

# INTRODUCING THE FIG, YSN, AND THE SAYSN

FIG is the premier international organization representing the interests of surveyors worldwide

Presented by:  
**Nozipho Madlala**  
Chairperson, SAYSN



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



South African Young Surveyors Network



# About FIG

## Background:

- Founded on July 18,1878 in Paris by delegates from seven national associations Belgium, France, Germany, Great Britain, Italy, Spain and Switzerland.
- UN-recognized non-government organization (NGO).
- 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 global surveying, geomatics, geodesy and geo-information community.
- Representing more than 120 countries throughout the world.
- The FIG's aim is to ensure that the disciplines of surveying and all who practice them meet the needs of the markets and communities that they serve
- The FIG provides an international forum for discussion and development aiming to promote professional practice and standards



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# About FIG

## Vision

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 organization that represents the interests of surveyors worldwide.



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# About FIG

## Definition of a Surveyor

A surveyor is a professional person **with the academic qualifications and technical expertise** to conduct one, or more, of the following activities; to determine, measure and represent land, three-dimensional objects, point-fields and trajectories; to assemble and interpret land and geographically related information, to use that information for the planning and efficient administration of the land, the sea and any structures thereon; and, to conduct research into the above practices and to develop them.



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# About FIG

## Role of FIG:

- Supports the role of a **prosperous and sustainable profession of surveyors**
  - To provide solution functionality, reliably, affordably for a complex and rapidly changing world that cannot wait
  - To translate a sustainable development agenda into action.
- Supports **international collaboration** among its members for the progress of surveying in all its fields and applications.
- FIG has been **globally recognized as the leading international non-governmental organization on geospatial information and the management of “land”, the “sea” and the “built” environment.**



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# About FIG

## Members of FIG:

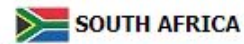
- **Member associations:** national associations representing one or more of the disciplines of surveying.
- **Affiliates:** groups of surveyors or surveying organizations undertaking professional activities but not fulfilling the criteria for member associations
- **Corporate members:** organizations, institutions or agencies which provide commercial services related to the profession of surveyor
- **Academic members:**



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South African Geomatics Council

**President:** Nape Mojapelo

**FIG Representative:** Siyabonga Mdubeki

Member no: MA-10077



The South African Geomatics Institute (SAGI)

**President:** Mr. Peter Newmarch

**FIG Representative:** Mr. Peter Newmarch

Member no: MA-10128

# About FIG

## Partnerships



United Nations



**THE WORLD BANK**  
IBRD • IDA | WORLD BANK GROUP



UN-GGIM

United Nations Committee of Experts on  
Global Geospatial Information Management



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## Corporate Members

Platinum level members



Silver level



Bronze level



Basic level



Regional level



Other sponsorships



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# About FIG

## FIG Activities

Governed by a work plan:

- Approved by the General Assembly and reviewed by Council as its tenure progresses.
- The current work plan with the motto “Volunteering for the Future ” guides Council, Commissions, Networks and Task Force in their activities.



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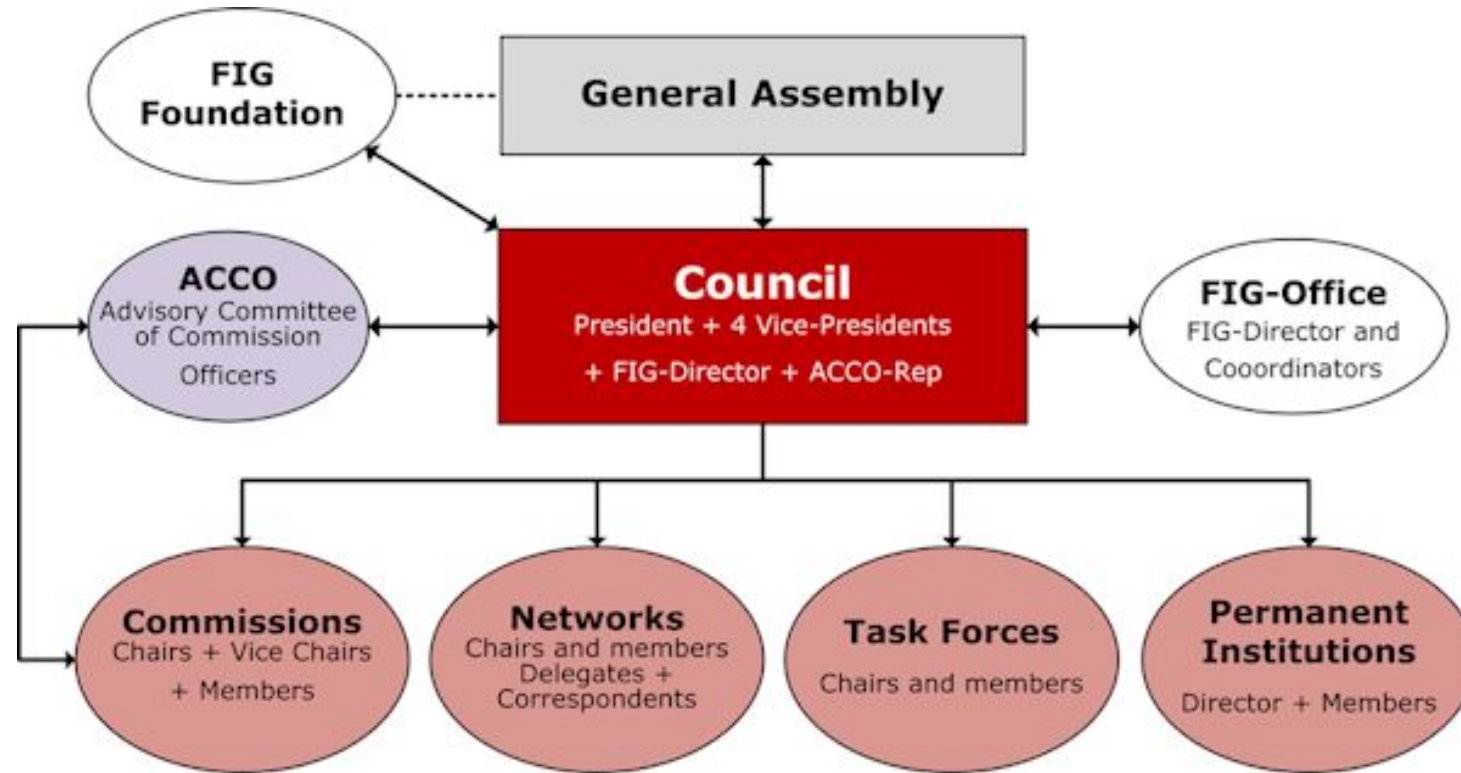


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# FIG Organisation



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# FIG Commissions



**Commission 1 – Professional Standards and Practice**



**Commission 6 – Engineering Surveys**



**Commission 2 – Professional Education**



**Commission 7 – Cadastre and Land Management**



**Commission 3 – Spatial Information Management**



**Commission 8 – Spatial Planning and Development**



**Commission 4 – Hydrography**



**Commission 9 – Valuation and the Management of Real Estate**

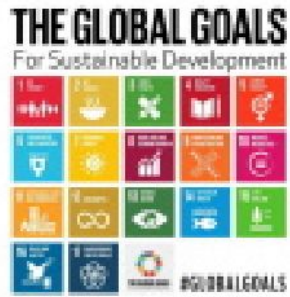


**Commission 5 – Positioning and Measurement**



**Commission 10 - Construction Economics and Management**

# FIG Task Forces



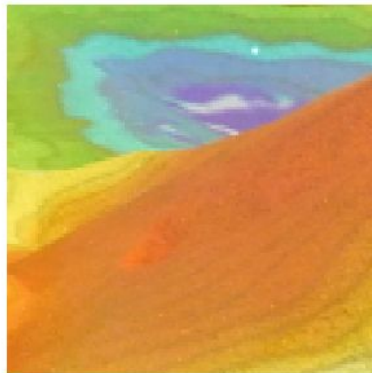
**Task Force on FIG and the Sustainable Development Goals**

2019-2022  
2023-2026



**FIG Climate Compass Task Force**

2023-2026



**Task Force on the Role of FIG in international Trends and Future Geospatial Information Ecosystem**

2023-2026



**Task Force on The Surveyor's Profession: Evolutionary Diversity and Inclusion**

2023-2026



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# FIG Networks



FIG Young  
Surveyors Network



FIG Standards Network

## FIG Regional Capacity Development Networks



Africa  
(ARN)



Asia/Pacific  
(AP-CPD)



Americas



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# FIG Foundation



THE FIG FOUNDATION  
*Celebrating 20 years  
of Building a Sustainable Future  
2001 - 2021*

The 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.



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# FIG Africa Regional Network

The ARN aims are in line with the Capacity Development Network (CDN) aims in supporting regional association members and academic members using a networking approach based on enhancing communication in the region and promoting the ideals of the FIG.



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# About the FIG Young Surveyors Network

## Who are we?

- Chair: Ms. Shirley Chapunza (Zimbabwe)
- Who are we? A vibrant group of students and young professionals from around the world.
- Originally established in 2006, to encourage more young professionals to participate within FIG.

## What do we do?

- Ensure the future of the surveying profession
- Promote the work of FIG and the 10 FIG Commissions.
- Organize events around the world within our Regional Networks.
- Collaborate with other like-minded industries and professions.

- ✓ Focus on sustainability
- ✓ Eager
- ✓ Global
- ✓ Diverse
- ✓ Powerful



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# FIG YSN Vision

To **INSPIRE** the next generation of surveyors:

- I** **Inspire** and support a collaborative platform for emerging members of all surveying disciplines
- N** **Nurture** existing and grow new partnerships to contribute to global sustainability initiatives.
- S** **Strengthen** the bond between Young Surveyors globally.
- P** **Promote** the sharing of knowledge and creation of initiatives with like-minded industry professionals.
- I** **Innovate** to ensure the sustainability and future of the profession.
- R** **Raise awareness** of FIG and FIG YSN and work with FIG Commissions to achieve common goals
- E** **Empower** and build a collaborative team.



## FIG Young Surveyors Network

Our Global Network

# FIG YSN Community



**FIG YSN North American Network**  
YSNA



**FIG YSN European Network**  
YSEN



**FIG YSN South American Network**  
YSSA



**FIG YSN African Network**  
YSAN



**FIG YSN Asia Pacific Network**  
YSAP



@fig\_young



FIG Young Surveyors



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[www.fig.net/organization/network/ys](http://www.fig.net/organization/network/ys)



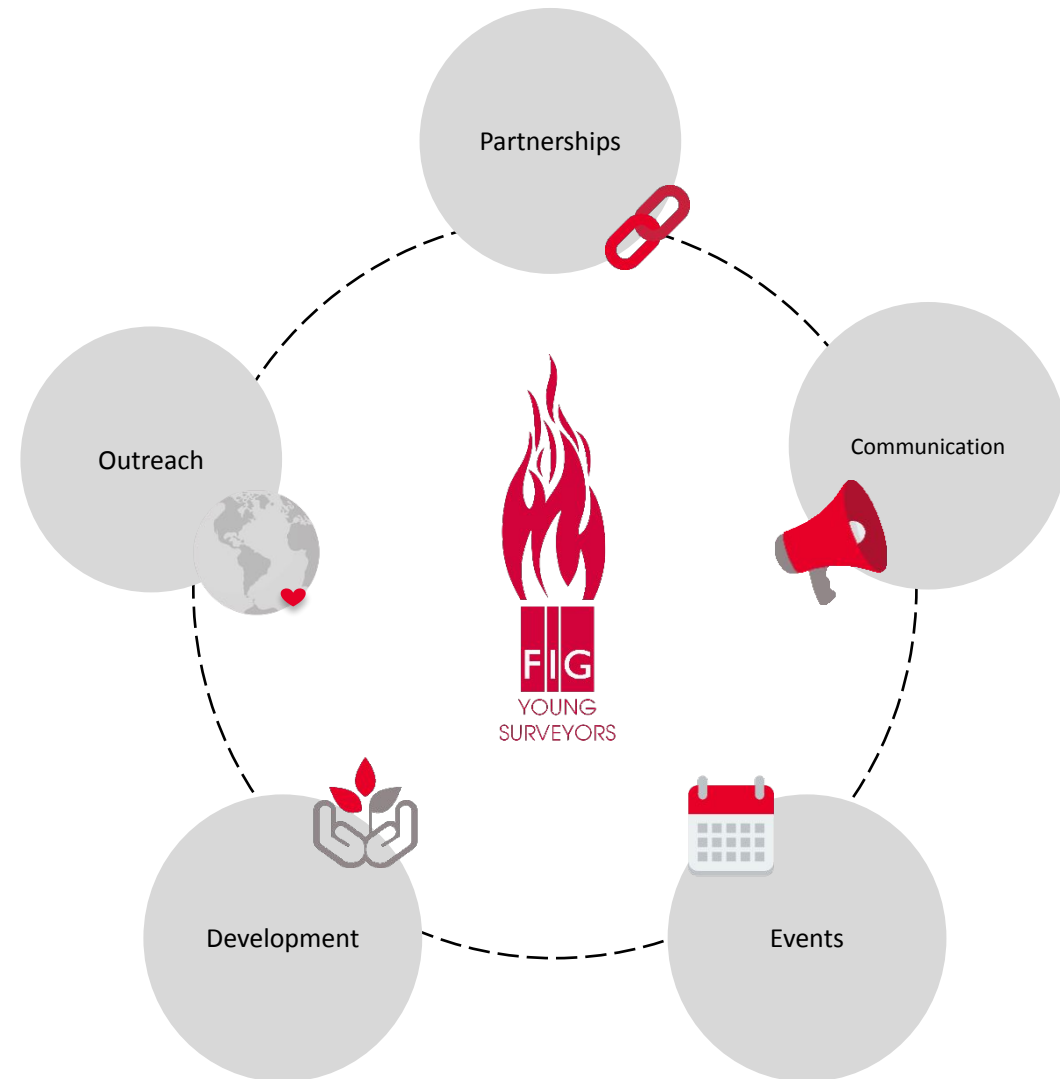
[fig.youngsurveyors@gmail.com](mailto:fig.youngsurveyors@gmail.com)

# FIG YSN Initiatives

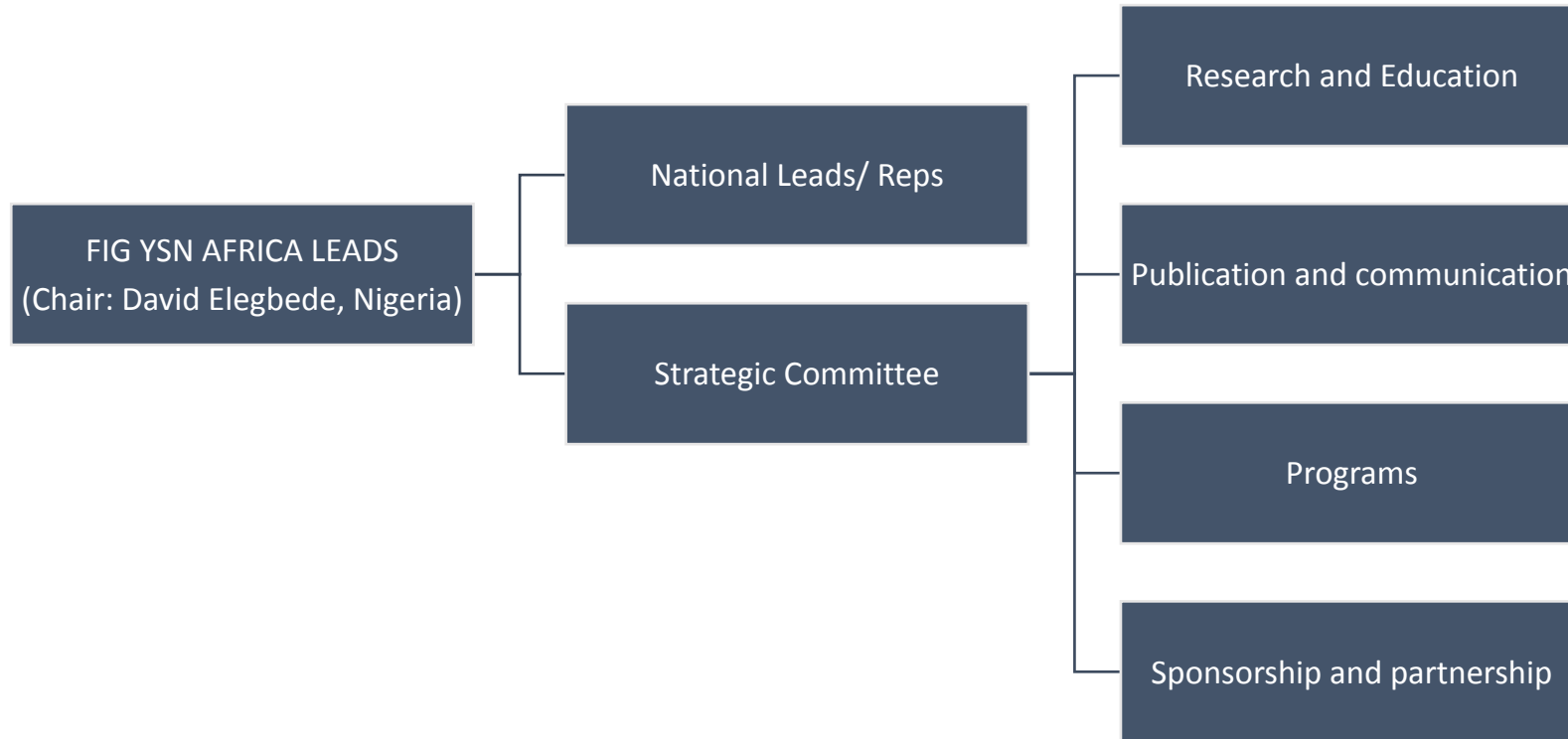
- Five key initiatives to achieve the Vision for the FIG YSN
- Each have a purpose and an outcome, achieved through one or more projects.
- Existing Toolkits will be reviewed, developed and adapted regionally.

## FIG YSN VOLUNTEER COMMUNITY SURVEY PROGRAM (VCSP)

- The VCSP is the signature outreach program of the FIG Young Surveyor Network (YSN), providing young surveyors the opportunity to volunteer and grow by sharing their valued skills with communities globally.



# FIG YSN AFRICA



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# South African Young Surveyors Network

- To bring together and support young surveyors in South Africa
- To foster and facilitate networking, professional development, & advocacy, and to participate, through volunteerism and collaboration, in FIG and other industry activities
- Current landscape of the surveying industry in South Africa
- Importance of fostering young talent and leadership
- Alignment with global trends in professional association



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# SAYSN History

- The SAYSN was officially launched on the 24th of August, 2012
- Many of the founding members are still actively involved in the surveying industry
- The network then aimed at having active involvement of young surveyors in the profession
- The network was largely involved in various activities during industry conferences such as AfricaGeo and the Geomatics Indaba
- Facebook group the main platform for engagement and communication



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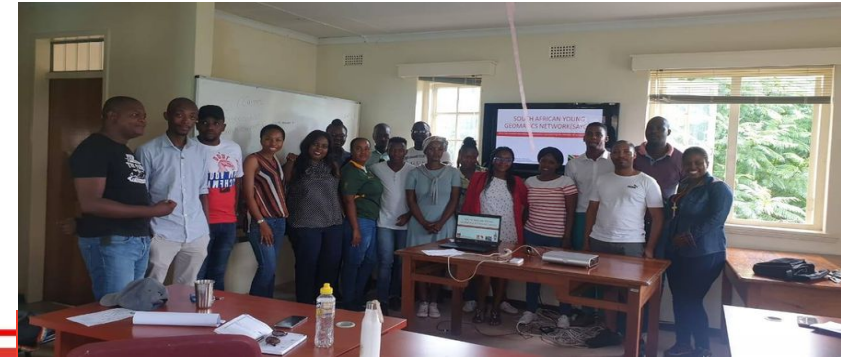
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# SAYSN History

- Several attempts to relaunch the network between 2019 and 2020
- First relaunch events planned for Gauteng and Limpopo
- SAYSN renamed SAYGN (South African Young Geomatics Network, and again renamed South African Young Geomaticians' Network (inclusion))
- Challenge to attract coordinators from other provinces
- Communication limited to Facebook page



**SOUTH AFRICAN YOUNG GEOMATICIANS NETWORK (SAYGN)**  
INVITES YOU TO THE 1<sup>st</sup> SOUTH AFRICAN MEETING  
GAUTENG

**GAUTENG**  
DATE: 29 February 2020  
TIME: 10:00 – 11:30  
VENUE: Room 1701, 17<sup>th</sup> floor Merino Building, Surveyor General, Cnr Bosman and Pretorius Street, Pretoria  
THEME: Young Professionals  
RSVP: keke.malekela@gmail.com  
WHATSAPP 072 428 0450

**FIG** International Federation of Surveyors  
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**JOIN THE STEERING COMMITTEE  
FOR THE SOUTH AFRICAN YOUTH  
GEOMATICIANS NETWORK**

SEND AN EMAIL TO  
[KEKE.MALEKELA@GMAIL.COM](mailto:KEKE.MALEKELA@GMAIL.COM)

**INVITES YOU TO THE 1<sup>st</sup> SOUTH AFRICAN MEETING  
LIMPOPO**

**LIMPOPO**  
DATE: 21<sup>st</sup> February 2020  
TIME: 12:00 – 13:00  
VENUE: 101 Dorp Street, Polokwane  
Office of the Surveyor General,  
THEME: Young Professionals  
RSVP: nozipho.madlala16@gmail.com  
WHATSAPP 079 677 4349



# SAYSN 2024

- Renamed
- Rebranded
- Relunched
- Re...



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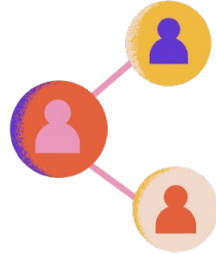
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# SAYSN Objectives

## Networking

Facilitate networking opportunities among young surveyors



## Collaboration

Enhance international collaboration and exposure through FIG's global network



## Professional Development

Provide professional development through workshops, seminars, and mentorship programs



## Advocacy

Advocate for the interests of young surveyors within the profession



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# SAYSN Structures

1. NEC
2. Provincial Coordinators
3. Marketing and Communications Committee
4. Events Committee
5. Fundraising Committee



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# How to join SAYSN

## Criteria

- All students (Built environment professions that fall within the FIG definition of 'Surveyor')
- Young professionals (Built environment professions that fall within the FIG definition of 'Surveyor')
- Age: 35 years old or younger

## Benefits of membership

- Participate in local, regional, and global FIG events
- Access to exclusive YSN opportunities
- It's up to you!!



Complete this form to join:

[https://docs.google.com/forms/d/1vkmlWguOxK7-1-uX19EcFj\\_QMo79oQQ3aBnYdKHFLtw/edit?pli=1](https://docs.google.com/forms/d/1vkmlWguOxK7-1-uX19EcFj_QMo79oQQ3aBnYdKHFLtw/edit?pli=1)



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# FIG Upcoming Events



Climate Responsive Land Governance and Disaster Resilience: Safeguarding Land Rights



Kathmandu, Nepal  
14–16 November



**Regional Conference 2024**



**3D Land Administration**



12<sup>th</sup> International FIG Workshop on LADM & 3D LA  
24-26 September 2024, Kuching, Malaysia



**WORKING WEEK 2025**  
6-10 APRIL • BRISBANE AUSTRALIA  
Collaboration, Innovation and Resilience: Championing a Digital Generation



Geospatial Council of Australia



**XXVIII FIG CONGRESS**  
24–29 MAY 2026  
Cape Town, South Africa

The Future We Want – The SDGs and Beyond.  
Where we are, Where we want to be.



# We look forward to hearing from you



South African Young Geomatics Network  
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<https://chat.whatsapp.com/GxBpTxzcTeLAVSfzeXr>

uzW



SAYSN: [saysn.fig@gmail.com](mailto:saysn.fig@gmail.com)