center in a large, white, sans-serif font.

**FIG represents the
interests of surveyors
worldwide**



Official language in FIG ?

- We speak English of course, but ...
- You will hear different English dialects from native and non-native speakers
- The big majority of us are non-native speakers
- And we... the big majority of non-native speakers do not speak ...free of errors!!



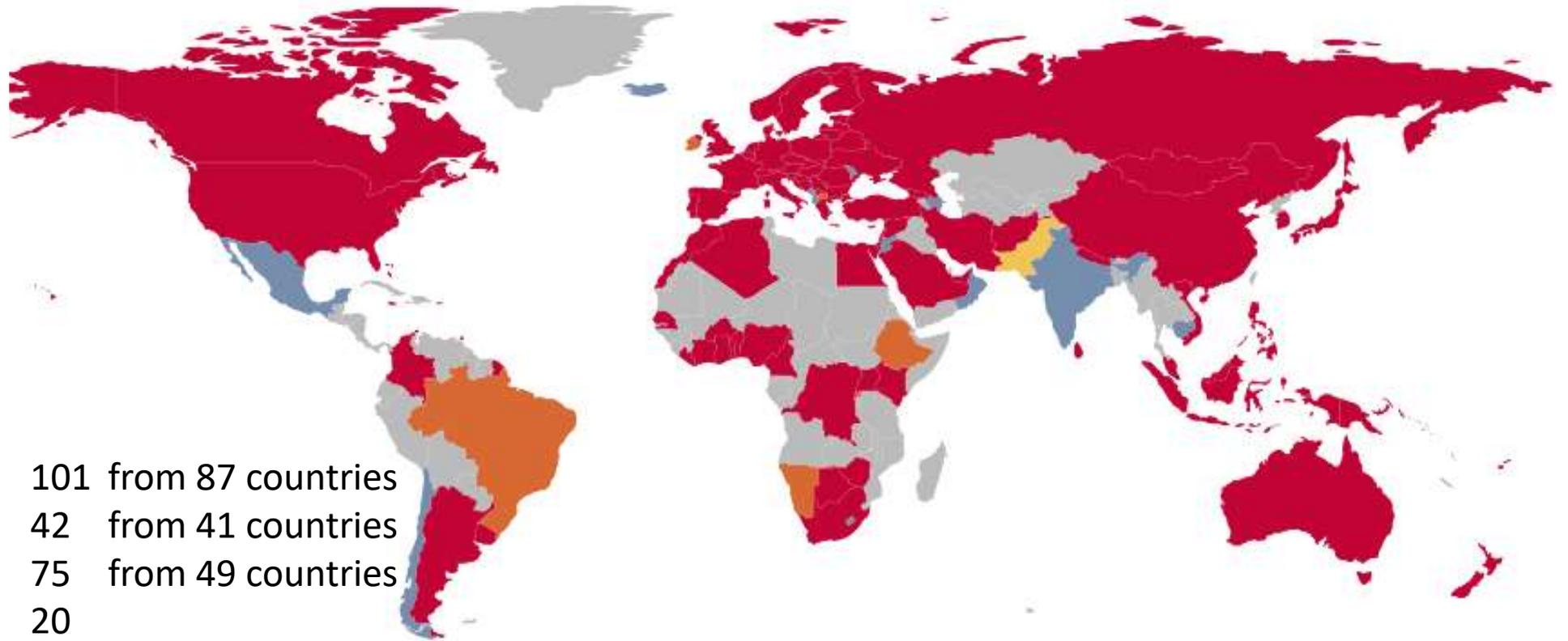
Mission of FIG

The Mission of the International Federation of Surveyors is to ensure that the disciplines of surveying and all who practice them meet the needs of the markets and communities that they serve.



Who are the members of ?

Over 120 countries represented in 2022 – more than 300,000 individuals



Membership categories:

- Member associations 101 from 87 countries
- Affiliate members 42 from 41 countries
- Academic members 75 from 49 countries
- Corporate members 20
- Correspondents 5
- Honorary presidents 8
- Honorary members 31
- Honorary ambassadors 2

FIG Office - Copenhagen

Since 1999

(General Assembly Decision 1998)

Behind this window is the FIG office!



Louise Friis-Hansen
Director



Claudia Stormoen
Events and Support
Manager



Maria Bargholz
Finance and
Administration

- General Assembly – oversight and voting
- Council: President and four VPs over a four-year term (2022- 26)
- Other administrative bodies
 - Four Networks: Young Surveyors, Two Regional Capacity development (Africa + Asia Pacific), Standards.
 - 10 Commissions
- Task Forces
 - FIG and the Sustainable Development Goals
 - Role of FIG in International Trends and Future Geospatial Information Ecosystem
 - Diversity and Inclusion in the Surveying Profession
 - Reimagining the Climate Action Agenda for the Global Surveyor Community through FIG

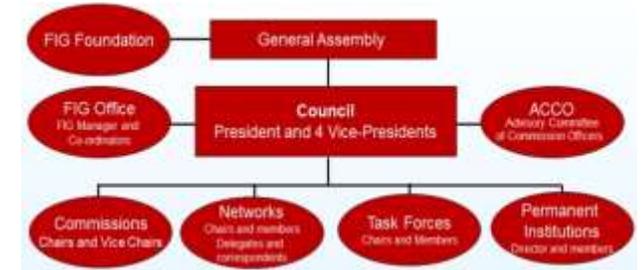


FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting Our World, Conquering New Frontiers

- Commission 1:** Professional Practice
- Commission 2:** Professional Education
- Commission 3:** Spatial Information Management
- Commission 4:** Hydrography
- Commission 5:** Positioning and Measurement
- Commission 6:** Engineering Surveys
- Commission 7:** Cadastre and Land Management
- Commission 8:** Spatial Planning and Development
- Commission 9:** Valuation and the Management of Real Estate
- Commission 10:** Construction Economics and Management

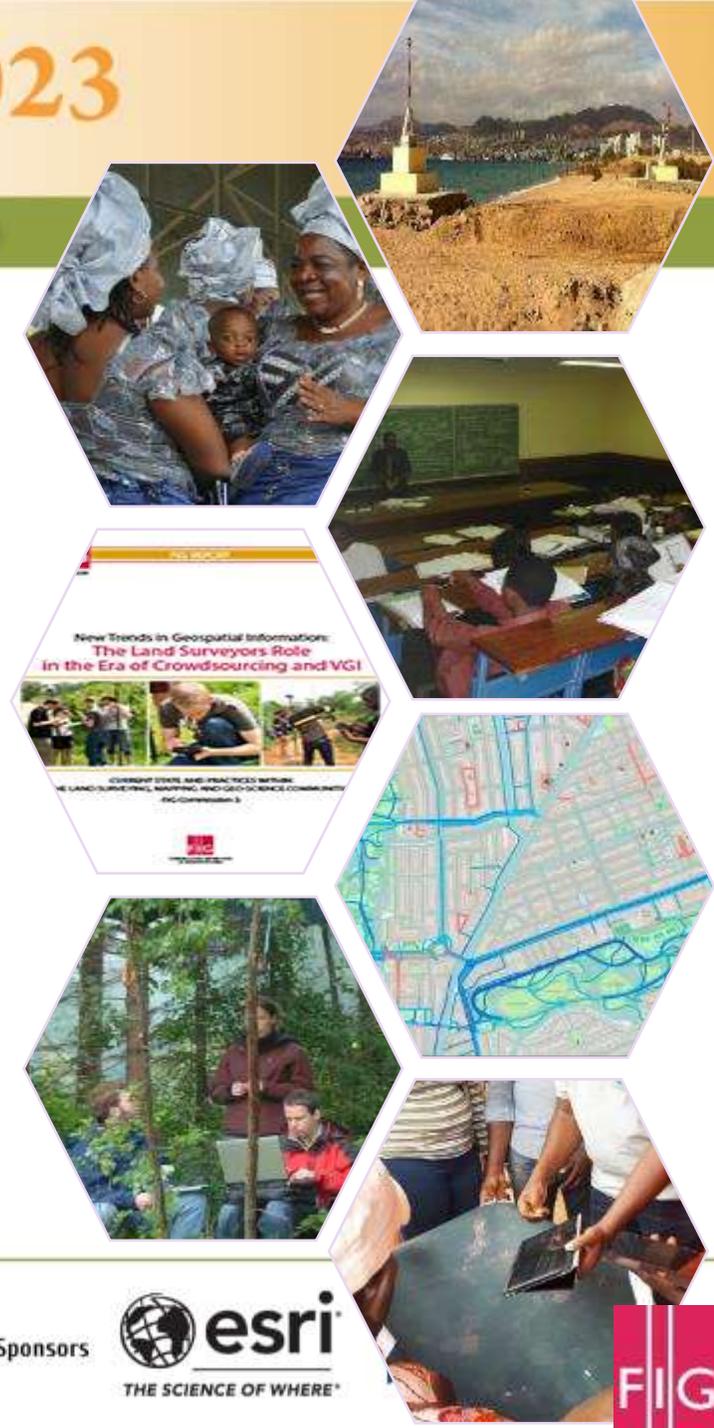


FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting Our World, Conquering New Frontiers

OUTCOME



WHAT IS A FIG WORKING WEEK?

- 9 plenary speakers
- 300 + presentations
- Corporate members Sessions
Bentley, Esri, Leica geosystems, Trimble
- Small Island Developing States Sessions
- 1 session in French and 2 in Spanish
- Member sessions – Member associations, Director Generals, Academia
- Meetings
- + 1000 participants from all over the world
- FIG CINEMA
- NGS Day
- Continuing Education Units
- Working Week Dinner: American Evening
- Commission dinners
- Cornhole
- Technical tours
- Exhibition
- Connect+Reflect Zone
- Networking
- peer-to-peer conversations
- Smiles and Laughs

Monday, 29 May					Monday, 29 May							
Citrus/Collier/Columbia		Flagler/Gilchrist		Hamilton/Indian River	Nassau	Orange	Palm	Taylor	Madison	Vesey	Broadway/Carnegie	
Morning		Newcomers Session 8:00–8:45			SIDS MEETING 8:00–8:50						Morning	
09:00–11:00		PLENARY SESSION 1: PROTECTING OUR WORLD – Bonnet Creek Ballroom [10511]										09:00–11:00
11:00–11:30		Morning Break – Exhibit Hall										11:00–11:30
11:30–13:00		TS01A: FIG Member Association Forum	TS01B: FIG Corporate Member Session – ESRI	TS01C: Rethinking the Climate Action Agenda for the Global Surveyor Community through FIG – C: TF on Climate [10548]	TS01D: SIDS – Introductions of Global and Regional Supporting Partners – Session 1 [10533]	TS01E: History Session [10540]	TS01F: Surveying by Drones – Session 1: Theory, Practice, and Standards – C: 5, 6 & Standards Network [10556]	TS01G: Dynamic Datums and Working with Resultant Data (for both Surveyors and Geospatial Experts) – C: 5 [10563]	TS01H: French Session 1 [10545]	TS01I: Framework for Effective Land Administration (FE LA) – C: 7 & UNGIM EG-LAM [10520]	TS01J: Open Data Initiatives and Perspectives in SIM – C: 3 [10589]	11:30–13:00
13:00–14:30		Lunch Break – Center Foyer/Lunch Area										13:00–14:30
14:30–16:00		TS02A: FIG Mentoring Program – C: YSN	TS02B: Enhancing Women's Access (to Land and Surveying) – 1 – C: 1, 7 & TF on SDG [10528]	TS02C: FIG/GLTN Working Together on Land and Climate [10549] – C: GLTN	TS02D: AVM, Digital Twins and BIM for Increasing Transparency on Real Estate Markets – C: 9 & 10 [10608]	TS02E: Blue Surveying – CLGE Seville Declaration – the Planet is Thirsty for Concrete Actions – C: 3, 4 & CLGE [10541]	TS02F: Surveying by Drones – Session 2: Panel Discussion – C: 5, 6 & Standards Network [10557]	TS02G: Combining Positioning and Sensing Systems – C: 5 & 6 [10564]		TS02I: 3d Land Administration – C: 3, 7, ISO & OGC [10521]	TS02J: SIDS – Top Concerns of the Caribbean SIDS – Session 2 [10534]	14:30–16:00
16:00–16:30		Afternoon Break – Exhibit Hall										16:00–16:30
16:30–18:00		TS03A: Future of the Young Surveyors Network	TS03B: Enhancing Women's Access (to Land and Surveying) – 2 – C: 1, 7 & TF on SDG [10529]	TS03C: Opportunities and Challenges for Climate Change Adaptive Strategies – C: 8 & YSN [10550]	TS03D: SIDS – Top Concerns of the Caribbean SIDS – Session 3 [10535]	TS03E: Valuation of Unregistered Land Manual – C: 9 & GLTN [10542]	TS03F: FIG Academic Forum	TS03G: Novel Low-Cost Positioning Sensor Systems and their Applications – C: 5 [10565]	TS03H: FIG Corporate Member Session – Leica Geosystems	TS03I: Future of LADM – C: 3 & 7 [10522]	TS03J: Advances in GeoAI – C: 3 [10590]	16:30–18:00
Tuesday, 30 May					Tuesday, 30 May							
Morning					SIDS MEETING 8:00–8:50						Morning	
09:00–11:00		PLENARY SESSION 2: CONQUERING NEW FRONTIERS – Bonnet Creek Ballroom [10512]										09:00–11:00
11:00–11:30		Morning Break – Exhibit Hall										11:00–11:30
11:30–13:00		TS04A: FIG Director Generals Forum	TS04B: FIG Corporate Member Session – Trimble	TS04C: Legal Regulations for Valuation and Transparency on the Real Estate Market in Countries and States – C: 7 & 9 [10551]	TS04D: SIDS – Summary Session and Development of Draft Declaration – Session 4	TS04E: Hydrographic Applications in Blooming the Blue Economy & Marine Administration – C: 4 [10544]	TS04F: Legal, Policy and Reform Issues in Land Administration – C: 7 [10558]	TS04G: GNSS Reference Stations and Networks – C: 5 [10566]	TS04H: Diversity and Inclusion in the Surveying Profession – C: TF on Diversity/Inclusion	TS04I: Fit-for-Purpose Land Administration: Making it Happen – C: 7 [10523]	TS04J: Technological Advances in Spatial Data Handling – C: 3 [10591]	11:30–13:00
13:00–14:30		Lunch Break – Center Foyer/Lunch Area										13:00–14:30
14:30–16:00		TS05A: Evaluation of Land Administration Systems – C: 7 [10524]	TS05B: Rural-Urban Linkages – C: 8 [10530]	TS05C: Examples of Transparent Real Estate Markets through Good Data Availability – C: 9 [10552]	TS05D: Digital Technologies in Construction – C: 10 [10536]	TS05E: Conquering New Frontiers of Hydrography – C: 4 [10543]	TS05F: Innovations in Surveying Education – C: 2 [10559]	TS05G: Building Capacity in Geodetic Competency – C: 5 [10567]	TS05H: Professional Standards – C: 1 [10582]	TS05I: Applications of Lidar in Engineering Geodesy – C: 6 [10587]	TS05J: GIS for Sustainable (Geo-) Spatial Planning – C: 3 & 8 [10592]	14:30–16:00
16:00–16:30		Afternoon Break – Exhibit Hall										16:00–16:30
16:30–18:00		FIG Commission 7 Annual Meeting	FIG Comm. 8 Annual Meeting	FIG Comm. 9 Annual Meeting	FIG Comm. 10 Annual Meeting	FIG Comm. 4 Annual Meeting	FIG Comm. 2 Annual Meeting	FIG Comm. 5 Annual Meeting	FIG Comm. 1 Annual Meeting	FIG Comm. 6 Annual Meeting	FIG Comm. 3 Annual Meeting	16:30–18:00
Wednesday, 31 May					Wednesday, 31 May							
Morning		FIG FOUNDATION MEETING (Bradford) 7:00–8:50			FIG Asia/Pacific Capacity Development Network – Meeting 7:45–8:45						Morning	
09:00–11:00		PLENARY SESSION 3: TACKLING THE GLOBAL CHALLENGES – Bonnet Creek Ballroom [10513]										09:00–11:00
11:00–11:30		Morning Break – Exhibit Hall										11:00–11:30
11:30–13:00		TS07A: Designing FFP Land Tenure Recordation Tools: VCSF In-Country Deployment in Sierra Leone – C: YSN & VCSF [10593]	TS07B: Spatial Planning and Socio-Economic Influences – C: 8 & 9 [10531]	TS07C: Finding the Price of Land – a Case of Registration and Good Data – C: 3 & 9 [10609]	TS07D: Sustainable Construction in the Built Environment – C: 10 [10537]	TS07E: Modern Parcel Management for Surveyors (ESRI) [10539]	TS07F: Spanish Session – 1 [10579]	TS07G: Land Administration Education – C: 2, 7 & GLTN [10568]	TS07H: The Land Administration and Management in Ghana: Emerging Trends [10610]	TS07I: FIG Corporate Member Session – Bentley Systems	TS07J: AI and Remote Sensing for Land Administration – C: 7 [10525]	11:30–13:00
11:30–13:00		NGS Day: Practical Implications of National Spatial Reference System (NSRS) Modernization – Changing Survey Methodology – Bonnet Creek Ballroom [10514]										11:30–13:00
13:00–14:30		Lunch Break – Center Foyer/Lunch Area										13:00–14:30
14:30–16:00		TS08A: Land Tenure Reform System for Mars – C: YSN & VCSF [10594]	TS08B: FIG Africa Capacity Development Network – Meeting	TS08C: Rural Development and Land Markets – C: 8 & 9 [10554]	TS08D: Cost Information Management – C: 10 & Standard Network [10538]	TS08E: Blended Learning: Good Practices and Lessons Learned – C: 2 [10561]	TS08F: FIG Americas Capacity Development Network – Meeting	TS08G: The Future of the Cadastral Surveyor – C: 7 [10569]	TS08H: FIG Standards Network Meeting – C: Standards Network	TS08I: Spatial Revitalisation Through Urban-Rural Land Linkages: Principles and Practices – C: 8, NUST, HSE, GLTN [10611]	TS08J: Land Administration Digitalisation – C: 7 [10526]	14:30–16:00
14:30–16:00		NGS Day: Update on the NOAA CORS Network and Opus – Bonnet Creek Ballroom [10515]										14:30–16:00
16:00–16:30		Afternoon Break – Exhibit Hall										16:00–16:30
16:30–18:00		FIG Presidents Meeting	TS09B: Spatial Planning Instruments for Land Governance: Conception and Implementation Strategies – C: 8 [10532]	TS09C: Real Estate Markets: Times to Change – What Can Make Markets Transparent? – C: 9 [10555]	TS09D: Cybersecurity, Data Quality and Openness in Land Administration – C: 7 [10547]	TS09E: Alternative Teaching Methodologies, Activate Students in the Classroom – C: 2 [10562]	TS09F: Spanish Session – 2 [10580]	TS09G: Comparing Cadastres – C: 7 [10570]	TS09H: Future of Surveying – C: 1 [10586]	TS09I: Assessment and Control of Critical Civil Infrastructure – C: 6 [10588]	TS09J: Digital Transformation in Land Management – C: 7 & 8 [10527]	16:30–18:00
16:30–18:00		NGS Day: Case Studies of Surveys NGS Does Now and How They Will Change – Bonnet Creek Ballroom [10516]										16:30–18:00



FIG CONFERENCE WEB APP 2023

www.fig.net/app

Social Activities – Network with your fellow attendees

- *Welcome reception*
- *Lunches and Coffee/Tea breaks – use them*
- *Exhibition*
- *Technical Tours*
- *Working Week dinner – American dinner*
- *Commission Dinners (Tuesday)*
- *Your own initiative*



FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting Our World, Conquering New Frontiers

The Conference does not stop when you return home

Plan to come back to new found friends!

Organized By



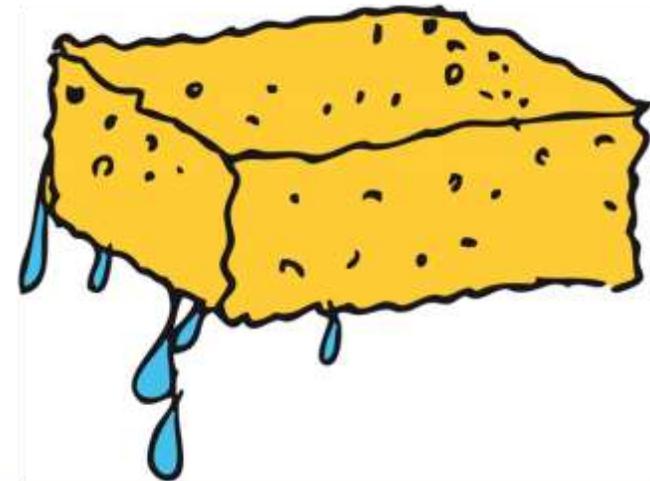
Diamond Sponsors



What type are you?

The sponge

(who wants to get everything they can learn and read)



What type are you?

Super Fan

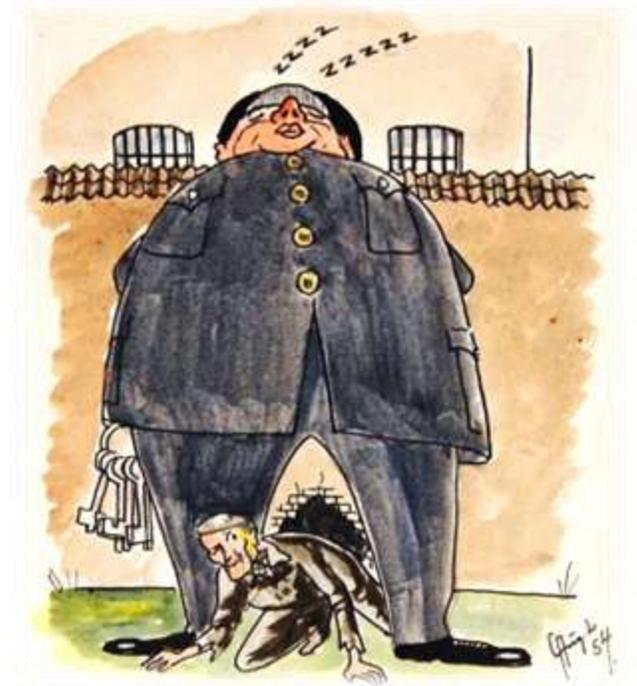
(who wants to meet his/her hero)



What type are you?

“the Break-out King”

(who wants to escape the daily work)



What type are you?

The Perfect Networker

(who wants to meet new colleagues)





FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting Our World, Conquering New Frontiers

WELCOME TO FIG

THANK YOU

Organized By



Diamond Sponsors

