





FIG



**GEOSPATIAL
INFORMATION
FOR A SMARTER LIFE
AND ENVIRONMENTAL RESILIENCE**



**FIG Young Surveyors Network
Asia & the Pacific**
THIRD REGIONAL MEETING

H A N O I
2019
21-22 APRIL



International
Federation of
Surveyors (FIG)



Vietnam Association of
Geodesy, Cartography
and Remote Sensing (VGCR)

John Hohol, President
FIG Foundation



FIG WORKING WEEK 2019
22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"





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

What is FIG?

*FIG was founded 141 years ago
18 July 1878 in Paris*

It is a federation of national associations
and is the only international body
that represents all surveying disciplines



Roma Sinfonietta performing the FIG fanfare
Parco della Musica
2012 FIG Working Week – Rome, Italy



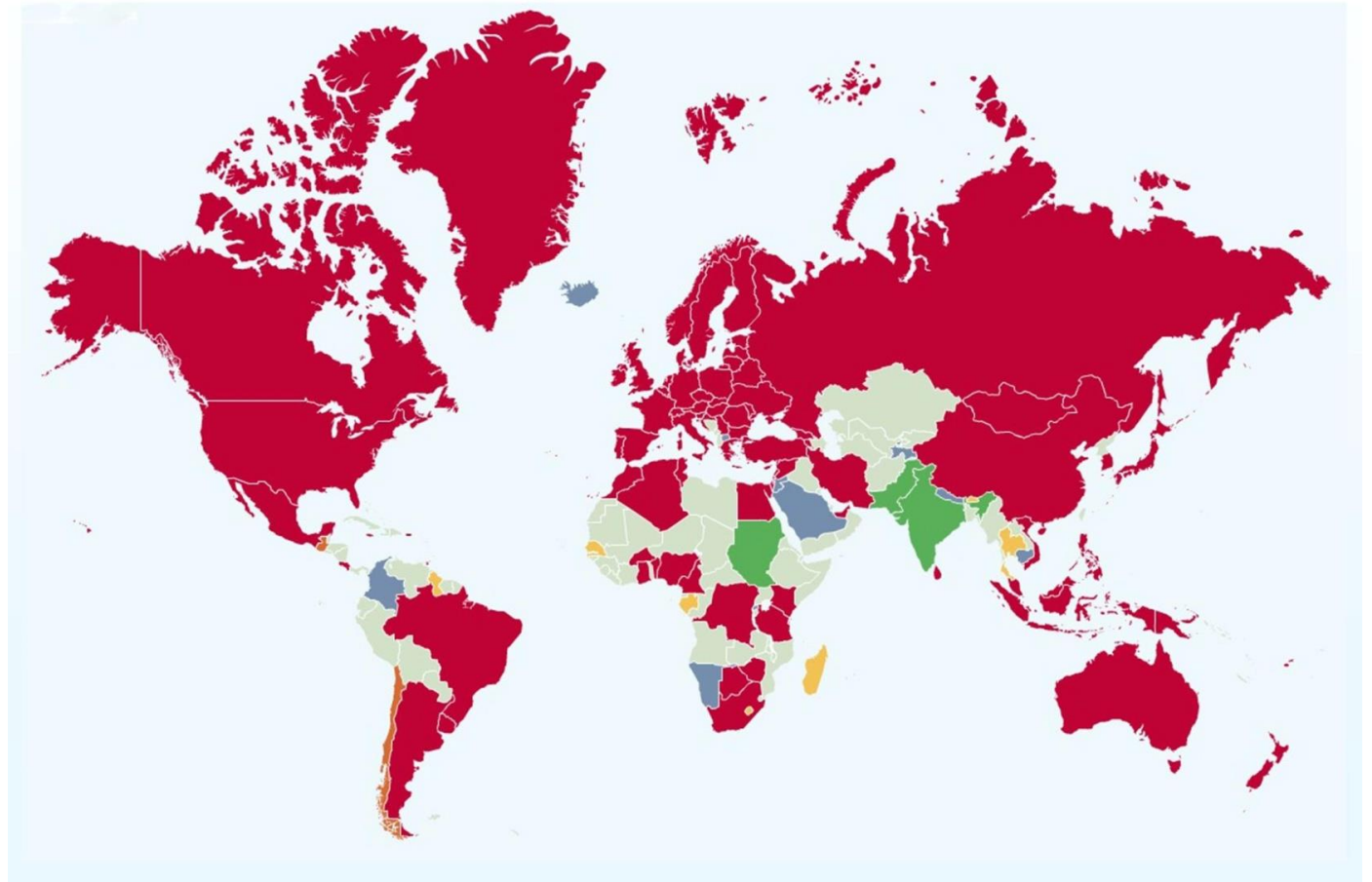
Remember it's F-I-G
(not Fig)



Fig is a fruit!



FIG
World Map
Representing
250,000+
surveyors
in over
120 countries





Ten commissions lead FIG's technical work

Each member association appoints
a delegate to each of the commissions

Detailed information on the
work of the commissions
can be found at

www.fig.net/organisation/comm



FIG's Ten Technical Commissions:

COMMISSION 1- Professional Practice

COMMISSION 2- Professional Education

COMMISSION 3- Spatial Information Management

COMMISSION 4- Hydrography

COMMISSION 5- Positioning and Measurement

COMMISSION 6- Engineering Surveyors

COMMISSION 7- Cadastre and Land Management

COMMISSION 8- Spatial Planning and Development

COMMISSION 9- Valuation and the Management of Real Estate

COMMISSION 10- Construction Economics and Management

Young Surveyors can participate in FIG activities and are invited and encouraged to become involved in any of FIG's ten commissions where its technical work is done



www.fig.net/organisation/comm



FIG has many resources available at no charge:

- **FIG Surveyors Reference Library**
- 74 FIG Publications and others (UN/World Bank/JB GIS/FAO)
- Proceedings from FIG Congresses, Working Weeks, Conferences
- Articles about FIG in major publications
- FIG Article of the Month
- FIG e-newsletter



Two new FIG publications in 2019



New Trends in Geospatial Information:
**The Land Surveyors Role
in the Era of Crowdsourcing and VGI**



CURRENT STATE AND PRACTICES WITHIN
THE LAND SURVEYING, MAPPING AND GEO-SCIENCE COMMUNITIES
FIG Commission 3



**Cost Effective Precise Positioning
with GNSS**

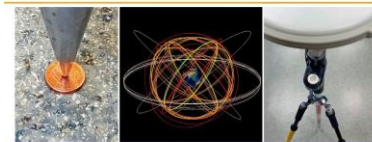


FIG Commission 5



FIG RESOURCES

This section comprises different types of publications by FIG in different kind of media, such as PDF versions of printed papers, links to articles published in magazines, press releases related to the work of the Federation and information material including leaflets.

www.fig.net/resources



**It's been said countless times...
but it's still true!**

A critical time for FIG and surveyors

**Average age of a surveyor worldwide = 54 years old
(Average age of a surveyor in America is 57 years old!!!)**

***Young surveyors represent the
future survivability of
the surveying profession***





The FIG Foundation is an independent body under the
International Federation of Surveyors

The Foundation was established for the purpose
of raising funds to finance
surveying education, development projects
and supporting young surveyors
in order to build a sustainable future

*The Foundation is administered by the FIG Office in Copenhagen and directed by
a Board of Directors appointed by the FIG Council*



The focus of the FIG Foundation is to build a sustainable future through six directives including:

6- To support by seed funding conferences, **meetings of young surveyors** and similar events in co-operation with international agencies such as the United Nations

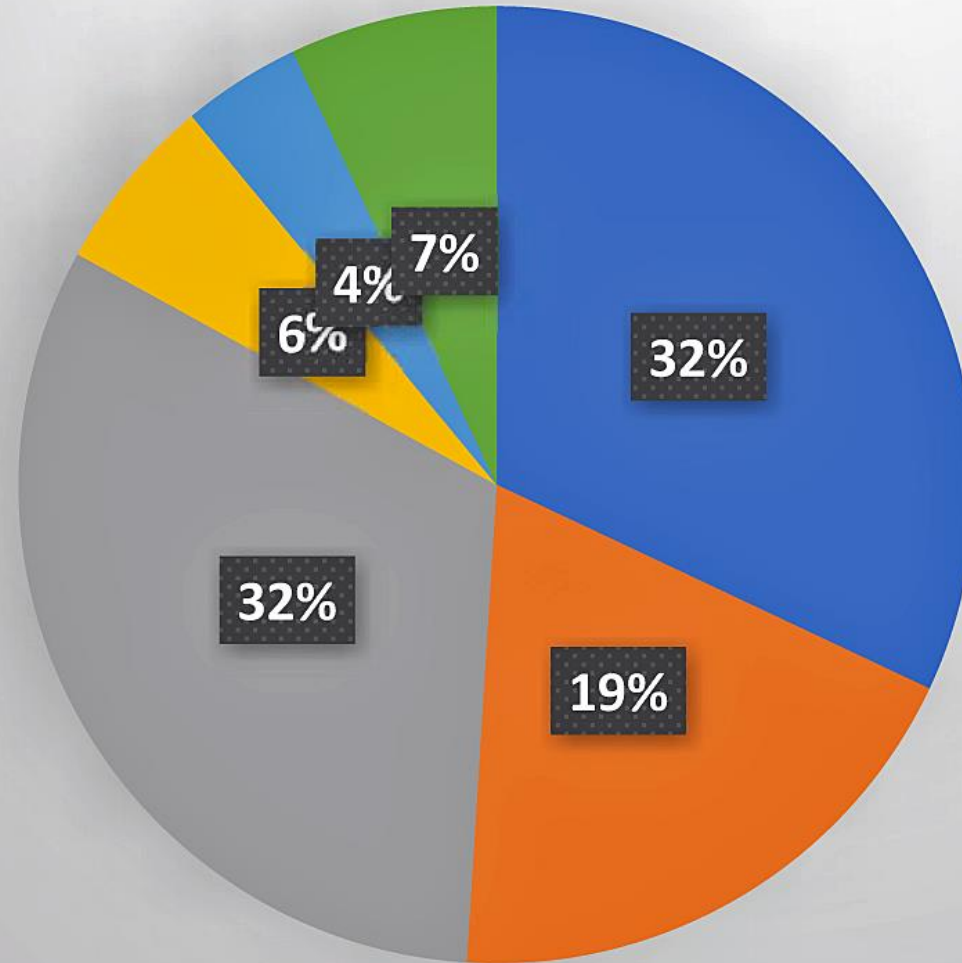


The FIG Foundation
has supported young surveyors
since the establishment of the
FIG Young Surveyors Network in 2006
awarding 127 grants totaling over €285,000

Celebrating 13 years of support!

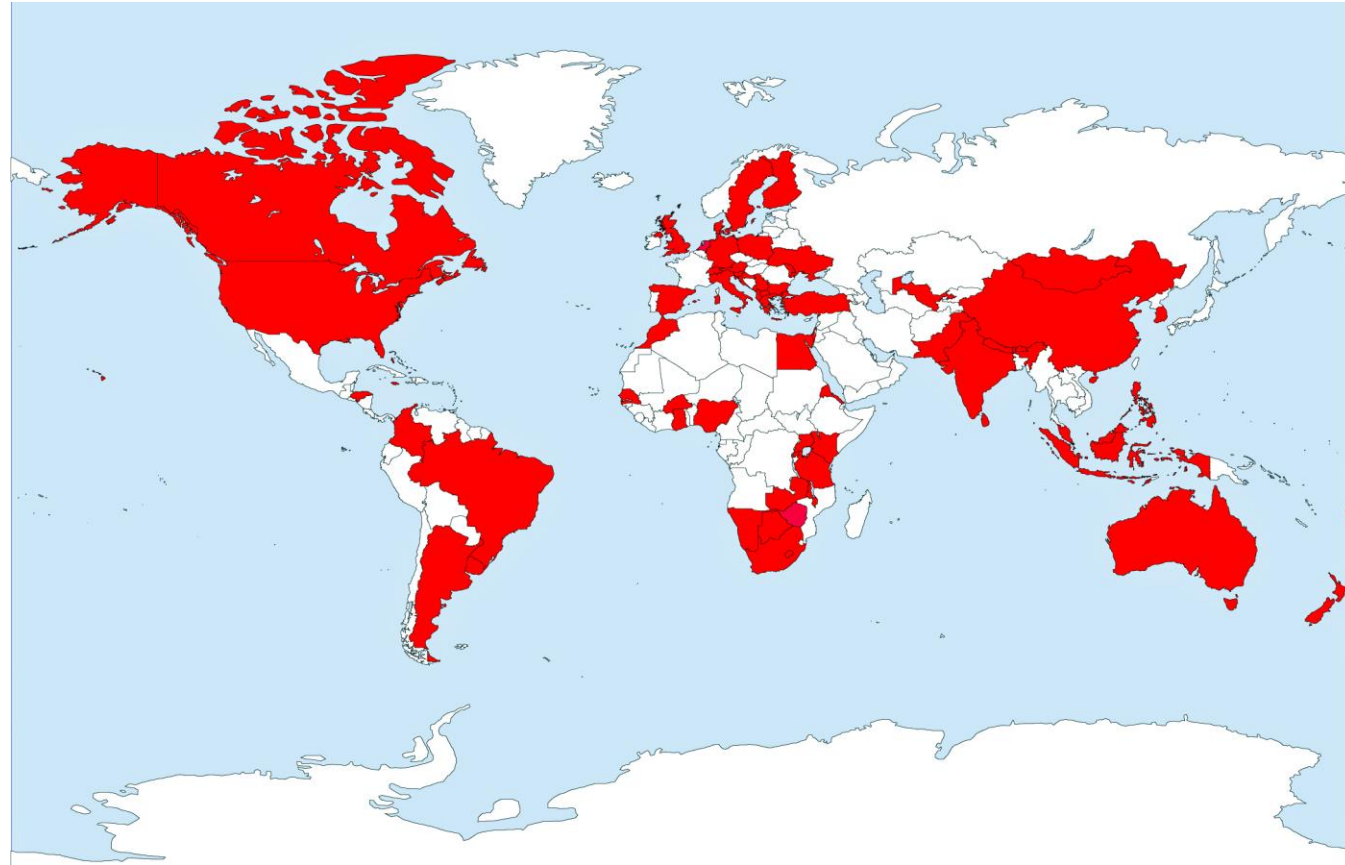


FIG Foundation Grants 2002-2018



- Africa
- Asia
- Europe
- Oceania
- North America
- South America

Distribution of FIG Foundation Grants 2002 - 2018





Distribution of FIG Foundation Grants

AFRICA

Botswana
Cameroon
Egypt
Eritrea
Ghana
Kenya
Lesotho
Malawi
Morocco
Namibia
Nigeria
Rwanda
South Africa
Tanzania
Uganda
Zambia
Zimbabwe

AMERICAS

Argentina
Bahamas
Brazil
Canada
Colombia
Costa Rica
Honduras
Jamaica
St. Vincent
Uruguay
USA

ASIA

China
India
Indonesia
Israel
Japan
Malaysia
Mongolia
Nepal
Pakistan
Philippines
South Korea
Sri Lanka
Turkey
Uzbekistan
Vietnam

EUROPE

Albania
Austria
Bulgaria
Croatia
Denmark
Finland
Germany
Greece
Italy
Macedonia
Moldova
Montenegro
Netherlands
Poland
Serbia
Slovenia
Spain
Sweden
Switzerland
Ukraine
United Kingdom

OCEANIA

Australia
Fiji
New Zealand

* 2018





**4 Young Surveyors
received grants from the FIG Foundation
to participate in the
3rd FIG Young Surveyors Network
Asia & Pacific Meeting**



**Annika Avila (Philippines)
Romina Leiva (Argentina)
Ogochukwu Izuegbu (Nigeria)
Ruth Trujillo (United States)**



**A BIG THANK YOU to
Cromwell Manaloto
And
Kwabena 'KB' Asiamama**



**for helping collect and organize applications received for the
3rd FIG Young Surveyors Network Asia & Pacific Meeting**





**Congratulations to the FIG Foundation Grant Recipients
for the 3rd FIG Young Surveyors Asia and the Pacific
Meeting and the 2019 FIG Working Week!!!
*Annika Avila (Philippines), Romina Leiva (Argentina),
Ogochukwu Izuegbu (Nigeria) and Ruth Trujillo (USA)***



Some young surveyor activities supported by the FIG Foundation 2011-2018

3rd FIG Young Surveyors European Meeting - Sofia, Bulgaria



2013 FIG Working Week Abuja, Nigeria



XXV FIG Congress Kuala Lumpur, Malaysia



XXVI FIG Congress Istanbul, Turkey



X Congreso Nacional y VII Internacional de Topografía Bogotá, Colombia



1st FIG Young Surveyors North American Meeting San Diego, California USA



6th World Urban Forum Naples, Italy



2nd FIG Young Surveyors European Meeting Berlin, Germany



2nd FIG Young Surveyors North American Meeting Minneapolis, Minnesota USA



2nd FIG Young Surveyors Conference Kuala Lumpur, Malaysia



4th FIG Young Surveyors Conference Istanbul, Turkey



1st FIG Young Surveyors Conference Rome, Italy



STDM Training Kuala Lumpur, Malaysia



XIV Congreso Internacional de Topografía, Catastro, Geodesia y Geomática San José, Costa Rica



8th FIG Regional Conference Montevideo, Uruguay



FIG Pacific Small Island Developing States Symposium Suva, Fiji



2nd FIG Young Surveyors Asian-Pacific Meeting Tokyo, Japan



1st FIG Young Surveyors European Meeting Lisbon, Portugal



IV International Training Course in Topography for Young Surveyors Madrid, Spain



5th Young Surveyors Meeting Santa Fe, Argentina



V International Training Course in Topography for Young Surveyors Lisbon, Portugal



FIG Africa Task Force Land Professionals Workshop Elmina, Ghana





FIG Foundation Board of Directors (2018)

John Hohol (USA), President

Mike Barry (Canada), Director

Orhan Ercan (Turkey), Director

Winnie Shiu (China), Director

Daniel Steudler (Switzerland), Director



FIG Young Surveyors Network Chairs

Melissa Harrington
(USA)
2019-2020



Eva-Maria Unger
(Austria)
2015-2018



Kate Fairlie
(Australia)
2011-2014



Cecilia Lindén
(Sweden)
2007-2010



The screenshot shows the FIG Young Surveyors Network website. At the top, there is the FIG logo and the full name of the organization in three languages: International Federation of Surveyors, Fédération internationale des Géomètres, and Internationale Vereinigung der Vermessungsingenieure. A navigation menu includes Home, News, Organisation, Members, Resources, Partners, Foundation, Events, and About FIG. Below the menu, there is a breadcrumb trail: Home > Organisation > Networks > Young Surveyors Network. The main heading is 'FIG Young Surveyors Network' with a background image of a mountain landscape. Below this, there is a video player showing a group photo of the network members. To the right, there is an 'Officers' section with photos and names of Eva-Maria Unger (Austria) and Paula Dijkstra (The Netherlands). Below that is an 'Upcoming Events' section with a world map showing event locations and a 'More information' link. At the bottom, there are sections for 'Work plan' and 'FIG Regional Networks'. A sidebar on the right contains a 'General' menu with options like Regional Capacity Development Network, Standards Network, and Young Surveyors Network (which is expanded to show General, Work Plan, Activities, Regional Networks, and terms 2011-2014 and 2007-2010).



www.fig.net/figfoundation

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

Google Custom Search

Home News Organisation Members Resources Partners Foundation Events About FIG Highlights

FIG Foundation 2018 Research Grants 2018 PhD Scholarship The recipients List of Donators How to contribute Contacts

Home > FIG Foundation Share

FIG Foundation - Building a Sustainable Future

THE FIG FOUNDATION

- BUILDING A SUSTAINABLE FUTURE

The FIG Foundation will build a sustainable future:

- To give grants and scholarships to projects, for instance to develop curricula for surveying education, training and capacity building, especially in developing countries;
- To encourage research into all disciplines of surveying and to disseminate the results of that research;
- To promote high standards of education and training for surveyors and to facilitate continuing professional development;
- To educate people in the disciplines of surveying, particularly in developing countries and countries in transition;
- To promote the use of distance learning, networking, eLearning and knowledge management in surveying education and continuing professional development;
- To promote the exchange of surveying personnel for greater understanding of all facets of the profession of surveying;
- To support by seed funding conferences, meetings of young surveyors and similar events in co-operation with international agencies such as the United Nations.

FIG Foundation President

John Hohol, USA

Grants

Application for 2018 FIG Foundation PhD Scholarships

Application for 2018 FIG Foundation Academic Research Grants

Charter Partner

FIG Foundation Charter Partner

FIG Foundation

What is FIG Foundation?

History of FIG Foundation

Board of Directors

Grants & Fellowship

Statutes

Reports



www.fig.net



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



Google Custom Search

Home News Organisation Members Resources Partners Foundation Events About FIG

Highlights

Share



Most Recent News



Report on the Technical Seminar on Reference Frames in Practice

The Seminar was held in Istanbul on 4-5 May 2018. The main focus was on reference frames in general, kinematics and dynamic datums which refle...



'Valuation of Unregistered Lands : A Policy Guide' - publication

'Valuation of Unregistered Lands : A Policy Guide' is based on internationally recognized GLTN's continuum of land rights framework and aims t...



FIG General Assembly 2018

The FIG General Assembly was held 6 and 11 May 2018 with a record number of delegates and members represented. At the General Assembly there were elections of President, Vice Presidents, Commi...



FIG Congress 2018 -Istanbul, Turkey

The large 4-year FIG Event - the FIG Congress 2018 was held 6-11 May 2018 with a total of 2300 national and international participants.

FIG Platinum Members



FIG Young Surveyors

...is an international network of young surveyors. Want to join? Click here to become active.



FIG Newsletter

The February/March 2018 issue Download...
Previous newsletters
Subscribe to Newsletter

FIG represents the interests of surveyors worldwide

FIG is a United Nations and World Bank recognized non-governmental organization of national member associations and other affiliated members from over 120 countries, and covers the whole range of professional fields within the global surveying community, hereunder surveying, cadastre, valuation, national mapping professionals, geodesy, geospatial experts and quantity surveyors. It provides an international forum for discussion and development aiming to promote professional practice and standards.

Major FIG Conferences

FIG Congress 2018



6-11 May 2018,
Istanbul, Turkey
www.fig.net/fig2018

PROCEEDINGS

FIG Working Week 2019



22-26 April 2019
Hanoi, Vietnam
www.fig.net/fig2019

FIG WORKING WEEK 2017



www.fig.net/fig2017



Upcoming FIG Conferences

2020 FIG Working Week- Amsterdam, The Netherlands, 10-14 May



2021 FIG Working Week- Accra, Ghana, 24-28 May





Thank you
for
Giving Back!



THE FIG FOUNDATION



3rd FIG Young Surveyors Asia Pacific Meeting

Special Event

Charity
Dance



Monday 22nd April 16:30 Vietnam National Convention Center (NCC)

Beneficiaries:



THE FIG
FOUNDATION



Organized by:



Proudly sponsored by:



Sneak Peak!
Smart Cities
New York
Poster
Released: May, 2019



WE USE SURVEYING AND MAPPING TO FIND MINERALS AND ROCKS, ON OR UNDER THE EARTH'S SURFACE. WE NEED TO KNOW HOW MUCH MATERIAL IS PRESENT AND HOW BEST TO MINE IT.

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FIND IT...

1. What is a mobile lidar system?
2. How many mobile lidar systems can you find?
3. Look at the compass and discuss which direction the mobile lidar vehicles are heading?
4. Can you find any mobile lidar systems in the air? How many are there?
5. Which surveyor is measuring the size of the hole for the UFO?
6. What are the surveyors doing behind the asphalt (lamarci) machine?
7. Find Sir-Scan-Allot - he can type on several computers at once. Why?
8. Which scanning system is looking under the street?
9. Find Elaine in her turquoise jacket, what is she measuring with her laser rangefinder?
10. Find Captain Alice. What is she showing everyone?

Find the answers at www.getkidsintosurvey.com

Our awesome sponsors, helping us to build #GetKidsIntoSurvey Globally!



Elaine's mission! To raise standards within the geospatial industry globally by giving surveyors through to manufacturers a dedicated resource for business, sales, marketing and strategic communications and to encourage, excite and educate the next generation of surveyors. Visit www.getkidsintosurvey.com



*All the best for a
Successful meeting!*

FIG
International Federation of Surveyors (FIG)

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Young Surveyors Network
Asia & the Pacific
THIRD REGIONAL MEETING

HANOI
2019
21-22 APRIL

FIG
International Federation of Surveyors (FIG)

VGCN
Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCN)