

FIG

International Federation of Surveyors  
Fédération Internationale des Géomètres  
Internationale Vereinigung der Vermessungsingenieure

2024



ANNUAL  
REVIEW

"Tackling the Global Challenges"

# Greetings from the President



Welcome to the 2024 annual review. This report, highlights the significant activities and accomplishments of the Federation members over the past year. Thanks to all our dedicated and hard work of our members, we have made remarkable progress as we approach the mid term of the current Council (2023–26).

FIG's current agenda emphasises sustainability, addressing the global sustainable development and climate agendas. Our workplan is structured around planet, people, and partnership, with a vision of delivering services sustainably. We achieve this by our commitment to working with clarity and purpose. We emphasise standards, and reliability to our communities, continually developing professional skills and standards within our commission structures and notably through the work of the FIG Standards network.

But also to society where our professional ethics, which include taking responsibility, treating others with respect, providing a high standard of service, and acting with integrity, are at the core of our efforts. This dedication promotes trust in our profession

The impact of our work was evident during the highly successful FIG working Week in Accra, Ghana where I was proud to welcome the esteemed President Nana Addo Dankwa Akufo Addo to open our conference. Other highlights

include the impactful regional conference in Kathmandu in November 2024, this confirms that the FIG regional conferences continue to work as a thought leadership concept. And a great variety of successful commission and network FIG events. I would like to express my sincere gratitude to the organisers of all these events for their professionalism and enthusiasm.

In 2024 our global fellowship and surveyor community together has demonstrated engagement, fellowship and collective knowledge creation, often together in collaboration with external partnerships. Through the very best efforts of our Commissions our activities in land, built, and natural environments continue to focus on benefits and relevance to multiple stakeholders. I am constantly reminded that our range of specialist problem solving skills can be used to help shape a better and more sustainable world particular given current societal and resources challenges we are facing now. Our work is impactful and influential, benefiting society and the planet. While there is always more to do, last year's achievements demonstrate our commitment.

We have purposefully navigated how we tackle the global challenges, and have collectively aligned our activities to the current FIG workplan and goals. Here are a few examples:

One of the FIG council's goals is to maintain *FIG members profile* as the leading professionals in the land, built and natural environment. I am happy to record that FIG's standing and reputation continue to be acknowledged by the United Nations. We have renewed and signed cooperation agreements with the World Bank and GLTN. Additionally, the Chairs of FIG Regional Capacity Development Networks and other members have significantly contributed to the working regions of the UN GGIM.

*Partnership working* in networks is key to leverage impact and collaborating with international organizations and sister associations

“Collaboration, connectivity and inclusion are key means for our core theme of Tackling the Global Challenges.”

(IAG, IHO, ICA) has been a crucial feature of our work. To achieve FIG goals, our efforts address pressing challenges such as climate-related disasters, urbanisation, technology and data. In this regard, FIG is fully engaged with the Geospatial Societies United Nations Global Geospatial Information Management (UN-GGIM); participating in the Habitat Professionals Forum (UN Habitat); Co Chairing the professional cluster in the Steering Committee of GLTN; and being a trail blazer by establishing the of Africa Women Land Professionals Network.

FIG continually seeks to *improve professional outcomes* of the conference and commission events by being action-oriented. I would like to mention the Call to Action from the FIG Regional conference in Katmandu, Nepal (November 2024), which provides actional insights for profession to address climate change and disaster resilience, at both country and regional levels. These documents compliment exceptional publications that have arisen from last year work and raise the profile of surveyors to the public, international organisations and governments.

FIG Council work plan is *anchored on four pillars*: Climate, SDG's/Agenda 2030, Diversity and Inclusion, and Geospatial. Guided by Task Forces, these goals provide a framework for the sustainability agenda ensuring the professional sustainability of FIG members. The chairs steer and scan the horizon to support our actions, they influence capacity building efforts thereby ensuring the professional sustainability of FIG members work and contribution to society.

*Member engagement* is key to FIG's success, and Council is promoting a listening and action-orientated approach to achieve dialogue

and any necessary outcomes. I am pleased to have had continuing detailed discussion with many National Association Presidents on our internal governance agenda, which will continue throughout the current term. I welcomed hearing in Accra the Presidents recognition of progress to date and support for the subsequent follow-ups. However it is essential to acknowledge that the continuing uncertainty in global economies impacts our Federation. FIG can work efficiently only if the budget is balanced, requiring all members to pay their membership fees on time.

Building on this engagement, it is important to *foster a culture of diversity and inclusion*. This means, all member categories including academics, affiliates, individuals, and corporate members are actively involved in FIG. Further, the Council continues to support the young surveyors across all FIG's structures, in addition to supporting the growth of the Young Surveyors in their dedicated network. This compliments the work done by national associations who run summer schools, the FIG Foundations support

and other individual contributions. I am thankful for their investment in our young people

Promoting FIG diversity, inclusion and equity goals are demonstrable in the commission and task force activities throughout 2024. Our professional activities promote sustainable land governance, mitigate the impacts of climate change, with a focus on equity and inclusivity. This provides tangible leadership in society through our innovation, adaptation, and responsiveness to change.

Our next big effort will be the working week in Brisbane 6–10<sup>th</sup> April 2025 under the theme 'Championing Digital Generations' This is a crucial issue for all professionals and especially surveyors. We need to find ways to attract new students, educate surveyors and retain them throughout their careers and ensure we work together across the generations in the workplace.

As your President, I have greatly enjoyed collaborating with you all. The year 2024 was very successful for FIG engagement and knowledge creation. Special thanks to all member associations for their hospitality during several visits

and conferences over the year. I also extend my gratitude to FIG's active members, especially the Chairs of Commissions, Task Forces, Networks, officers, and delegates. Without their voluntary work, FIG would not be the network of experts it is today. Lastly, I am grateful for the strong dedication of the FIG Office.

Thank you for your support during the past year, and I wish us all the best for our common future.

Yours sincerely,

**Diane Dumashie**  
**FIG President 2023–2026**

FIG President Diane Dumashie visited China and attended the Geospatial Intelligence Software Technology Conference. The insightful symposium provided possibilities to meet with fellow professionals and the Chinese software industry, and a good opportunity to reconnect with many FIG colleagues.



# FIG Administration



An early morning slot brought all Presidents or FIG representatives from Member Associations together at a productive Presidents Meeting in Accra. Among other things the benefits of being a member of FIG was discussed.

This Annual Review 2024 takes you in brief through an eventful 2024 with many activities undertaken by council, commissions, networks, taskforces, members, partners, and many others. Many individuals and organisations are involved in these activities and these engagements are ensuring that FIG is as vibrant as ever. This Annual Review will take you through just a small portion of what has taken place in 2024.

## FIG Represents the Interests of Surveyors Worldwide

FIG is a United Nations and World Bank recognized nongovernmental organization of national member associations and other affiliated

members from over 120 countries. FIG draws its membership from practitioners working in communities with both the public and private sectors, from the scientific, research and academic community, as well as from the spatial technologies and services community. FIG functions with the goodwill, resources and contribution of its memberships and their corps of volunteers from around the world.

## What Does it Mean to Represent the Interests of Surveyors...

Members of FIG have taken the decision that by being member of FIG they want to contribute to the international cooperation. These memberships make it possible for FIG to enhance the international cooperation, bringing the different surveying professions together and through the formalized and informal engagement in UN bodies and the World Bank to give an international perspective on the surveying and geospatial profession. FIG has over the years been involved in the establishment of UNGGIM and the Global Land Tool Network. A surveyor or an



- 103 Member associations
- 43 Affiliate members
- 83 Academic members
- 28 Corporate members

organisation covering the surveying field can argue “what is in it for me” but without these undertakings there would not be that much international focus on the importance of e.g. land, on geospatial data, on standards related to (the broadest understanding of) surveying.

So with this FIG appreciates the many who understand the importance of being part of and contribute to this development. There are no quick fixes in this, but a steady long-term commitment and to be part of setting the agenda at an international level which can then also be taken to a national level. The national official delegates appointed by each member are central as are all other individuals who bring on the FIG agenda to the next level.

We encourage a spirit of collaboration among all surveying associations and organizations worldwide.

The local co-conference directors of FIG Working Week 2024, Sulemana Mahama, GhIS and Stephen Djaba, LiSAG, were thanked by FIG President for leading and inspiring the national organising committee.



## FIG General Assembly 2024

The President **Diane Dumashie** welcomed all delegates and observers to Accra, Ghana.

60 out of 103 member associations together with affiliate, academic and corporate members found their way to Accra, Ghana, to attend the General Assembly and FIG Working Week 2024. Around 250 delegates attended the two General Assembly days 19 and 23 May 2023.

Like in the previous years, member associations in good standing were asked to register their official delegate for online voting. 69 members used this opportunity which amounted to a total of 87 votes.

### Elections

This year, according to the statutes, there should have been election of the ten Commission Chairs who would serve as Commission chairs elects for 2025–2026 and hereafter as chair in 2027–2030. However, the current chairs felt that starting a succession plan shortly after their own terms began was premature. Consequently, FIG Council proposed to the General Assembly to postpone these commission chair elections until 2025; a proposal that the General Assembly agreed to.

Still, there was election going on throughout the entire Working Week. Since 2021 elections have taken place online which gives the option for all members to take part in the voting, although it is preferable for members to see and meet face-to-face the nominated candidates.

This time election of two vice president positions took place. There were five excellent candidates for the two positions which resulted in four rounds of voting. All elections were very tight. Elected were **Michail Kalogiannakis**, Technical Chamber of Greece and **Qin Yan**, Chinese Society for Geodesy Photogrammetry and Cartography CSGPC, China.

### New Honorary Member

Surveyor **Enrico Rispoli** from Italy was honoured for his extensive contributions to FIG over many

years and was appointed Honorary Member of FIG with a large applause from the audience. He served as the conference director for the FIG Working Week 2012 in Rome, Italy, and has chaired FIG Commission 3. Apart from this he has done extensive work to encourage and help especially young surveyors, e.g. through summer schools and is now one of the board members of the FIG Foundation. The nomination was presented by **Maria Grazia Scorza** who has been translating for the Italian delegation for many years. After Enrico Rispoli had received his certificate Maria was called by FIG President to receive a certificate of appreciation for all the years she has been assisting the Italian delegation and especially Enrico Rispoli.

### Two New Council Ex-Officio Members

Building on the FIG Council work plan, FIG President Diane Dumashie presented and updated the implementation activities and suggested to expand Council with two ex-officio members, one representing the Young Surveyors and a representative from the Corporate Members of FIG. This links to the FIG strategic work plan pillar aligned to People and will achieve more involvement and diversity in Council. This proposal was welcomed by the General Assembly.

The FIG Young Surveyors Network has a still growing number of active persons from all around the world and impressive projects and activities that they are undertaking. Further to this, FIG leadership is keen on getting Young Surveyors involved in the work of the Commissions and Networks and to keep these promising young people central in the development of FIG.

Getting the corporate members closer to FIG and to work on the benefits of being a corporate member is central for FIG Council. First representative will be **Brent Jones**, Esri and he will work on the terms of reference for this position as well as look at the structure and benefits of the corporate members.

### Closing

In her closing speech FIG President Diane Dumashie thanked all for coming to Accra, Ghana to join both the General Assembly and the Working Week. It had been a busy, vibrant – and hot – week with many activities.

Already in the opening ceremony Diane Dumashie held a minute silence was held to commemorate those who had passed away during this past year and especially **Joseph Pascual**, President of OGE France, organiser of FIG WW2028, not long before his death a preparation meeting was held; **Andrzej Hopfer**, Poland, who passed away in December 2023 shortly after his 90th birthday who was active in FIG for many years especially in commission 7, and **Cemal Özgür Kivılcım**, who passed away shortly in a far too young age. He started as a Young Surveyor back in 2006 and has been central in the work of the Young Surveyors for many years, and current he served as the Commission 3 Vice Chair and in the lead of a working group, involved in many commission 3 and 8 activities hereunder FIG publications.

At the second General Assembly FIG was honoured by the presence of the Minister of Lands and Natural Resources, Ghana, Hon. **Samuel A. Jinapor**, who gave a special address to the General Assembly.

In her closing speech President Diane Dumashie commented the busy and successful Working Week. She thanked all the participants, exhibitors and sponsor and other partners for coming to Accra, Ghana for this Working Week.



# FIG Events



## FIG Working Week 2024

### Ghanaian Warmth and Hospitality

In an unusual warm Accra where the aircons worked on overspeed, around 900 surveyors, geospatial experts, valuers and other professions within and related to surveying, from a total of 83 countries, met in the wonderful city of Accra. The Working Week took place at La Palm Hotel and Conference Centre which is located directly at the sea side close to the city centre of Accra. Sessions were held in the conference centre and in a special “plenary tent” that was built for the occasion located next to the Exhibition tent.

The Working Week consisted of three conference days, pre- and post-events, technical tours, FIG General Assembly and a number of networking, technical and social events. Under the overall theme of “Your World, Our World: Resilient Environment and Sustainable Resource Management for All” around 80 sessions, plenary, technical and other sessions were held.

Especially remarkable was the opening which was attended by the esteemed President of Ghana **Nana Addo Dankwa Akufo-Addo**, showing how central the agendas and topics of

the surveying profession as well as of FIG and the national associations are for Ghana. Another remarkable and unique highlight was the plenary session with a focus on land related issues from the view of Traditional Leaders of Africa with a remarkable attendance by Traditional Leaders from Ghana, Nigeria and Zambia, which was followed by a special session.

Worth noting was a unique legacy project planned by the FIG Task Force on “The Surveyor’s Profession: Evolutionary Diversity and Inclusion”, chaired by **Stephen Djaba**, who had arranged for a “Globe of Tomorrow” Commissioned at Services Primary school at Burns Camp, Accra. This will mark a lasting remembrance of the FIG Working Week in Accra and will hopefully inspire students to the profession in the future. This project was planned to be the first of more similar projects to come. Read more in this report.

Another highlight was the special focus on the SDGs, led by the Task Force on FIG and the SDGs which included the identification of SDG goals involved in each session. The plenary tent

was decorated with posters, sponsored by LE34, showcasing the SDG goals that are especially relevant to each FIG Commission.

Creative solutions were found where needed. The shuttle buses that were transporting attendees to and from hotels, technical tours etc were suddenly useful on-site when a fierce thunderstorm rolled over the area, transporting attendees between the plenary and exhibition tents and the main building. La Palm conference had to move the outside parts of the lunch inside in last minute changing session rooms to lunch areas – giving some further challenges to the following sessions... But all worked.

A special thanks goes to the sponsors and special partners as well as the exhibitors of the conference. Without them this event would not be possible.

► [fig.net/fig2024](http://fig.net/fig2024)

## FIG Regional Conference in Nepal: A special focus on Climate Responsive Land Governance and Disaster Resilience

13–16 November 2024, Kathmandu, Nepal

On 14–15 November 300 participants from Nepal, the region and international attended the FIG Regional Conference which was held at the Hotel Yak & Yeti in Kathmandu, Nepal. There were participants from 30 different countries hereunder Australia, Bhutan, China, Germany, India, Japan, Kenya, Nepal, Pakistan, Papua New Guinea, Saudi Arabia, the United Kingdom, and the United States spanning diverse sectors such as government, academia, civil society, and the private sector. It was especially positive to see the support and interest from Nepal.

The conference was organised jointly by FIG and the member associations from Nepal, the Nepal Institution of Chartered Surveyors (NICS). As the sole FIG member association in Nepal, NICS has consistently worked towards professional development and security for its members. The 2024 FIG Regional Conference marked another milestone in NICS's commitment to fostering knowledge sharing and capacity building among land professionals.

The primary objective of the conference was to enhance knowledge and capacity in the Asian region to address climate change and disaster-related challenges, particularly in safeguarding the land rights of vulnerable communities. The secondary objective was to encourage collaborative partnerships among diverse stakeholders, including government agencies, academic institutions, non-government organizations (NGOs), the private sector, and civil society, to foster dialogue, share knowledge, and facilitate technology transfer at a regional level.

### Climate Responsive Land Governance and Disaster Resilience: Safeguarding Land Rights

All sessions and around 70 presentations were centered around this main theme. The sessions were designed through an open call for papers

and in cooperation with the conference partners World Bank, UN-Habitat/GLTN (Global Land Tool Network), Dutch Kadaster and ICIMOD.

### Outcome

The conference enabled the participants to:

- Identify entry points for integrating climate and disaster resilience into land management and governance practices.
- Learn from regional case studies and best practices shared through technical sessions, interactive panels, and workshops.
- Gain practical tools and recommendations to implement climate and disaster actions through the official Call to Action document.

### Call to Action

A Call to Action Statement was a critical outcome of the event. This call to action was formally handed over to Mr. **Ganesh Prasad Bhatta**, representing the Government of Nepal by FIG President, Dr. **Diane Dumashie**. It is the hope that this call to action will be distributed to governments and other decision makers.

The Call to Action aims to deliver concrete strategies and actionable recommendations to

- Strengthen and safeguard land rights for both women and men against climate challenges
- Foster collaborative partnerships for climate resilience and to bridge gaps
- Enhance disaster resilience of both people and place through knowledge and capacity
- Enhance regional responses through best practices and fit-for-purpose standards
- Strengthen land governance, equitable land decision making, and empower land practitioners
- Increase monitoring and measuring for climate action, and flow through impacts to land tenure, property and environmental management.



► [fig.net/nepal2024](https://fig.net/nepal2024)

# FIG YOUNG SURVEYORS



The Young Surveyors Network is a vibrant and active network of Young people from all around the world. Regional meetings are being held. As part of the FIG Regional Conference in Nepal a Young Surveyors Asia Meeting was held and there have been other meetings online and connected to national/regional events.

## 8th FIG Young Surveyors Conference 2024

The FIG Young Surveyors Conference was held on 18–19 May 2024 in Accra Ghana with the overall theme of: *Our World. Then, Now, Tomorrow.*

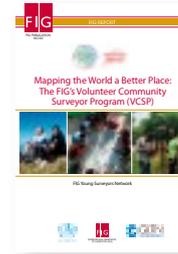
This significant event brought together over 80 young professionals, seasoned experts, and industry leaders from around the globe to engage in meaningful discussions, share insights, and explore the evolving landscape of surveying. The conference aimed to reflect on the past, evaluate the present, and envision the future of the surveying profession. It provided a dynamic platform for young surveyors to exchange knowledge, network, and collaborate on innovative solutions to contemporary challenges. The diverse program included keynote speeches, technical sessions, interactive workshops, and networking opportunities, all designed to inspire and empower the next generation of surveyors. The programme included learning sessions e.g. on trends in geospatial technology, AI Boom and its Impact on the Surveying World, Green Skills and the Role of Young Surveyors, Sustainable World for Future Prospects, and activities like “Meet a SurvPal”, round-table discussions, the FIG YSN Charity Event, sponsored by Trimble and Leica, fostering a spirit of community and giving back.



*Map the world a better place*

## FIG Young Surveyors Voluntary Community Surveyor Programme VCSP

There are parts of the globe that are not mapped, vulnerable communities that have no recorded rights to their lands and countries still recovering years after natural disasters, which are increasing in frequency. Further, there is also an increasingly large number of people being displaced as a result of conflict. At the same time, there is a network of skilled young surveyors who are able to help. The Volunteer Community Surveyor Program (VCSP) is a programme under FIG Young Surveyors Network and is aimed to be a link between the needy and the able for all things surveying. In a pilot project in cooperation with GLTN, twenty skilled Volunteer Community Surveyors (VCSs) have been deployed through the VCSP to governments and civil society or-



The journey of VCSP from its start and until 2024 is described in FIG Publication 83.

organisations to support the GLTN's country-level activities for promoting land tenure interventions

in the Asia-Pacific and Africa regions.

VCSP in-country volunteering aims to put together skills, time and talents of young surveyors through deployments in countries where GLTN and partners work in order to find sustainable solutions to land-based community problems through humanitarian surveying. Under this component, the VCSP is working on scaling up the deployments to support GLTN and UN-Habitat country partners in the implementation of their land-related programmes.

There is a strong focus to find new partners for deployment and potential sponsors to help this special programme. If you are interested in hearing more about sponsorship possibilities please contact [FIG@fig.net](mailto:FIG@fig.net).

► Learn more at: [www.fig.net/vcsp](http://www.fig.net/vcsp)

## Young Surveyors

The network has created an environment for young surveyors from different cultures, with different academic backgrounds and professional experiences from all over the globe to come together and learn from each other towards the sustenance of the surveying profession. The network has held many meetings, workshops, and conferences all over the world. These have been done in

conjunction and/or with the support of leading bodies. Our cooperation with these bodies continues to amplify the voices of young surveyors, showing that the future of our planet, Our Common Future, lies in the hands of our generation as we Volunteer for the Future!

► Follow FIG Young Surveyors: [fig.net/organisation/networks/ys/](http://fig.net/organisation/networks/ys/) LinkedIn: <https://www.linkedin.com/showcase/fig-young-surveyors-network>

# SPECIAL FOCUS AREAS

There have been some remarkable outcomes during this past year. Here are a few examples of specific areas that have been worked on and their outcome:

## Publication of the First Part of LADM Edition II

The Land Administration Domain Model (LADM) is an internationally recognised ISO standard (ISO 19152) that provides and supports responsible innovation and partnerships, for effective land administration.

The LADM aligns the data model with a standardised global vocabulary for land administration. As an international standard it can stimulate the development of software applications and may accelerate the implementation of land administration systems that support sustainability objectives.

The Land Administration Domain Model is developed at the initiative of FIG, as part of the FIG Standards Network and Commission 3 & 7. The first edition was published in 2012 with a focus on land registration. The International Standardization Organization (ISO) regularly checks whether their standards need to be revised in order to meet user requirements.

The LADM revision has been a careful process and started already in 2017 during a joint working meeting of the FIG and UNGGIM, during which it was indicated that the scope of LADM should be expanded to include conceptual models for cadastral acquisition techniques, marine boundaries, valuation information, spatial plan information, and more 3D support (BIM/IFC input). In addition, there should also be more support for the implementation itself. It was subsequently decided within ISO/TC211 that organising the standard into multiple parts was the best approach.

The first part focuses on the conceptual model was published in February 2024. A FIG publication and a more extensive report are being prepared.

## Legacy Project – Globe of Tomorrow

The Chair of the FIG Task Force on The Surveyor's Profession: Evolutionary Diversity and Inclusion, **Stephen Djaba** had arranged a Globe of Tomorrow project Commissioned at Services Primary school at Burns Camp, Accra during the conference. The “Globe of Tomorrow” was conceptualized as a lasting legacy of the FIG 2024 Congress, symbolizing global unity, geographic education, and the significance of surveying. The project involved the design, construction, and educational integration of a globe statue in a basic school in Accra, Ghana. This initiative aimed to inspire students by fostering an appreciation for geography, surveying, and sustainability, ensuring the continued engagement of young minds in spatial sciences.

FIG representatives, local participants and others incl FIG President **Diane Dumashie**, Honorary President **Stig Enemark** and chair of the Task Force on FIG and the SDGs **Paula Dijkstra** went to the local school where expectant students were waiting for them. A large and impressive globe was unveiled in the school yard – a lasting memory of the FIG Working Week 2024 and a reminder to young students how important geography and cooperation around the world is.

The “Globe of Tomorrow” stands as a testament to the commitment of FIG 2024 towards education, sustainability, and global unity. By integrating geography and surveying into everyday learning, this legacy project will inspire generations and highlight the essential role of geospatial sciences in shaping a better world. The project has aided in achieving some important Short-Term Development Goals (SDGs). It has enhanced the understanding of the young pupils how Geospatial knowledge plays a major role in decision-making.



As a special FIG Working Week 2024 Legacy Project the Task Force on Inclusion and Diversity revealed the “Globe of Tomorrow” placed in a school yard.

## Special Focus on the SDGs

In 2024, the biggest impact of the FIG SDG Task Force was during the FIG Working Week in Ghana, held from 18th to 24th May 2024. This event provided a dynamic platform for discussing and promoting the integration of Sustainable Development Goals (SDGs) within the surveying profession. The FIG Working Week in Ghana was a resounding success, underscoring the critical importance of integrating SDGs within the surveying profession. This report highlights key outcomes and showcases notable achievements such as the enhanced visibility of SDGs in technical programs and the successful local organization of the legacy project.

SDGs were prominently visible in the online programme, with session organizers effectively incorporating them into their templates. Also with the template, the technical sessions succeeded in raising awareness about SDGs among participants.

The Working Week in Ghana was a significant opportunity for members to connect, collaborate, and share insights. Participants appreciated the face-to-face interactions, which strengthened the sense of teamwork and cooperation. Many members were inspired by the interactions and presentations, finding the event intense and rewarding. The experience reinforced the importance of promoting SDGs through our professional activities.

The activities of the Task Force contributed to objectives 1) Increasing understanding of the 2030 Agenda, 2) Raising awareness of the importance of the 2030 Agenda and SDGs for FIG, and 3) Informing & Inspiring the FIG Community.



## Climate and Disasters

The Task Force on Climate Compass has had a focus on how to raise awareness and developed operational capacity among surveyors and land practitioners about a wide range of climate actions. They have held 3 seminars with over 600 participants and 1 webinar with about 100 participants, which are uploaded to YouTube. Further they have enabled and empowered Young Surveyors to take leadership roles on climate action in FIG forums.

### Call to Action Statement

A Call to Action Statement to provide actionable insights and tools to address climate change and disaster resilience, was a critical outcome of the Regional Conference 2024 in Nepal. The Call to Action emphasises the importance and need of land professionals' expertise in safeguarding land rights. It was formally handed over to Mr Ganesh Prasad Bhatta, representing the Government of Nepal by FIG President, Dr. Diane Dumashie. It is the hope that this call to action will be distributed to governments and other decision makers not only in the South Asia Region but also beyond.

This Call to Action provides actionable insights and tools to enhance the role of surveyors, property valuers, and land practitioners in addressing climate change and disaster resilience. It emphasizes the importance and need of expertise in safeguarding land rights, promoting sustainable land governance, and mitigating the impacts of climate change, with a focus on equity and inclusivity. Climate change is one of the most pressing challenges of our time, with significant implications for land use, property values, and tenure security, particularly for vulnerable and marginalized communities. By addressing these issues, you can contribute to achieving global climate goals and the Sustainable Development Goals (SDGs).

This call-to-action is meant to be used to:

- Develop and implement climate-resilient land governance practices.
- Build capacity in using spatial data for cli-

mate action and disaster recovery.

- Advocate for equitable policies and practices that protect land rights.
- Engage in regional partnerships and knowledge-sharing initiatives.

Key Focus Areas are:

- I. Safeguard Land Rights:** Promote climate responsive land governance frameworks and fit-for-purpose land administration, including for secure land tenure, equitable land use planning, transparent land administration and valuation and coordination across government.
- II. Collaborative Partnerships:** Build regional networks and a partners' platform to share knowledge, technology, and best practices for climate resilience and disaster management, also through supporting UN-GGIM frameworks.
- III. Capacity Building:** Enhance technical and professional skills to measure, monitor, and address climate change and natural disasters using innovative technologies and approaches.
- IV. Disaster Resilience:** Promote rapid response and recovery mechanisms, including for land administration, valuation, compensation, and transparent land management practices.
- V. Innovative Practices:** Embrace sustainable urban planning, smart cities, and technology-driven approaches to manage land and water resources effectively.
- VI. Youth and Equity:** Empower young professionals, women and marginalized groups to take leadership roles in climate-resilient land governance.

You can follow the Climate Compass Task Force on their LinkedIn page.

### FIG Climate Compass Global Seminars

Graphic Recording Summary  
Dayna Hayman Design



## FIG Mentoring Programme

The FIG Mentoring Programme for Africa was launched as a pilot in 2022 with 25 participants. The programme continues to grow. The 2024 roll-out marked a significant expansion, accommodating 250 participants, facilitated through the Mentornity platform, with funding support from the FIG Foundation. Operated entirely by volunteers, the programme functions without a dedicated budget, income, or administrative support. The mentoring programme in Africa is based on experience from Australia, who is offering the mentoring programme in Australia and the Asia Pacific region. The programme runs over 6 months.

Feedback from mentors and mentees suggested increasing the number of mentees per

mentor. This adjustment was implemented in 2024, and each mentor was paired with two mentees.

Group mentoring yielded several positive outcomes:

- The onboarding process was smoother compared to the one-on-one mentoring approach used in 2022 and 2023.
- Some mentors agreed to take on a third mentee during the initial weeks to address issues with unresponsive mentors, ensuring all mentees could continue in the program.
- If a mentee dropped out, the mentor's time was still effectively utilized, as they had other mentees to work with.

It is the aim to expand mentoring to the Americas region in 2025.



## Mapping the Plastic

Mapping the Plastic is FIG's response to the global plastic waste crisis in the Hydrospatial domain. FIG Commission 4 has developed a world-leading spatial information tool to accurately map and classify water borne and land based plastic waste. Deep learning algorithms distinguish and classify plastic waste from surrounding litter/debris classes from UAV orthophotos and multi-spectral images enabling identification of plastic debris as small as 1 cm<sup>2</sup> in area. Last year, two field studies were carried out in Sri Lanka and Ghana as part of the Global Plastic Mapping Campaign.



## Sustainability Spotlight – TV show Ghana

During the Working Week the FIG TF on SDGs contributed to a dedicated item of the Breakfast show of Ghana Broadcasting Corporation. on the role of surveyors towards sustainability. See the full discussion via this link: <https://lnkd.in/djRbWJvw>.

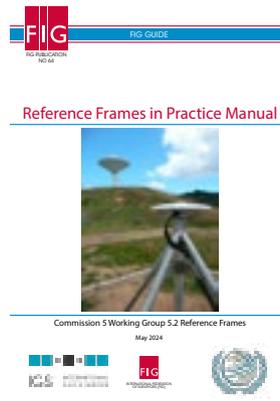
The Task force has experienced:

- There is a strong desire to incorporate SDGs into both educational curricula and professional practices.
- Collaboration and knowledge sharing are essential to effectively promote and implement SDGs.
- Practical examples and case studies are highly valued for demonstrating the real-world application of SDGs.

## A Special Focus on LinkedIn

FIG is present on various social media, however special attention should be paid to LinkedIn. Under the overall FIG company page each commission, network and task force have their own page. These pages are updated by the chairs and members and is the place to stay updated on results, new activities, webinars, and other undertakings.

► [www.linkedin.com/company/fig-international-federation-of-surveyors](https://www.linkedin.com/company/fig-international-federation-of-surveyors)



edition is also available in Spanish (from 2017).

Reference Frames in Practice is a popular pre-event at FIG Working Weeks, just like the FIG Publication 64, first published in 2014 and the 2nd edition in 2024. The first



and many individuals that are involved in FIG activities.

Each year FIG is present at the large Intergeo fair held in Germany. The event is a unique opportunity to meet with members,

# FIG MEETINGS AND PARTNERSHIP AROUND THE GLOBE



The FIG President signed a Memorandum of Understanding with Mika-Petteri Torhonen, representative from World Bank.

## FIG and the United Nations, World Bank and Sister Organisations

FIG continues the close cooperation with the World Bank and various agencies within the United Nations, hereunder UN-GGIM, UN-Habitat/Global Land Tool Network (GLTN), FAO, UN-OOSA. FIG continues being the co-cluster lead of the GLTN International Professional Bodies Cluster. FIG has attended the 14th session of the UN-GGIM, the Expert Consultation and Meetings on Enhancing geospatial information management arrangements and accelerating the implementation of the SDGs, held 22–26 January in Mexico and the Seventh High-level Forum UN-GGIM in México City 8–10 October 2024 which

included a special FIG session represented by **David Elegbede**, Nigeria, who was supported to attend by Woolpert in order to represent FIG Young Surveyors. FIG was represented at the World Urban Forum (WIF12) and at the opening of the UN-GGKIC office in Deqing, China.

FIG is member of UN-GGIM Geospatial Societies together with other sister organisations.

In 2024 FIG and the World Bank renewed their Memorandum of Understanding. This document was signed during the World Bank Conference in which FIG President **Diane Dumashie** participated.

## Commission and Networks Events

### The World Surveyors Day 2024



The Pan American Association of Surveyors and Topography Professionals were the host of the Global Surveyors day and celebrated the day with two online sessions. Other celebrations took place in e.g. Mongolia and Spain including the presence of FIG Commission 2. in Lima, Peru).

### Commission 5 and ICG Meeting in Wellington, New Zealand

FIG Commission 5 had the pleasure of attending in the 18th Meeting of the International Committee for Global Navigation Satellite Systems (ICG) in Wellington, New Zealand, on 6–11 October 2024. **Ryan Keenan**, Chair of FIG Commission 5 participated in a workshop in the Philippines “Mutual Recognition of Professional Qualifications on Surveying in the ASEAN Region.

## Surveying – Registration – Valuation: How We Gather and Deal with Our Data Today

This joint Commission 3 and 9 event was held 5–7 February on Malta together with EGoS. It aimed to map and bridge the gap that exists in the lifecycle of data collection and management, facilitating land and cadastre valuation. FIG President **Diane Dumashie** underscored the necessity of a proactive stance in confront-

ing global challenges for the betterment of society, stressing the indispensability of connectivity and continuity in upholding the integrity of our profession. Past-President, Prof. **Chrissy Potsiou**, delved into the surveyors' role within the framework of UNECE (United Nations Economic Commission for Europe), providing a comprehensive overview of the current landscape and ongoing research pertaining to land policies and economies.



The Commission 5 Chair Ryan Keenan shared insights on 'The Crucial Role of FIG in Promoting Professional Standards and Practices Globally' For AFLAG/ASEAN Region.



The first African Woman Land Professional Associations Conference was held in Tanzania on the initiative of FIG Africa Regional Network, chaired by Mr. Mohammad Mamman Kabir. The aim of the AWLPA is to establish a purposeful network of women professionals in land and the built environment working across the African continent.

### The First African Woman Land Professional Associations Conference

The FIG Africa Regional Network is at the forefront of establishment of the 1st African Women Land Professional Associations (AWLPA). The association was inaugurated at a conference that took place in Tanzania from 24–28 November 2024. President D Dumashie participated in the two-day AWLPA conference at the invitation of Mr. **Mohammed Mamman Kabir**, mni, Chair FIG Africa Regional Network (FIG-ARN).

The aim of the AWLPA is to establish a purposeful network of women professionals in land and the built environment working across the African continent. Although conceived by FIG ARN, it has been positively embraced by a range of professionals in the disciplines of surveyors and geospatial experts, town planners and architectures. All wishing to work to advance women's land rights and good land governance in Africa. The conference marked the successful beginning of the network but also highlighting key discussion focus for the future.

### Workshop on Artificial Intelligence and the Use of Automated Valuation Modelling (AVM) in Property Valuation and Tax Assessment

At the end of April 2024, the first "AVM Workshop" took place on the wonderful island of Cyprus, organised by FIG Commission 9. During this two-day workshop, the focus was primarily on the principles and basics of using artificial intelligence in the context of property valuation. The crucial question to answer was what the near future holds in terms of advancements in mass appraisal, automation of valuation, and the role of technology in their evolution.



### World Urban Forum 2024 (WUF12)

The World Urban Forum is held every 2 years and FIG prioritises to attend this large conference with 25,000 participants. In 2024, FIG was represented by **Adil Sait**, a FIG Young Professional and Doctorial Researcher at the London School of Economics. The "Global housing crisis" was addressed in the light of the UN Sustainable Development goals. A major cross-cutting theme in the forum was building coalitions and partnerships between different stakeholders for addressing urban challenges with reference to the New Urban Agenda and Pact for the Future. As part of the conference Habitat Professionals Forum, of which FIG is a member together with sister organisations, held a meeting with attendance by 16 of the 28 member organisations of HPF.

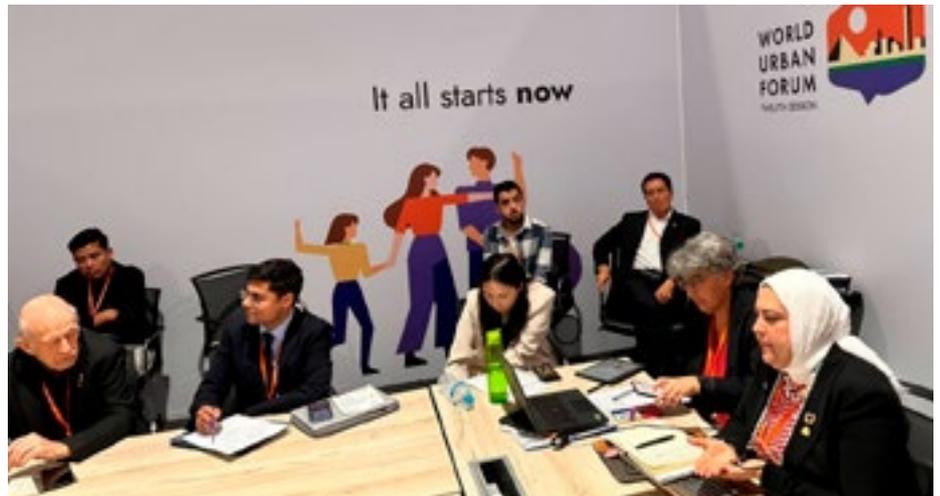


FIG representative, Adil Sait, with Lance Jay Brown (Consortium for Sustainable Urbanisation) and Mona Rady (International Union of Architects) at the Habitat Professionals Forum, 4th Nov. 2024.

# FIG COMMISSIONS



**THE TEN COMMISSION CHAIRS AT FIG GENERAL ASSEMBLY 2024** in right order starting with Commission 1 to the very left, answering questions by FIG Vice President Mikael Lilje and from the audience.

## Commission 7 Annual Meeting

The annual meeting of Commission 7 was held in Kuching, Sarawak, Malaysia as part of the geoinformation Week Malaysia, bringing together several big events in one location. This created a dynamic platform for knowledge sharing and collaboration. The week included the Land Administration Domain Model (LADM)

& 3D Land Administration International Workshops, the FIG C5 Annual Meeting, and discussions on the UN Habitat Social Tenure Domain Model (STDN). Additionally, a pre-conference tutorial program took place that included a full day 'Land Administration for Climate Action' event hosted by Kadaster Netherlands and ITC University of Twente. We had approx. 50 attendees for the C7/C5 and 3D/LADM events,

and a vibrant atmosphere for exchanging ideas and best practices in geoinformation and land administration.

### Key Takeaways:

- FIG can support land agencies in advocating for the role of land administration systems in delivering national security and sovereignty through transaction controls and transparency.
- Land information systems are increasingly a security risk in themselves, due to digitalization.
- Asia continues to rapidly rise economically and technologically supported by land administration, though, many countries lag with endemic capacity and institutional problems. Climate change response can unite.
- Sarawak provides an excellent example where land tenure, value, planning and development functions are integrated into a single agency.



Participants at the FIG Commission 7 meeting held in Kuching, Sarawak, Malaysia.

## The 10 FIG Commissions

The 10 FIG Commissions cover the broad range of topics within and around the surveying profession. Their working groups span over a large area of current topics that are worked on for inspirations for surveyors as well as the industry and profession. Each member can appoint a delegate to each of the commissions.

The commissions work within the following working groups:

### Commission 1: Professional Practice

*Chair:* Timothy Burch, United States

- International Ethics Standards (WG 1.1)
- Women in Surveying (WG 1.2)
- International Boundary Settlement and Demarcation (WG 1.3)

### Commission 2: Professional Education

*Chair:* Dimo Todorovski, The Netherlands

- Developing and strengthening academic networks (WG 2.1)
- Innovation in curriculum development implementation (WG 2.2)
- Young Surveyors in Education – Learning styles in surveying education (WG 2.3)
- Land Administration Education (with WG 7.7) (WG 2.4)

### Commission 3: Spatial Information Management

*Chair:* Sagi Dalyot, Israel

- Geospatial data: professionalism, technology, and services (WG 3.1)
- Urban challenges in developing countries (joint WG with Commission 9 (WG 3.2)
- GIS for sustainable (geo-)spatial planning (joint WG with Commission 8 (WG3.3)
- LADM and 3D LA (joint WG with Commission 7) (WG3.4)
- Geospatial next (joint with the Young Surveyors Network) (WG3.5)

### Commission 4: Hydrography

*Chair:* Eranda Gunathilaka, Sri Lanka

- Hydrographic Standards and Guidelines (WG 4.1)
- Sustainable Oceans and Hydrography (WG 4.2)
- Mapping the Plastic (WG 4.3)
- Hydrosatial Domain and Marine Administration (WG 4.4)
- Climate Change induced Sea Level Rise and Adaptation (WG 4.5)

### Commission 5: Positioning and Measurement

*Chair:* Ryan Keenan, Australia

- Standards, Quality Assurance and Calibration (WG 5.1)
- 3D Reference Frames (WG 5.2)
- Vertical Reference Frames (WG 5.3)
- GNSS (WG 5.4)
- Multi-Sensor-Systems (WG 5.5)
- Cost Effective Positioning (WG5.6)

### Commission 6: Engineering Surveys

*Chair:* Werner Lienhart, Austria

- Deformation Monitoring and Analysis (WG 6.1)
- Dynamic Structural Monitoring (WG 6.2)
- Applications of immersive technologies in Engineering Geodesy (WG 6.3)
- Engineering Surveying Outreach (WG 6.4)

### Commission 7: Cadastre and Land Management

*Chair:* Rohan Bennett, Australia

- Framework for Effective Land Administration (FELA) (WG 7.1)
- Fit for Purpose Land Administration (FFPLA) (WG 7.2)
- 3D and LADM (3D/LADM) (WG 7.3)
- Artificial Intelligence 4 Land Administration (AI4LA) (WG 7.4)
- Women's Access to Land and S4HL (WG 7.5)
- Integrated Land Management (WG 7.6)
- Education in Land Administration (WG 7.7)
- Comparative Land Administration (WG 7.8)

### Commission 8: Spatial Planning and Development

*Chair:* Kwabena Asiamah, Ghana

- Urban-rural land linkages (WG 8.1)
- Unregistered Land and large-scale acquisition/compensation (WG 8.2)
- Spatial Planning Instruments and Climate Change (WG 8.3)
- Digital Transformation for Land Management and Spatial Governance (WG 8.4)
- Spatial Plan and Valuation Information in LADM Context (WG 8.5)

### Commission 9: Valuation and the Management of Real Estate

*Chair:* Peter Ache, Germany

- Definition of Transparency on Real Estate Markets (WG 9.1)
- Best practice Cases on Transparent Real estate Markets (WG 9.2)
- Automated Valuation Modelling (AVM) with machine learning and artificial intelligence (WG 9.3)
- Increasing Transparency & Resilience in the Self-made cities through Formalization of Informal Development & improvement of Geospatial Ecosystems (WG 9.4)

### Commission 10: Construction Economics and Management

*Chair:* Mercy Iyortyer, Nigeria

- Digital Technologies in Construction (WG 10.1)
- Sustainable Developments in the Built Environment (WG 10.2)
- Cost Information Management (WG 10.3)
- Commercial/Project Management (WG 10.4)

► Check all Commission activities and their Working Groups on [fig.net/organisation/comm/](http://fig.net/organisation/comm/)



## FIG Foundation – Building a Sustainable Future

FIG Foundation raises funds to secure a sustainable future for surveyors. Donations finance educational and capacity building projects and scholarships especially in developing countries and countries in transition, and encourage research into all disciplines of surveying and help disseminate the results of that research.

In 2024 FIG Foundation funded four young surveyors to attend the FIG Working Week in Accra, Ghana, various other participations in regional Young Surveyors conferences as well as four participants from the Asia region to the FIG regional conference together with 20 national Young Surveyors from Nepal.

▶ [fig.net/figfoundation](https://fig.net/figfoundation)

## FIG on Social Media

You are encouraged to join FIG on LinkedIn. FIG has a company profile page where main FIG news items are being published.

Under the company page all 10 commissions, networks and task forces have created their own page.

▶ <https://www.linkedin.com/company/fig---international-federation-of-surveyors>

FIG is on Facebook and Instagram, too, where relevant information is being uploaded and we encourage comments and discussions.

▶ <https://www.facebook.com/internationalfederationofsurveyors>

▶ <https://www.instagram.com/figsurveyors>

## The FIG Foundation – How Can I Contribute?

Companies, associations, institutions, events, surveyors' groups and individuals may contribute to the Foundation by:

- Donations which will be recognised by a plaque or a certificate of different categories reflecting the sum of donation as follows:
  - platinum plaque 25,000 €
  - gold plaque 10,000 €
  - silver plaque 5,000 €
  - bronze plaque 1,000 €.
- Donations to support specific projects or by offering scholarships. Donors and Benefactors may use the FIG Foundation logo to promote their project donations or scholarships.
- Voluntary donation when registering to FIG events.
- Attending social functions such as the FIG Foundation Dinners held during every FIG Congress and Working Week and other events.

## INSPIRATION

### The John Brock Grant

For now many years Surveyor **John Brock**, Australia, has supported two national participants from the organising country with a grant covering their registration fee to the conference and adjacent Young Surveyors meeting. This is a generous gift, and has supported many young surveyors to attend FIG events. The young surveyors state: *John's commitment to fostering the next generation of surveyors exemplifies the spirit of mentorship and community within our profession. Thank you, John, for your unwavering support and dedication!*

This is an inspiration and invitation to others to do the same...

## Benefits of Being a FIG Member

The benefits for all classes of membership of FIG include:

- |   |  |  |
|---|--|--|
| 1. Global Community & Extending Usefulness of Surveying for the Betterment of People and Planet | 5. Global Collaboration, Engagement and Influence in Commission Working Groups, Task Forces and Networks | 9. Leveraging Regional Working & Engagement          |
| 2. International Recognition & Enhancing Professional Profile                                   | 6. Continuing Professional Development (CPD)   | 10. Communication, Knowledge Exchange and Innovation |
| 3. Access to the International Surveying Community  | 7. Institutional Support   | 11. Access Global Communication Channels             |
| 4. Professional Visibility, Networking & Business Development                                   | 8. Next Generation Engagement and Development  | 12. Member Associations' Influencing Opportunities   |

## FIG Commissions

See p. 15.

## FIG Networks

### FIG Standards Network

Chair: Mr. David Martin, OGE, France

### Africa Regional Network

Chair: Mr. Mohammed Mammen Kabir, Nigeria

### Asia-Pacific Regional Network

Chair: Mr. Rob Sarib, SSSI, Australia

### Americas Regional Network

Chair: Mr. Dan Roman, NSPS, USA

### Young Surveyors Network

Chair: Ms. Shirley Tendai Chapunza, ZIG, Zimbabwe

► [fig.net/organisation/networks/](http://fig.net/organisation/networks/)

## Permanent Institutions

### The International Office of Cadastre and Land Records (OICRF)

Director: Dr. Eva-Maria Unger, Austria

### The International Institution for the History of Surveying and Measurement

Director: Mr. Jan de Graeve, UBGE, Belgium

► [fig.net/organisation/perm/](http://fig.net/organisation/perm/)

## Task Forces

### Task Force on FIG and the Sustainable Development Goals

Chair: Ms. Paula Dijkstra, GIN, Netherlands

### FIG Climate Compass Task Force

Co-chairs:  
Roshni Sharma, Australia  
Clarissa Augustinus, Ireland

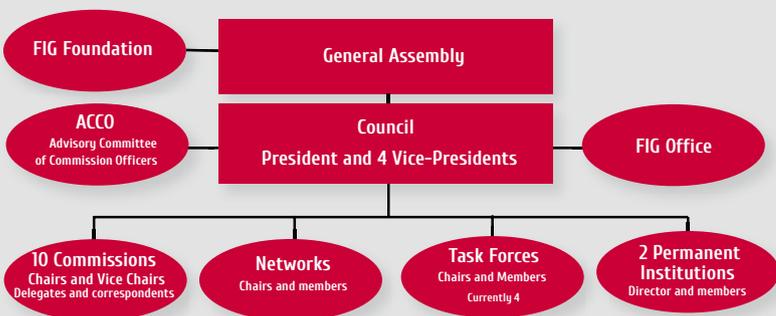
### Task Force on the Role of FIG in International Trends and Future Geospatial Information Ecosystem

Chair: Abbas Rajabifard, Australia

### Task Force on the Surveyor's Profession: Evolutionary Diversity and Inclusion

Chair: Mr Stephen Djaba, Ghana

► [fig.net/organisation/tf/](http://fig.net/organisation/tf/)



## FIG VISION

*Serving society, benefitting people and the planet: Tackling the Global Challenges*

Surveying is a modern profession acting worldwide for a better infrastructure for our society and planet earth. The International Federation of Surveyors (FIG) wants to keep, and even improve, its role as the premier non-governmental organisation that represents the interests of surveyors worldwide.

The FIG work plan builds on four pillars. Three pillars focus on the key aims and objectives of people, planet and partnership and one inward focusing aim and objective, looking at our own profession and governance:

- Planet
- People
- Partnership
- Governance and communication.

As a global professional body, FIG will need to ensure that it remains relevant and maintains an influential voice at all levels to serve society, benefitting people and the planet at the same time as making sure no-one is left behind. As professionals in the land, built and natural environments, we will need to step up to ensure we remain relevant and demonstrate our resolve. This means we will all need to demonstrate:

- Clarity and collaboration – a listening and action approach
- Purpose and reliability – a visible approach
- Action and courage – working together to deliver.

## ABOUT FIG

FIG is the premier international organization representing the interests of surveyors worldwide. It is a federation of the national member associations and covers the whole range of professional fields within the community, including surveying, cadastre, valuation, mapping, geodesy, geospatial, and quantity surveyors. It provides an international forum for discussion and development aiming to promote professional practice and standards.

FIG was founded in 1878 in Paris and was known as the Fédération Internationale des Géomètres. This has become anglicized to the International Federation of Surveyors. It is a UN-recognized non-government organization (NGO), representing more than 120 countries throughout the world, and its aim is to ensure that the disciplines of surveying and all who practise them meet the needs of the markets and communities that they serve.

# FIG Members

## Member Associations (March 2025)

<b>Afghanistan</b>	Afghan Surveyors Association
<b>Algeria</b>	Order of Land Expert Surveyors (OGEF)
<b>Argentina</b>	Federación Argentina de Agrimensores
<b>Australia</b>	Geospatial Council of Australia Surveyors Australia
<b>Austria</b>	Austrian Society for Surveying and Geoinformation
<b>Bahamas</b>	Bahamas Association of Land Surveyors
<b>Belgium</b>	Union Belge des Géomètres-Experts Immobiliers
<b>Benin</b>	Order of the Expert Geometricians of Benin
<b>Bosnia and Herzegovina</b>	Geodetic Association of Herceg-Bosnia
<b>Botswana</b>	Botswana Institute of Geomatics
<b>Brunei Darussalam</b>	Brunei Institution of Geomatics (B.I.G.)
<b>Bulgaria</b>	Chamber of Graduated Surveyors Union of Surveyors and Land Managers in Bulgaria
<b>Burkina Faso</b>	Association des Géomètres et Topographes du Burkina (AGT-B)
<b>Canada</b>	Canadian Institute of Geomatics
<b>China</b>	China Institute of Real Estate Appraisers and Agents (CIREA) China Land Science Society (CLSS) Chinese Society for Geodesy, Photogrammetry and Cartography (CSGPC)
<b>Congo, D.R.</b>	Federation of Geometers and Surveyors
<b>Côte d'Ivoire</b>	OGECI
<b>Croatia</b>	Croatian Geodetic Society
<b>Cyprus</b>	Cyprus Association of Rural and Surveying Engineers
<b>Czech Republic</b>	Association of Certified Appraisers Czech Union of Surveyors and Cartographers
<b>Denmark</b>	The Danish Association of Land Surveyors
<b>Estonia</b>	Association of Estonian Surveyors
<b>Fiji</b>	Fiji Institute of Surveyors
<b>Finland</b>	Finnish Association of Geodetic and Land Surveyors MIL
<b>France</b>	French Association of Topography (AFT) Ordre des Géomètres-Experts (OGE)
<b>Germany</b>	DVV – German Association for Geodesy, Geoinformation and Land Management
<b>Ghana</b>	Ghana Institution of Surveyors Licensed Surveyors Association of Ghana (LiSAG)
<b>Greece</b>	Technical Chamber of Greece
<b>Haiti</b>	Haitian Association of Geodetic Surveys (HAGS)
<b>Hong Kong SAR, China</b>	Alliance of Hong Kong Authorized Land Surveyors (AALS) The Hong Kong Institution of Engineering Surveyors
<b>Hungary</b>	Hungarian Society of Surveying, Mapping and Remote Sensing
<b>Indonesia</b>	Indonesian Surveyor Association
<b>Iran</b>	Iranian Professional Society of Surveying Engineers (ISS)
<b>Israel</b>	Association of Licensed Surveyors in Israel
<b>Italy</b>	National Council of Italian Surveyors
<b>Jamaica</b>	The Land Surveyors Association of Jamaica (LSAJ)
<b>Japan</b>	Japan Federation of Surveyors
<b>Kenya</b>	Institution of Surveyors of Kenya (ISK)
<b>Korea, Republic of</b>	Korea Confederation of Surveyors
<b>Kosovo</b>	Kosova Association of Surveyors
<b>Latvia</b>	Latvian Association of Surveyors (LMB)
<b>Lebanon</b>	Order of Surveyors
<b>Liberia</b>	Association of Professional Land Surveyors of Liberia
<b>Luxembourg</b>	Lëtzeburger Associatioun fir Geodäsie & Geoinformatik
<b>Malaysia</b>	Association of Authorised Land Surveyors Malaysia
<b>Mali</b>	Ordre des Geometres Experts du Mali (OGE)
<b>Malta</b>	Malta Institution of Surveyors
<b>Mongolia</b>	Mongolian Association of Geodesy, Photogrammetry and Cartography (MAGPC)
<b>Morocco</b>	National Order of Surveying Engineers and Surveyors
<b>Nepal</b>	Nepal Institution of Chartered Surveyors (NICS)
<b>Netherlands</b>	Geo-Information Netherlands
<b>New Zealand</b>	Survey and Spatial New Zealand
<b>Nigeria</b>	Nigerian Institute of Quantity Surveyors (NIQS) Nigerian Institution of Estate Surveyors and Valuers Nigerian Institution of Surveyors (NIS)
<b>Norway</b>	Norwegian professionals for the built environment – GeoForum
<b>Palestine, State of</b>	Licensed Surveyors Association in Palestine
<b>Papua New Guinea</b>	Association of Surveyors of Papua New Guinea (ASPNG)
<b>Philippines</b>	Geodetic Engineers of the Philippines, Inc.
<b>Poland</b>	Association of Polish Surveyors
<b>Portugal</b>	Order of Engineers – College of Geographical Engineering
<b>Romania</b>	Romanian Association of Private Surveyors Romanian Surveyors Union
<b>Russian Federation</b>	Association “Self-regulated organization of activity of cadastral engineers” The Federal Service for State Registration, Cadastre and Cartography (Rosreestr)
<b>Saudi Arabia</b>	General Authority for Survey and Geospatial Information
<b>Senegal</b>	National Order of Surveyors of Senegal

<b>Serbia</b>	Serbian Union of Surveyors
<b>Sierra Leone</b>	Association of Licenced Surveyors, Sierra Leone
<b>Slovakia</b>	Chamber of Surveyors and Cartographers (CSC) Slovak Union of Surveyors and Cartographers
<b>Slovenia</b>	Association of Surveyors of Slovenia
<b>Solomon Islands</b>	Association of Surveyors of the Solomon Islands
<b>South Africa</b>	South African Geomatics Council The South African Geomatics Institute (SAGI)
<b>Spain</b>	Colegio Oficial de Ingeniería Geomática y Topográfica
<b>Sri Lanka</b>	Institute of Surveyors Sri Lanka
<b>Sweden</b>	Swedish Professionals for the Built Environment
<b>Switzerland</b>	Swiss Association for Geomatics and Landmanagement
<b>Syrian Arab Republic</b>	Order of Syrian Engineers and Architects (OSEA)
<b>Tanzania</b>	Valuers Registration Board

## Affiliate Members (March 2025)

<b>Armenia</b>	Cadastre Committee of the Republic of Armenia
<b>Bhutan</b>	National Land Commission Secretariat
<b>Bolivia</b>	Instituto Geográfico de Militar
<b>Brunei Darussalam</b>	Survey Department
<b>Bulgaria</b>	Geodesy, Cartography and Cadastre Agency of Bulgaria
<b>Cambodia, Kingdom of</b>	Ministry of Land Management Urban Planning and Construction
<b>Chile</b>	Chilean Navy Hydrographic and Oceanographic Service
<b>China</b>	China Land Surveying and Planning Institute, Ministry of Land and Resources
<b>Colombia</b>	Instituto Geográfico Agustín Codazzi
<b>Congo, D.R.</b>	Cadastre of DRC – Ministère des Affaires Foncières
<b>Cyprus</b>	Cyprus Lands and Surveys Department
<b>Denmark</b>	Agency for Data Supply and Efficiency The Danish Geodata Agency
<b>Fiji</b>	iTaukei Land Trust Board
<b>Finland</b>	National Land Survey of Finland
<b>Georgia</b>	National Agency of Public Registry – LEPL
<b>Hungary</b>	Lechner Knowledge Center Non-profit Ltd.
<b>India</b>	Survey of India
<b>Israel</b>	Survey of Israel
<b>Italy</b>	Italian Society of Photogrammetry and Topography (SIFET)
<b>Japan</b>	Geospatial Information Authority of Japan
<b>Jordan</b>	Department of Lands & Survey
<b>Latvia</b>	The State Land Service of Latvia

<b>Togo</b>	Ordre des Géomètres du Togo (OGT)
<b>Trinidad and Tobago</b>	Institute of Surveyors of Trinidad and Tobago
<b>Türkiye</b>	Chamber of Surveying and Cadastre Engineers of Türkiye
<b>Uganda</b>	Institution of Surveyors of Uganda
<b>Ukraine</b>	Public Union, Ukrainian Society for Geodesy and Cartography
<b>United Kingdom</b>	CICES The Royal Institution of Chartered Surveyors (RICS)
<b>United States</b>	American Association for Geodetic Surveying International Association of Assessing Officers IAAO National Society of Professional Surveyors (NSPS)
<b>Uruguay</b>	Surveyors Association of Uruguay
<b>Vietnam</b>	Vietnam Association of Geodesy – Cartography – Remote Sensing
<b>Zimbabwe</b>	Survey Institute of Zimbabwe Zimbabwe Institute of Geomatics

<b>Lesotho</b>	Land Administration Authority, Lesotho
<b>Mexico</b>	National Institute of Statistics and Geography (INEGI)
<b>Moldova, Republic of</b>	The Geodesy, Cartography and Cadastre Agency
<b>Nepal</b>	Survey Department
<b>Netherlands</b>	Cadastre, Land Registry and Mapping Agency
<b>New Zealand</b>	Land Information New Zealand
<b>Nigeria</b>	Surveyors Council Of Nigeria (SURCON)
<b>North Macedonia</b>	Agency for Real Estate Cadastre (AREC)
<b>Norway</b>	Norwegian Mapping Authority
<b>Philippines</b>	National Mapping and Resource Information Authority
<b>Romania</b>	National Agency for Cadastre and Land Administration
<b>Russian Federation</b>	Siberian State University of Geosystems and Technologies
<b>Sierra Leone</b>	Ministry of Lands , Housing and Country Planning, Government of Sierra Leone
<b>Sri Lanka</b>	Survey Department of Sri Lanka
<b>Sweden</b>	Lantmäteriet – The Swedish mapping, cadastral and land registration authority
<b>Switzerland</b>	Swiss Federal Office of Topography swisstopo
<b>Tonga</b>	Ministry of Lands and Natural Resources
<b>United Kingdom</b>	Ordnance Survey
<b>United States</b>	National Geodetic Survey, National Oceanic and Atmospheric Administration Utility Engineering and Surveying Institute (UESI)
<b>Zanzibar</b>	Zanzibar Commission For Lands

## Academic Members (March 2025)

<b>Armenia</b>	National University of Architecture and Construction of Armenia (NUACA)
<b>Australia</b>	RMIT University
	The University of Melbourne
	University of New South Wales
	University of Southern Queensland Australia
<b>Austria</b>	University of Natural Resources and Life Sciences Vienna (BOKU)
<b>Belgium</b>	Antwerp Maritime Academy
	Ghent University
	Haute Ecole ICHEC-ECAM-ISFSC Institut ECAM
	University of Liege
<b>Brazil</b>	Universidade Federal de Santa Catarina – UFSC
<b>Bulgaria</b>	University of Architecture, Civil Engineering and Geodesy (UACEG)
<b>Canada</b>	British Columbia Institute of Technology (BCIT)
	Université Laval
	University of Calgary
	University of New Brunswick
<b>China</b>	Renmin University – School of Public Administration and Policy
<b>Colombia</b>	Escuela de Ingenieros Militares
	Universidad Distrital Francisco José de Caldas
	Universidad Distrital Francisco José de Caldas
<b>Croatia</b>	University of Zagreb
<b>Cyprus</b>	Cyprus University of Technology (Civil Engineering and Geomatics)
<b>Czech Republic</b>	Brno University of Technology
<b>Denmark</b>	Aalborg University
<b>Ethiopia</b>	Bahir Dar University – Institute of Land Administration
<b>Finland</b>	Aalto University
	Helsinki Metropolia University of Applied Sciences
	Lapland University of Applied Sciences
<b>France</b>	Ecole Supérieure des Géomètres et Topographes (ESGT)
<b>Germany</b>	###Anhalt University of Applied Sciences
	Berlin Institute of Technology
	Technical University of Munich
	University of Stuttgart
<b>Ghana</b>	Kwame Nkrumah University of Science and Technology
	University of Environment & Sustainable Development
	University of Mines and Technology
<b>Greece</b>	School of Rural, Surveying and Geoinformatics Engineering, NTUA
<b>Haiti</b>	Queensland University (UQ)
<b>Hong Kong SAR, China</b>	The Hong Kong Polytechnic University
<b>Hungary</b>	Obuda University, AMK, Institute of Geoinformatics
<b>Indonesia</b>	Institut Teknologi Sumatera, Geomatics Engineering
<b>Ireland</b>	Dublin Institute of Technology
<b>Israel</b>	Technion Research & Development Foundation
<b>Latvia</b>	Riga Technical University
<b>Lebanon</b>	Lebanese Canadian University (LCU)
	Lebanese International University (LIU)
<b>Malawi</b>	Central Christian University
<b>Malaysia</b>	Universiti Teknologi Malaysia
<b>Namibia</b>	Namibia University of Science and Technology (NUST)
<b>Nepal</b>	Land Management Training Centre
<b>Netherlands</b>	University of Twente – Faculty of Geo-Information Science and Earth Observation (ITC)
<b>New Zealand</b>	University of Otago
<b>Nigeria</b>	University of Benin
<b>North Macedonia</b>	South-East European Research Institute on Geo Sciences
<b>Norway</b>	Norwegian University of Life Sciences
	Western Norway University of Applied Sciences
<b>Papua New Guinea</b>	Papua New Guinea University of Technology
<b>Poland</b>	University of Warmia and Mazury in Olsztyn
<b>Romania</b>	"1 Decembrie 1918" University of Alba Iulia
	Technical University of Civil Engineering Bucharest
	University of Life Sciences
	University of Oradea- Faculty of Construction, Cadastre and Architecture
<b>Russian Federation</b>	Moscow State University of Geodesy and Cartography
	State University of Land Use Planning
<b>Rwanda</b>	INES-Ruhengeri
<b>Scotland</b>	University of Glasgow
<b>Serbia</b>	University of Novi Sad
<b>Slovenia</b>	University of Ljubljana
<b>South Africa</b>	University of Cape Town
<b>Spain</b>	Universitat Politècnica de València, UPV
	University of Jaen Spain
<b>Sri Lanka</b>	Sabaragamuwa University of Sri Lanka
<b>Sweden</b>	Royal Institute of Technology
	University West
<b>Switzerland</b>	University of Applied Sciences Northwestern Switzerland FHNW
<b>Trinidad and Tobago</b>	University of the West Indies
<b>Türkiye</b>	Ankara University Faculty of Applied Sciences
	Technical University of Konya
<b>Ukraine</b>	National University of Life and Environmental Sciences of Ukraine
<b>United Kingdom</b>	Oxford Brookes University
	Real Estate and Planning, Reading University
	Sheffield Hallam University
	University of the West of England
<b>United States</b>	Texas A&M University – Corpus Christi
	The University Southern Mississippi Hydrographic

In addition, FIG has a correspondent in Maldives, Pakistan, Rwanda, Tonga and Venezuela.

## Honorary Ambassadors

Clarissa Augustinus (prev. UN-Habitat/GLTN) and Paul Munro-Faure (prev. FAO).

## Corporate Members (March 2025)

### PLATINUM LEVEL

	Bentley Systems
	CHC Navigation
	Environmental Systems Research Institute, Inc. (ESRI)
	Leica Geosystems AG
	Trimble Navigation Ltd

### SILVER LEVEL

	Topcon Europe Positioning b.v.
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### BRONZE LEVEL

	GIM International – Geomares Publishing
	GIS/Transport Ltd.
	Mena3D GmbH
	Meter Platform & Application Company
	RIPRO Corporation, Japan
	Supermap Software Co, Ltd.

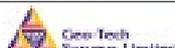
### BASIC LEVEL

	Al-Qotr Professional Consulting Company
	Beijing iSpatial Co., Ltd, PRC

### BASIC LEVEL (CONT.)

	Geoide Geosystems S.a.
	Geoweb S. p. A
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### REGIONAL LEVEL

	Alisteshaar Geospatial Consultancy
	Atlas Surveying
	City Survey & engineering Consultants
	Construction Technological Services Private Limited
	GEO:connexion Ltd
	Georeference Engineering Consultants, Saudi Arabia
	Geo-Tech Surveys Ltd, Ghana
	Global GIS (Pvt) Ltd
	Multigeomatics Limited
	Orbits Engineering Firm
	Zimbabwe National Geospatial and Space Agency

### OTHER SPONSORSHIP

	The Danish Society of Engineers, IDA
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# Economy

## Income and Expenditure Account 2022–2024

REGULAR INCOME	Result 2024	Budget 2024	Result 2023	Result 2022
<b>Subscriptions</b>	(all figures in Euro)			
Member associations	254,181	265,000	252,541	256,965
Affiliate members	28,243	35,000	28,638	28,440
Corporate members	73,600	80,000	71,575	73,375
Academic members	9,875	12,000	9,563	9,125
Less debts written off	22,654	15,000	16,925	13,878
Less change in provision for doubtful debt	1,700	–	5,800	5,000
<b>Total subscription income</b>	<b>344,945</b>	<b>377,000</b>	<b>351,192</b>	<b>349,027</b>
<b>Financial income / expenses</b>				
Financial income	21,688	5,000	14,767	1,834
Less banking costs	426	250	377	464
Unrealised loss on currency diff. and investments	17,102		–36	–35,073
Advertising income				
<b>Events – fees charged for services</b>	50,000	50,000	0	46,239
<b>Total regular income</b>	<b>433,289</b>	<b>431,750</b>	<b>361,563</b>	<b>361,563</b>
<b>REGULAR EXPENDITURE</b>				
Administration	183,062	220,480	190,341	210,101
Marketing and publications	9,455	8,000	10,782	2,138
Council and executive management	167,720	177,480	175,930	137,252
Commission and other groups regular support	42,000	42,000	39,000	39,000
<b>Total regular expenditure</b>	<b>402,237</b>	<b>447,960</b>	<b>416,053</b>	<b>388,491</b>
<b>Surplus/deficit of regular income over regular expenditure</b>	<b>31,052</b>	<b>–16,210</b>	<b>–50,507</b>	<b>–26,928</b>
<b>PROJECTS AND DEVELOPMENT</b>				
<b>Developmental income</b>	<b>11,920</b>	<b>15,000</b>	<b>3,814</b>	<b>19,602</b>
<b>Developmental spend</b>	<b>24,101</b>	<b>14,000</b>	<b>–</b>	<b>–</b>
<b>RESULT</b>				
<b>Overall surplus/deficit in the year – normal activities</b>	<b>18,871</b>	<b>–15,210</b>	<b>–46,693</b>	<b>–7,326</b>
<b>Total reserves at year end</b>	<b>529,929</b>	<b>495,848</b>	<b>511,058</b>	<b>559,834</b>
General reserve	414,929	395,848	411,058	459,834
Events reserve	50,000	50,000	50,000	50,000
IT Development Reserve	50,000	50,000	50,000	50,000
150th anniversary 2028 reserve	15,000			
General reserve as a % of regular annual exp	103%	88%	99%	118%

## Finances 2019–2024

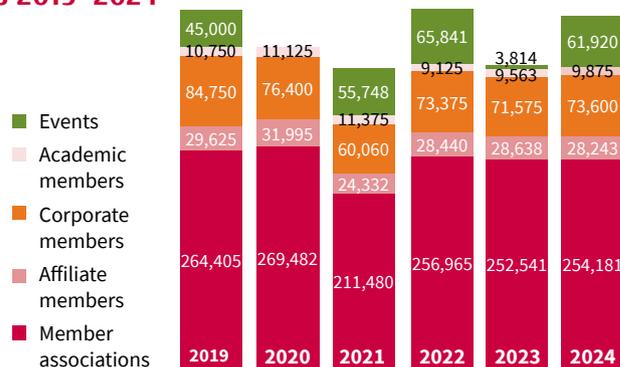


FIG Income



Financial Result

# Key Contacts

## FIG Council 2023–2026

### President



**Dr. Diane Dumashie**  
RICS, UK

### Vice Presidents



**Ms. Winnie Shiu** (2023–26)  
NSPS, USA



**Mr. Daniel Steudler** (2023–26)  
geosuisse, Switzerland



**Prof. Qin Yan** (2025–28)  
CSGPC, China



**Mr. Michalis Kalogiannakis**  
(2025–28),  
TCG, Greece

### Vice Presidents (2021–2024)



**Mr. Mikael Lilje** (2017–2024)  
Swedish Professionals for the  
Built Environment, Sweden



**Mr. Kwame Tenadu** (2021–24)  
LISAG, Ghana

## Other Representatives in the Council

### Acco Representatives



**Mr. Ryan Keenan**  
Australia, Chair FIG Commission 5  
(2025–26)



**Mr. Tim Burch**  
USA, Chair FIG Commission 1  
(2023–24)

### Young Surveyors Representatives



**Mr. Iaroslav Zifceac**  
Romania  
(2025)



**Ms. Shirley Tendai Chapunza**  
Zimbabwe  
(2024)

### FIG Corporate Members Representative



**Mr. Brent Jones**  
ESRI, USA (2024–26)

## FIG Office

### International Federation of Surveyors

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FIG Event and Support Manager

## FIG Communication



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## FIG Working Week 2027

Stavanger Norway 23-27 May

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FIG PLATINUM CORPORATE MEMBERS

