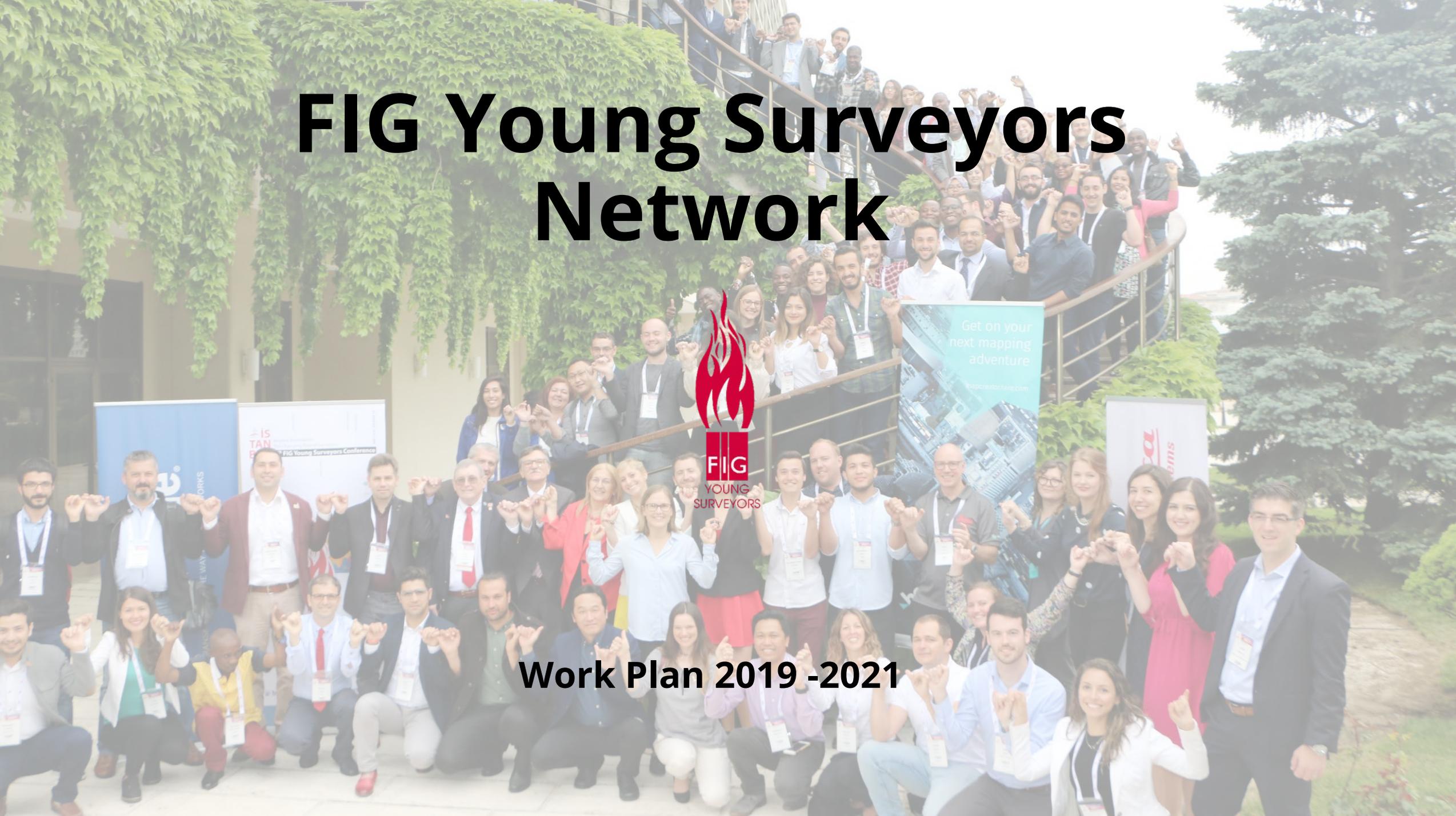


FIG Young Surveyors Network



Work Plan 2019 -2021

Presentation Outline

- FIG and FIG Commissions
- FIG Young Surveyors Network
- Terms of Reference
- Our Network
- Our Vision
- Our Initiatives
- Young Surveyors Roadmap
- Upcoming Events
- Our Global Network

International Federation of Surveyors (FIG)

- FIG was founded on the 18th July 1878 in Paris, France.
- A federation of national survey associations, and the only international body that represents all surveying disciplines.

“

A modern and sustainable surveying profession in support of society, environment and economy by providing innovative, reliable and best practice solutions to our rapidly changing and complex world, acting with integrity and confidence about the usefulness of surveying, and translating these words into action.

“



FIG Commissions

- The FIG Commissions lead the technical work of FIG and are separated into each surveying discipline.
- The FIG Young Surveyors work closely with Commissions to achieve their initiatives and goals.
- The Commissions are:
 1. Professional Standards and Practice
 2. Professional Education
 3. Spatial Information Management
 4. Hydrography
 5. Position and Measurement
 6. Engineering Surveys
 7. Cadastre and Land Management
 8. Spatial Planning and Development
 9. Valuation and the Management of Real Estate
 10. Construction Economics and Management



FIG Young Surveyors Network

- 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 likeminded industries and professions.



FIG Young Surveyors Network



Melissa Harrington
New Zealand/USA
Chair FIG YSN 2019 - 2020



Kwabena Asiamah
Ghana/Netherlands
Vice Chair FIG YSN 2019 - 2020

Advisory Group

- The YSN is a constantly evolving distributed network.
- A platform and a way to transfer knowledge and enthusiasm, transition and link point between FIG YSN and wider FIG Network
- Mentoring Platform with invited members from:
 - 5 Regional Networks
 - 3 invited representatives
- Ensure that the goals of each initiative are achieved, strengthen the network and to assist with future succession.



Terms of Reference

- Who is a Young Surveyor?
 - To participate as a Young Surveyor at FIG and other affiliated events, you must be:
 - **Young Surveyor (YS):**
Surveyors aged 35 years or under, or students of surveying and all related studies.
 - **Young Surveying Professional (YSP):**
Young Professionals of surveying and all related studies within 10 years of graduation from a Bachelor or Masters degree.



Becoming an FIG Young Surveyor

- How do I become a Young Surveyor?
 - There is no formal process
 - We encourage everyone who fits the definition to participate and become active in their network!
- How do I become active?
 - Get in contact with your National Surveying Association
 - Join all or one of our social media channels
 - Write an e-mail to fig.youngsurveyors@gmail.com with your ideas and let us know who you are!



@fig_young



FIG Young Surveyors



FIG Young Surveyors Network



www.fig.net/organization/network/ys



fig.youngsurveyors@gmail.com



FIG Young Surveyors Network

Our Global Network



FIG YSN North American Network
YSNA



FIG YSN South American Network
YSSA



FIG YSN European Network
YSEN



FIG YSN African Network
YSAN



FIG YSN Asia Pacific Network
YSAP



@fig_young



FIG Young Surveyors



FIG Young Surveyors Network



www.fig.net/organization/network/ys



fig.youngsurveyors@gmail.com



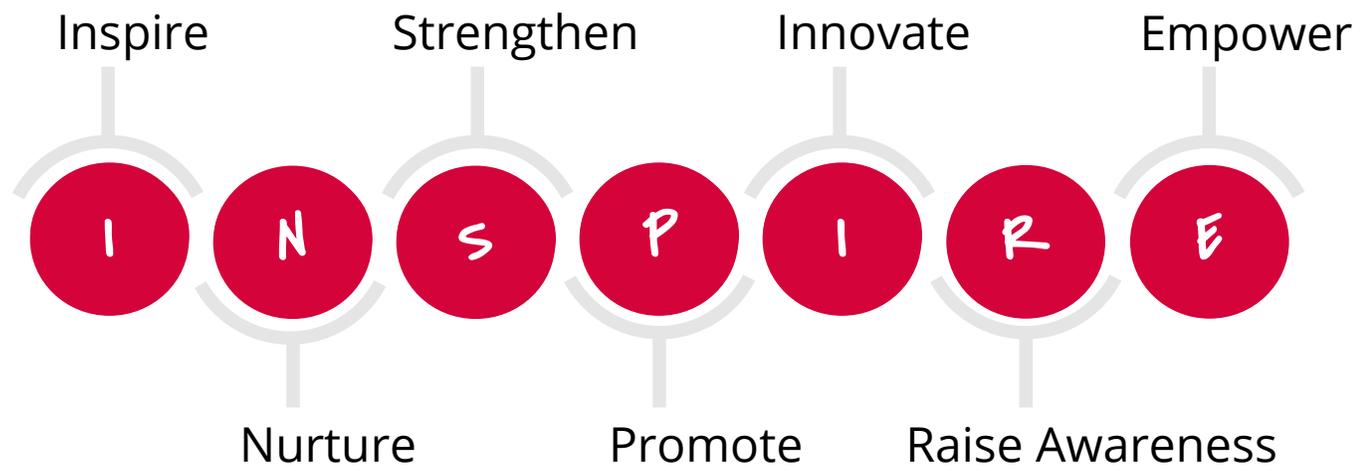
Our Vision

- 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.

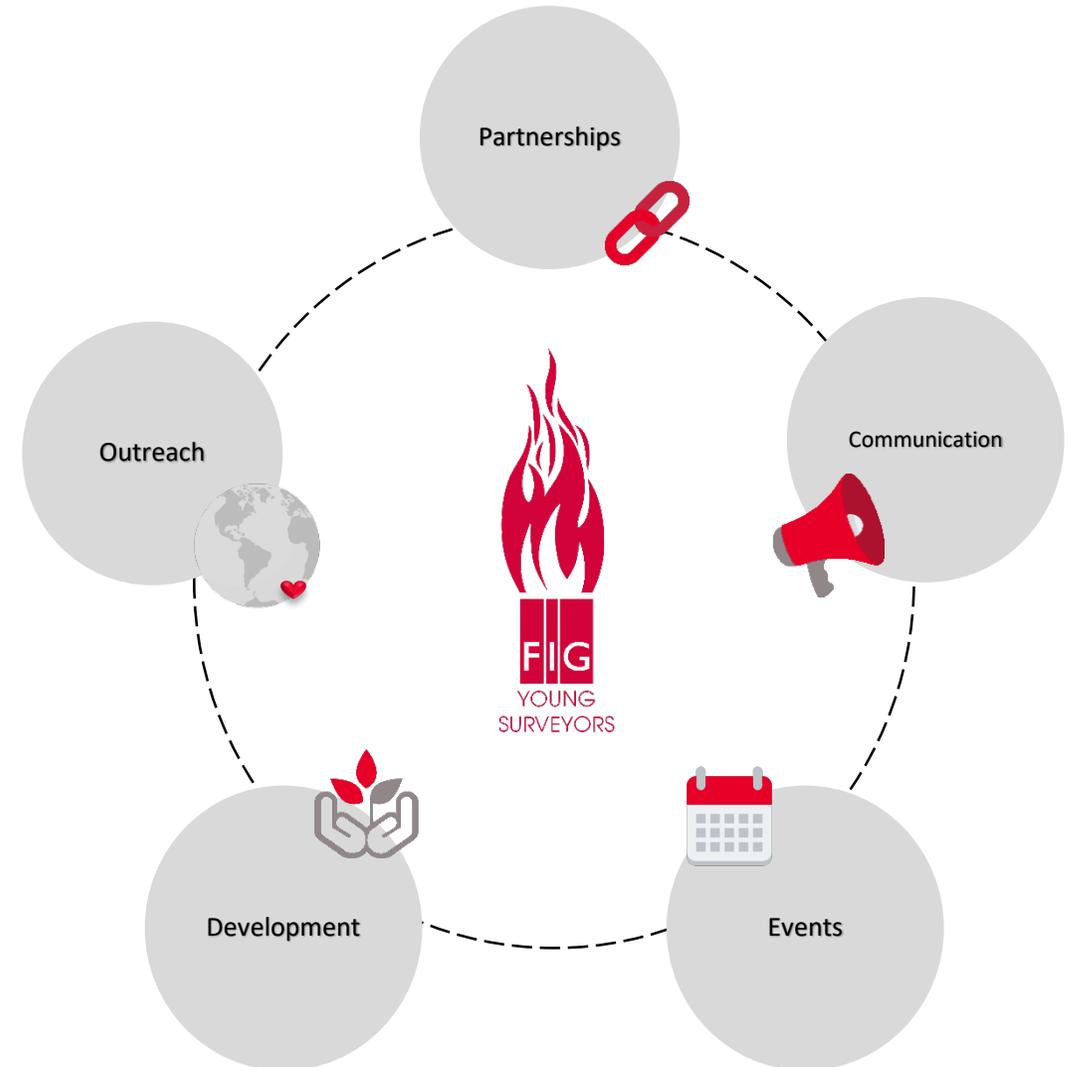


Our Vision



Our 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.





Partnerships

- Aim:
 - To create new and strengthen existing partnerships to develop, exchange information and meet global challenges.
- We will achieve this by:
 - FIG & FIG Commissions
 - Regional and National associations
 - NGO's
 - Corporate Businesses
 - Global and regional youth networks
 - Sister societies
 - Education Facilities



Partnerships

- **FIG Commissions**

- Collaborate and work with the FIG Commissions to achieve common goals.
- Involve Young Surveyors with the FIG Commissions.
- Encourage and support Young Surveyors in taking a dedicated and specific role in each commission.
- Ensure that Young Surveyors can contribute and participate in Commission Meetings
- Involve FIG Commission at Young Surveyors Events.



Working Group 2.3 – Learning Styles in Surveying Education

- **Joint working Group with Commission 2: Professional Education and FIG YSN**

- Contribute to a global report on surveying education written by Commission 2.
- Working Group 2.3 will contribute a chapter presenting the results of a survey/questionnaire of surveying students and the analysis of these results.

Education and learning is the key to success! We must invest and understand how individuals learn to have a lasting impact.



Working Group 3.6 - Geo-Next

- **Joint working Group with Commission 3: Spatial Information Management and FIG YSN**

- Geospatial Next (Geo Next) is an initiative to encourage Young Surveyors to participate in Commission 3.
- New generations, sharing knowledge on technology, social media, and adapting skills!
- The working group will focus on the “geo-spatial revolution and investigate how we as surveyors must adapt skills.

How can we prepare the surveying profession for the future? - start now!



Working Group 4.3 - Mapping the Plastic

- **Joint Working Group with Commission 4: Hydrography and FIG YSN**

- Contributing to the global #cleanseas campaign
- Focus on the dumping of plastics (and other waste) into major rivers, river systems and deltas at strategic locations around the world.
- Use geospatial information and technology to assist with decision making, and reduce plastic pollution in our oceans.
- Investigate geographic and demographic data, land use practices and river characteristics.

Our goal is to contribute our skills and knowledge to help solve global environmental problems.



Partnerships

• FIG Foundation

- Encourage and guide Young Surveyors to apply for grants and scholarships provided by the FIG Foundation.
- Involve FIG Foundation at Young Surveyors Events.
- Creation of a template for FIG Foundation Grant application.
- Creation of a template for event reporting.



Partnerships

• National and Regional Associations

- Raise awareness about the YSN within National and Regional associations.
- Raise awareness about National and Regional associates within the YSN.
- Work with the Council of European Geodetic Surveyors (CLGE) to represent and promote the Young Surveyors Network, as well as the interests of the geodetic surveying profession in the private and public sector of Europe.



Partnerships

• Non Governmental Organizations

- Facilitate and participate in trainings, workshops, conferences and meetings with NGOs.
- Build and strengthen existing partnerships and to contribute to the SDG's.
- Participation and collaboration with NGO Youth Networks.
- Research and continue to seek new opportunities for collaboration.





Communication

- Aim:
 - To improve communication and awareness of FIG and the FIG Young Surveyors Network via social media and other digital platforms.
- We will achieve this by:
 - Regular update of social media platforms and FIG Website to collect and share relevant information.
 - Regeneration of FIG Young Surveyors LinkedIn Page
 - Creation of a database of Young Surveyors to easily distribute and involve new Young Surveyors.
 - Profile Young Surveyors from around the world to promote regional networks and YSN ambassadors.
 - Participation in the FIG monthly newsletter.
 - Raise awareness on the power of social media for your professional career and networking.
 - Report and celebrate the success of the last 20 years of the FIG YSN (in 2021).





Events

- Aim:
 - To organize and help facilitate joint events with partners to connect attendees and promote FIG and the FIG YSN.
- We will achieve this by:
 - Review and update the Young Surveyors Events Toolkit (General Assembly Attendance, zero waste initiatives, hosting, buddy system)
 - Review the frequency and definition/structure of FIG YSN Conferences and Meetings.
 - Organize events in coordination with FIG Commissions and FIG Member associations
 - Collaborate with FIG Corporate Members to ensure participation and promotion of the FIG YSN.
 - Creation and update of the FIG YSN Events Calendar/Map
 - Facilitate and coordinate online events to educate and connect regional networks.



FIG Young Surveyors at the 4YSEM, Amsterdam, 2016



Development

- Aim:
 - To engage young surveyors to “Invest in Yourself” and provide resources to help with professional development.
- We will achieve this by:
 - Review and Update of the YSN Mentoring Toolkit
 - Use social media platforms to announce, share and promote professional development opportunities.
 - Encourage the development of “Soft Skills”
 - Build upon the “Invest in Yourself” Workshop during YSN meetings and conferences.





Outreach

- Aim:
 - To enable the Young Surveyors to be involved with volunteering and outreach projects to prepare young surveyors for the world (career and personal) by providing a unique perspective, and allowing them to connect, promote and share knowledge with others.
- We will achieve this by:
 - Volunteer Community Surveyor Program: Continue working with the VCSP partners to post Young Surveyors around the world on 1 month volunteering experiences.
 - Creation of a Volunteering Toolkit
 - Promote and participate in innovative initiatives to raise the profile of our profession.
 - Encourage Young Surveyors to participate and lead initiatives which contribute to sustainability.
 - Give back to our community and environment during YS Meetings.



FIG Young Surveyors Roadmap

2009

Upgraded to the FIG Young Surveyors Network
Operates at the same level as FIG Commissions.

Chair: Cecilia Linden, Sweden

2

START

2006

Established as Commission 1 Working Group: 1.2 Young Surveyors at the FIG Congress in Munich.

Chair: Cecilia Linden, Sweden

2011 - 2014

Highlights:

- 1st YSC, Rome
- 2nd YSC, KL
- Establishment of Regional Networks
- STDM Trainings for Trainers

Chair: Kate Fairlie, Australia
Secretary: Eva-Maria Unger, Austria

3

4

2015 - 2018

Highlights:

- 3rd YSC, Christchurch
- 4th YSC, Istanbul
- 1st YSN Africa Meeting
- Pilot of Volunteer Community Surveyor Program
- 1st Charity Event, Christchurch
- 3 Regional Network Meetings
- Policy changes to YS Term

Chair: Eva-Maria Unger, Austria
Vice Chairs: Paula Dijkstra, Netherlands & Melissa Harrington, New Zealand

5

2019 - 2020

Proposed Highlights:

- 5th YSC, Amsterdam
- Regional Meetings & Joint Events
- Volunteer Community Surveyor Program cont.
- Mapping the Plastic

Chair: Melissa Harrington, New Zealand
Vice Chair: Kwabena Asiamah, Ghana

TBC



FIG Young Surveyors Event Calendar

Join us in one of our upcoming meetings around the world!

YSN @ ESRI UC
July 8 - 12
San Diego, US

**6YSEM @
Geodecision**
October 11 - 12
Lisbon, PT

YSN @ Intergeo
September 17 - 19
Stuttgart, DE

IGSM
June 23- 29
Warsaw, PL

**3YSAP & FIG
Working Week 2019**
April 21- 26
Hanoi, VT

SEASC
August 15-18
Darwin, AU



@fig_young



FIG Young Surveyors



FIG Young Surveyors Network



www.fig.net/organization/network/ys



fig.youngsurveyors@gmail.com



FIG Young Surveyors Network Africa





FIG Young Surveyors Network Asia & the Pacific





FIG Young Surveyors Network Europe





FIG Young Surveyors Network North America





FIG Young Surveyors Network South America



Thank you!



Get on your next mapping adventure
www.pwatochere.com



IS TAN B
FIG Young Surveyors Conference

bms