



**Dr Diane Dumashie, FRICS
FIG President**

**Partnership:
UN GGIM Global Geodesy Forum**

**Tackling the Global Challenges:
People and Partnerships**

UN GGIM 13, New York, USA
31st July 2023

President Diane Dumashie, New York July 2023



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**Our Profession:
Serving People and Planet**



It is all about People!

- **The 2030 Agenda:** agreed and united global policy to transform the social, economic and environmental dimensions of humanity and our planet

- **Context of considerable global challenges**
 - **Why Partnerships matter**

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From Measurement to Action



President Kennedy Once Said . . .
 "We Now Have the Power . . .
 To Abolish Global Poverty
 or . . . Abolish Human Life" . . .

Jack Dangermond ESRI President ESRI UC, July 2023

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Overview




1. **FIG: Who What and Why**
2. **Shaping the Future: How**
3. **Partnerships: What and Who**
4. **Final Words**

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1. Who and What: International Federation of Surveyors



FIG:

- Members organisation, (100 + countries)
- FIG Contribution: knowledge generation, outreach and capacity building
 - **Professional: Standards**
 - **Institutional: Build capacity**
 - **Global Development: Regional/ International**

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How: Depth of experience Survey and Geospatial

Activity and outputs with Commissions:

1. Professional **standards & practice**
2. Professional **Education**
3. **Spatial information management**
4. **Hydrography**
5. **Positioning and measurement**
6. **Engineering surveys**
7. **Land management & cadastre**
8. **Spatial planning and economic development**
9. **Valuation and real estate**
10. **Construction economics**

and, **FIG Networks, Permanent Inst**




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‘Tackling the Global Challenges’ FIG action orientated theme



Prof Gratton:
www.lyndiagrutton.com

Five Forces:

- **Climate action** and the needs of a low carbon economy / also Energy and resources
- Rapid advances in **Technology and digital revolution**
- **Globalisation and communication**
- **(Settlements and (Rapid) urbanisation)**

Society's needs (and benefits):

- Transformational **societal** changes and expectations
- Profound changes in longevity and **demography**

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The Next Decade: Act on the Trends

The SDGs were the crowning global achievement of 2015 and 2030 is close;

but survey professionals deal in global and local realities.

Are we still relevant?

Yes, with Purposeful and Continuing intent; so.....

Jack Dangermond ESRI CEO ESRI UC, July 2023

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It is all about People!



www.pexels.com/ Einarhard Grossgasteiger

What does relevance look like?

We

- Are relevant to society for **Their/ Society** benefit
- **Bridge the gap** between high level strategy/ policy and actions on the ground
- Are recognised as a profession that is **trusted**, with high ethics and standards (keep building our capacity)

And

- Lead and contribute to sustainable development

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2. How: The Future We want to shape



Graphic: UN HABITAT

Our work plan aims to deliver and Demonstrate our resolve

Vision:

- **Serving Society, benefitting people and the planet**

Theme:

- **Tackling the Global Challenges** (Trends and crisis)
- Continue to develop capacity and grow to ensure that as individuals and a federation of members we remain relevant and capable of benefitting people and the planet

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Work Plan Aims and Pillars



FIG Aims:

- Planet
- People
- Partnership
- Governance and Communication

Sustainability runs throughout our work

- Task Forces are our Pillars and focussed to unpack our Relevance & Societal benefit
 - FIG Commissions and FIG community working together achieves our Theme
- Above all,

FIG works in Partnership

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Pillar i: Planet



Sustainability aim is making sure:

- We make the best use of land and marine resources, and
- Our cities and settlements are resilient and adaptive
- Play a more prominent role in the climate agenda



TF: 2030 Agenda & SDG's,

Chair: Paula Dijkstra

TF: Climate Compass,

Co Chairs: Roshni Sharma & Clarissa Augustinus

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Pillar ii: People



- Sustainability is about making sure we demonstrate Equity, Diversity & Inclusion, leaving no one behind in our profession.....
- And build and maintaining our professional competence to ensure societal relevance

TF: Role in Trends and Geospatial Information Ecosystems

Chair: Abbas Rajabfard

TF: Evolutionary Diversity and inclusion in the Surveying Profession

- Chair: Stephen Diaba

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FIG Working Weeks; Pillars & Partners Build on Pillars



- 2023 Orlando – Sustainability & Climate

– Protecting our world Conquering New Frontiers

- 2024 Accra – Planet & Resources

– Building resilient environment

- 2025 Brisbane – Geospatial/ People

– Collaboration, Innovation and Resilience: Championing a Digital Generation

And.....

- Congress - 2026 Cape Town

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3. Pillar iii: Partnerships






Sustainability is about making sure that both internal and external partnerships are working effectively and cultivating stronger engagement

Our relationships;

- Effective (All) member engagement
- Building and working for mutual benefit with external partners, and
- Providing Institutional capacity development

And, with UN GGIM.....

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UN GGIM & FIG People



UN-GGIM: Geospatial Societies

UNITED NATIONS COMMITTEE OF EXPERTS ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT

UN GGIM

- Observer status
- Geospatial Societies (GS)
- Working Groups (LAM, Geodesy, DM + input Hydro)
- Regional working (Africa, Asia Pacific & Americas)

And.....

- Partner UN GGIM Subcommittee on Geodesy

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FIG Partnership: Subcommittee on Geodesy



- Ryan Keenan, FIG Comm chair, Positioning and Measurement
- FIG Representative Subcommittee on Geodesy

And

- FIG 2024 special session Africa GRF
- Centres of Excellence




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4. Tackling the Global Challenges



It is all about People!

- Relevance requires a **Purposeful** and continuing intent to implement:
- Looking to societal contributions
 - Looking to our people and profession
- Can only be done in **Partnerships**.....

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Serving People and Planet 2030 and Beyond



Tackling the Global Challenges

- Faced with the magnitude of change in our World, on our Planet:
-
- We can strengthen the use of geospatial information in all its forms
- if
- We do the very best we can over the coming decades

Our professional relevance to society, is in our collective, partnership hands

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Our Journey is far reaching!



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Thank You

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