



Professional Development

Don't hesitate and get involved! Everybody is welcome and we are always looking forward to broaden our Network!

You can find us on:
Facebook:
FIG Young Surveyors

LinkedIn:
FIG Young Surveyors Network

Twitter:
@FIG_Young

E-Mail:
fig.youngsurveyors@gmail.com

Upcoming Events

• XXII ISPRS 2012 Congress

24. August – 3. September in Melbourne, AUSTRALIA

• World Urban Forum 6

1. September – 7. September in Naples, ITALY

Sixth session of the World Urban Forum organized by UN HABITAT.

• FIG Commission 9 Workshop

14. September – 16. September in Paphos, REPUBLIC OF CYPRUS

International Workshop on Mass Appraisal Systems at Neapolis University

• 4th International Training Course for Young Surveyors

16. September – 30. September in Madrid, SPAIN

Co-organised by Consiglio Nazionale Geometri e Geometri Laureati, Geoweb and COIT

Topografía Madrid Association

• FIG Commissions 5, 6 Workshop

18. September – 19. September in Almaty, KAZAHKSTAN

Technologies for an Efficient Geospatial Management of Earth Resources

• International Seminar on State and Land Management in Transitional Countries

20. September – 21. September in Budapest, HUNGARY

Issues and Ways Forward, Organised by FIG Commission 7 and FAO.

• FIG Commission 2 International Workshop

26. September – 28. September in Moscow, RUSSIA

“Global trends and convergence in Surveying Education” Organised by FIG Commission 2 and

Moscow State University of Geodesy and Cartography, Economics and Land Management Faculty

• INTERGEO

9. October – 11. October in Hannover, GERMANY

Conference and trade fair for geodesy, geo information and land management

• 8th FIG Regional Conference

26. November – 29. November in Montevideo, URUGUAY

organized by Asociación de Agrimensores del Uruguay AAU & FIG

more details at: www.fig.net/fig2012



ISSUE

02

AUGUST
2012

FIG Young
Surveyors
Network
Newsletter

FIG YSN

Editors Report

Dear Colleagues & Friends,

I had a big smile when preparing this newsletter and thinking back on our First FIG Young Surveyors Conference in Rome. It was a success and it was inspiring meeting more highly motivated YS. Looking forward to a great TEAMWORK!

Happy Surveying & Enjoy reading the Newsletter

Eva-Maria Unger

Excerpts from the Conference

“All those YOUNG STARS, (Love to call you so) from all around the world, from all cultures, races, histories. Writing a new vision inside FIG for a Brilliant Future.”

Jaacoub Saade

FIG Commission 1 Past-Chair

“Stop requesting, Start sharing”

Bessie Liu

We are all stars ★



Eva-Maria Unger & Kate Fairlie

this issue

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1st FIG Young Surveyors Conference, Rome IT

May 2012 saw the Inaugural FIG Young Surveyors Conference held alongside the FIG Working Week in Rome.

More than 120 young surveyors joined this two-day event over 4-5th May - representing over 40 countries! This international coverage was particularly impressive given that nearly three-quarters of those attending had never been to an FIG event before! Special thanks are in order to the professional bodies, employers and universities who sponsored the attendance of over two thirds of those participating. The remaining third of participants paid their own way there – so thanks also to these individuals who recognized the value of having their say in an international forum. Many of those attending continued on to the FIG Working Week, which boasted an attendance of over 2000 delegates!

In this issue of our newsletter, we'll report the findings of the Young Surveyors Conference. You'll also hear from some of our attendees – in particular, the four lucky winners of the FIG Foundation Young Surveyor Fellowship, who were sponsored by the FIG Foundation to attend.

I hope you enjoy this newsletter – please feel free to contribute your own articles, or any feedback to the FIG Young Surveyors via fig.youngsurveyors@gmail.com or our Facebook page: “FIG Young Surveyors”.

I look forward to hearing from you, or perhaps meeting you at our next event!

What was it all about?

The FIG Young Surveyors Network was created out of concerns about the lack of young surveyor participation in professional bodies. Key aims of the Network include

- To improve the number of young professionals participating within the FIG.
- To help young professionals in the beginning of their careers with contacts.
- To increase co-operation between the commissions and the students and young professionals network.

For the conference, the ambition was threefold:

1. to promote and increase participation in the FIG Commissions
2. to provide a voice for young surveyors within the FIG
3. to offer a more informal and relaxed platform for young surveyors to present

Read on for the findings ... !

All the best!

Kate Fairlie, Chair FIG YSN

YS around the World...



Carmen Tong

Land/Engineer Surveyor Internship at Costain

"I want to help spread the awareness of the amazing works and benefits of what FIG and FIG Young Surveyors Network (FIG YSN) has already opened up to me. And in return that many of you will read this and feel motivated to find out more yourself and take up opportunities like this, that I have had made available to me."

...For international networking events like this, myself as a student with low budget and having to fit it into term time schedule is difficult to attend, however I would absolutely recommend others to take some time into planning and organizing such trip to attend, you will gain and develop incredible and different experiences along with furthering your horizons.

More details on:

<http://mag.digitalpc.co.uk/fvx/ces/1207/?pn=34>



LUCKY ONES FIG Foundation Fellowship Award Winners

4 Young Surveyors from developing countries won the FIG Fellowship to attend the events in Rome

The 2012 FIG Working Week was held in Rome, Italy, was the first FIG Working Week hosted an additional Young Surveyors Conference immediately prior to the main Working Week events. The aim of the additional young surveyor sessions was to further the network of young surveyors internationally, to introduce young surveyors to the wider Working Week, and to learn more of the young surveyor vision for the future of the FIG.

FIG Foundation has decided to cover up to four (4) Fellowships, to cover the costs of travel, accommodation during the FIG Young Surveyors Conference and FIG Working Week and conference registration. Fellowships included attendance at the FIG Foundation Dinner, the FIG Gala Dinner and Commission dinner. Here are the four lucky Fellowships:



Aliona Scutelnic

young surveyor from Chisinau, Moldova

First of all I would like to say THANK YOU VERY MUCH for this opportunity the FIG Foundation gave me to come to Rome and to be one of the selected Fellowships!

Thanks especially to the President of FIG Foundation John Hohol and to my dear Greece Professor, Vice President of FIG Dr. Chryssy Potsiou. I enjoyed and I appreciate very much!!!

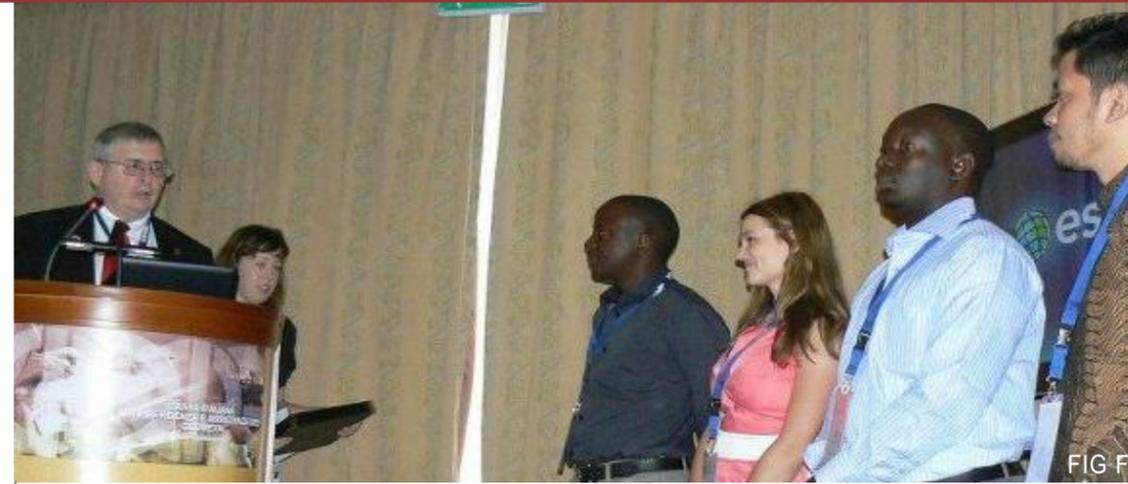
It was much better than I expected! Thank You for organizing the First Young Surveyors Conference! Opinion and Idea sharing, working in teams - that was Great!

I liked very much the work in groups, it was a really international one, we answer at the question number 2: The FIG and member associations can best support young surveyors by:... Proud of our Chair Kate Fairlie who organized and helped us in everything! During the Working Week we also had to make a hard choice, which commission to attend, which presentations to follow. A lot of interesting things happened at the

"As it was for the first time I can say that it was AMAZING!"

Trimble organized for us a "Trimble Cap Contest" with a worth prize, we were all active and happy!

FIG Foundation Gala Dinner I danced and I sang on the Floor "No women, No Cry"- such a memories can no one take away! Wonderful location, perfect atmosphere and Great People! As a fellowship I want to encourage young surveyors from all over the world to apply to win and to enjoy Events like this!



Ronald Ssengendo

young surveyor from Kampala, Uganda

FIG Young Surveyors Working week 2012- a wonderful networking opportunity.

My participation in the 1st ever FIG Young surveyors working week was such a wonderful and rewarding experience. I was one of the four FIG Foundation Fellows sponsored to attend both the Young Surveyors and the full working week. I arrived in Rome on 3rd May and quickly settled in at Hotel Cicerone. My highlight in Rome was when I presented my experiences as a young surveyor from a developing country. It was my first opportunity to present to a room full of surveyors from all over the world, although I was nervous at first but as the presentation went along I felt lucky to be able to present to such an audience. During the Full FIG working week, I attend a number of sessions especially those of FIG commissions 5 and 6.

Most of the papers presented were very informative and rich in content. But it was not all work, we had wonderful social functions. My most memorable were the Young Surveyors dinner sponsored by Trimble and the FIG Foundation dinner where we ate, drank and finally danced to nice Italian music up to 2:00 am. We also had an opportunity to tour the impressive Vatican City. Overall, Rome was truly an amazing experience for me and I am grateful to Katie, Eve and especially the FIG Foundation for sponsoring my participation in the working week. Hope to see you guys in Abuja 2013 and the next young surveyors' conference in Kuala Lumpur 2014.

Quick Info about...



The FIG Foundation

... is established under the International Federation of Surveyors (FIG) which is registered under Danish legislation in Denmark. The purpose of the Foundation is the funding of educational and capacity building projects and scholarships.

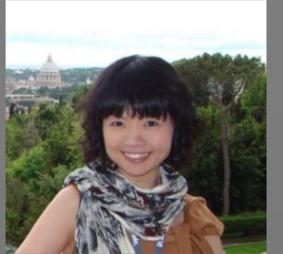
The objects are:

- To give grants and scholarships to projects
- To encourage research into all disciplines of surveying

- 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.

more details on: www.fig.net/figfoundation

YS around the World...



Bessie Liu

YSG Honorary Secretary Hong Kong

Let's be an engine of our profession!

During the Conference, I was encouraged to think about how the surveyor's profession can proceed in the future, to explore strategic foresight methodologies that could be taken today to prepare for the future, to enthuse about planting the seeds of my ideas, and to share these ideas with both local and international colleagues. The Young Surveyors Network is a useful platform for us to link with surveyors from different countries and promote the surveying profession in Hong Kong. Through the Network, I shared how the YSG helps young surveyors grasp the latest developments in their professional competencies, and extend the professional image of our institute to the community. After this discussion, most of the surveyors from the developing countries expressed an admiration for the young surveyors from Hong Kong and their well-developed Young Surveyors Group.

More details on:

http://www.hkis.org.hk/en/st/ST_2012/201205/2012st05_5g_ysg.pdf

YS around the World...



Mahesh Thapa

Young Surveyor from Kathmandu, Nepal

Hi, I am Mahesh Thapa from Nepal. I am a Geomatics engineer by profession. I graduated from Kathmandu University in 2011. I recently joined Department of Survey as a Survey Officer. It is quite an opportunity to join such a prestigious government job.

Well, it must be the right career choice of putting a tick on the box of Geomatics Engineer that I have such a wonderful opportunity.

Besides my usual job, I work for fostering the field of Geoinformatics in Nepal which is at its primordial stage but growing rapidly. The use of internet technology has been specially helpful for this.

My future plan is to focus on Bathymetric Mapping of Lakes that is quite neglected in Nepal as well as in most other countries. In the mean time, I would always be active in promoting Geospatial science among the young generation.

LUCKY ONES continue...

FIG Fellowship Award Winners



Allan Luther Matontu

young surveyor from Dar es Salaam, Tanzania

My name is Allan-Luther Matontu. I am a Tanzanian Young Surveyor holding a Bsc degree in Geomatics from the University of Dar Es Salaam-Tanzania.

Since my graduation in the 2006 I have been working as the Engineering Surveyor for projects that involve Feasibility Studies and Detailed Engineering Designs of Roads, Airports, Railways, Harbours, Irrigation canals, power lines as well as Supervision of setting out works during construction works so as to ensure that the construction works are done in according to the standards and specifications.

In May 2012 I received a scholarship to attend and to participate in the FIG Young Surveyors Conference and the Working Week in Rome, Italy. In the working week I was impressed with all Technical sessions and mostly the Engineering and GNSS Technology sessions.

Really I explored a lot in these sessions as a number of technical papers and research papers were presented. Now through these papers I have acquired new knowledge and skills. Also I have made new connections with several Surveyors through FIG and as a result today my level of profession has really uplifted.

Social wise I like to interact with people especially professionals, making new connections with people as well as communicating with people.

My ambition is to become an internationally recognized Surveyor who will serve the people in the field of Surveying for the betterment of their life.



Rizqi Abdulharis,

young surveyor from Bandung, Indonesia

I can't stop thanking FIG Foundation and FIG Young Surveyors Network for granting me not only the fellowship to attend the 1st ever FIG Young Surveyors Conference and FIG Working Week 2012 in Rome but also the opportunity to be among young surveyors from around the World to share our passion and to declare our vision on the future of our profession. Most importantly, I was glad to find that the young surveyors are full of enthusiasm and ready for action for not only sustaining our

future but also making the World a better place. I also enjoyed FIG Working Week 2012 as it was the perfect occasion to exchange and put respect to knowledge enormous supports from our established surveyors. Another important lesson from my stay in Rome was that hard work and serious thinking could always be combined with the fun, and the fun was there everywhere I went. I had fun in all formal and informal events of FIG Young Surveyors Conference and FIG Working Week 2012, which has been motivating me to perform better. I am expecting that there would be more young surveyors experiencing the future FIG Young Surveyors Conferences and FIG Working Weeks and, together with me, having fun with our profession for the sake of humanity.

Quick Info about...



Organised jointly by UN-Habitat, the Government of Italy, the Campania Region and the City of Naples, the theme for this year's meeting is The Urban Future. Over 3,000 participants from 114 countries have already registered for the premier conference on cities and urban issues

The four focus areas for discussion are:

- Urban Planning: Institutions and Regulations
- Equity and Prosperity: Distribution of Wealth and Opportunities
- Productive Cities: Competitive and Innovative Cities
- Urban Mobility, Energy & Environment

... more information in the next Newsletter

You want to serve an INTERNATIONAL INTERNSHIP



Paula Dijkstra

Coordinator Back Office @ Kadaster International Netherlands

One of the outcomes of the first FIG Young Surveyors Conference is to support and promote international internships to exchange knowledge about the surveying profession.

You can have several reasons to go on an internship:

- Learn about your job in another culture
- Learn from processes and products to benefit the development of your own organisation
- Exchange and share information with another (young) professional
- Increase your skills on personal and professional level
- Experience working in another company

To facilitate the support for internships the Young Surveyors Network created a document to help surveyors to arrange their internship.

<https://docs.google.com/document/d/1QPibNz0HzveUErNjPpk6SIyuXa8IF0YiPeaoKU3DQm0/edit>

You can share your experiences by following this link:

<https://docs.google.com/spreadsheets/viewform?formkey=dGc0UkdaZS1vSkZWbUYxa1FZakJ1cIE6MQ#gid=0>

Have you already worked abroad as an intern or exchange student? Please share your experiences! By knowing your experiences, recommendations and lessons learned we can support future internships better and give more people this experience.

The more we share, the more we learn!!!





GLTN
GLOBAL LAND TOOL NETWORK

Who they are...

The Global Land Tool Network (GLTN) is an alliance of global regional and national partners contributing to poverty alleviation through land reform, improved land management and security of tenure particularly through the development and dissemination of pro-poor and gender-sensitive land tools.

What they do...

Secure land tenure and property rights are fundamental to shelter and livelihoods as well as the realisation of human rights, poverty reduction, economic prosperity and sustainable development.

The Global Land Tool Network (GLTN) main objective therefore is to contribute to poverty alleviation and the Millennium Development Goals through land reform, improved land management and security of tenure.

UN-Habitat through GLTN continues to work towards this with partners who include international civil society organizations, international finance institutions, international research and training institutions, donors and professional bodies.

Why...

Most developing countries use conventional land administration systems which cover less than 30 per cent of the country, leaving up to 70 per cent of citizens looking to informal and/ or customary approaches for their tenure security.

While there are many examples of good land policies, there are few policies that have been fully implemented due to lack of pro-poor, gender-sensitive and large scale land tools. Further, conventional land titling approaches have largely failed to deliver their expected results since existing technical solutions are too expensive, inappropriate for the range of tenure found in developing countries, unsustainable financially or in terms of available capacity, and instead a range of land tenure options is more appropriate.

more information: www.gltn.net

Global Land Tool Network (GLTN) Training Workshop on How to do a Gender Land Evaluation

Held on 20th and 21st JUNE 2012 AT TANA SUITES IN GIGIRI, NAIROBI KENYA

The theme of the workshop held June 20th and 21st 2012 was training the participants on how to do a gender land evaluation. The participants were trained on how to do a gender balanced evaluation criteria of a land tool. A tool in this case means anything that is related to land and the management of land in the legislative systems. In this context, an example of a land tool would be a land policy, or any legislative piece that is tailored to guide the management and any land related operations. The two day workshop was organised by Global Land Tools Network (GLTN) in partnership with UN-HABITAT (the United Nations Human Settlements Program), the International Land Coalition (ILC), and the International Federation of Surveyors (FIG) and was held at Gigiri in Nairobi. The workshop brought together land professionals from across Kenya, Uganda, Ghana, South Africa, Swaziland and other countries in Africa.

The Gender Evaluation criteria refers to a set of questions against which the extent of the gender responsiveness or unresponsiveness of a given land tool upholds and contributes to the equality/inequality of women and men in land access and tenure security. It is however worth noting that the questions are not rigid or static but should be picked and applied as relevant, and one should consider search issues as baseline and availability of data while choosing the questions to work with. More information on Gender Evaluation criteria can be found in the many resources provided by GLTN, available on their website www.gltn.net or by contacting the FIG Young Surveyors Network.

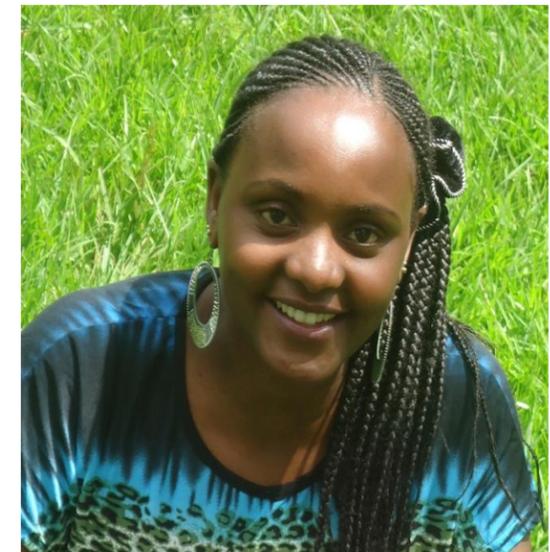
During the workshop, Uganda and Ghana shared their experience in applying these Gender Land Evaluation criteria, referred to as GEC (Gender Evaluation Criteria). Their experiences show that the Criteria can be localized and be applied in different context to give the results being sought after. It is difficult to generalise many situations, so the tools are made to be adaptable and flexible. In applying these criteria, there are a few questions which should guide one in the process. They include: Determining what you are evaluating for example is it a land policy? Establishing how you would gather and use data, Deciding on the investigation process to follow i.e. will it for example be multi-stakeholder? Will it be women led? Interviews? And so on.

It is also important to be clear on how decisions will be taken, recorded and validated, as well as knowing anything else beyond this scope that you would need.

It was evident that land matters especially in Africa are biased against women. This is despite the fact that the women are the ones involved in primary production. It was generally agreed that women spend most of their time cultivating the land, planting, collecting firewood or doing the many other tasks that require direct contact with the land compared to their male counterparts. The irony is that men are often legally the owners of these parcels of land and in most cases control the finances obtained from the work done by the women. In Africa, the user as well as ownership rights are in favour of men while the control and management rests with the local leaders like the chiefs and religious as well as traditional leaders (as is the case in Ghana). It is important that land professional take the initiative and use the Gender Criteria to assess whether a large scale land intervention is responsive to both women and men's needs and to identify any gaps that might exist in how the needs of the people are met. It is up to us as surveyors and young professionals to ensure we are aware of any gender bias, and do our best to implement gender tools and ultimately reverse any bias in the future.

To conclude, the results of gender criteria and analysis are useful in informing the policy makers on how best to address inequality in land distribution and land policy. We have a clear role as young professionals,

and the **GLTN is a valuable resource – so use it!**



Leah Njuguna is a young Kenyan valuation surveyor

Impressions from the FIG Rome Events

Rome ITALY, May 2012



The Young Surveyors Conference held on 4th-5th May 2012, just preceding the 2012 FIG Working Week in Rome had the following three ambitions:

- To promote and increase participation in the FIG Commissions
- To provide a voice for young surveyors within the FIG
- To offer a more informal and relaxed platform for young surveyors to present



The conference further provided incentive for young surveyors to attend (and receive funding for!) the FIG Working Week, functioning as a way to meet friends and colleagues before the main event (with over 2000 people attending the full Rome Working Week, the Conference was a much less daunting start!).



All young surveyors attending were encouraged to participate in one of two ways: firstly, by submitting and presenting a conference paper, and secondly by contributing to the many discussions, including the final session where we collectively formed the outcomes of the conference.

For the conference presentations, topics of focus included starting up your own business, the current challenges and future needs of young surveyors, new technology applications and perspectives across the globe. Sessions varied from presentation to discussion and break-out workshops, with keynote speakers including former FIG president Prof. Stig Enemark, UN-Habitat's Asa Jonsson and representatives from Trimble (John Whitehead) and ESRI (Brent Jones). All young surveyors were given the opportunity to present a technical paper, as well as opportunities to chair break-out sessions, or contribute to panel discussions.

At the close, there was a particularly moving speech from Kazuaki Fujii, a young surveyor from Japan who thanked all surveyors in attendance for their thoughts and support since the 2011 disaster.



In just a few sentences, Kazuaki so aptly captured the value of such events!

But perhaps of most relevance to you all reading this article, is the ultimate findings of the conference. Three conclusions were developed by the participants and presented to the FIG General Assembly during the closing session. These were:

1. The FIG and Member Associations can best support young surveyors by devolving responsibility to young surveyors and supporting their engagement within the FIG.
2. Young surveyors think the benefits of FIG are the opportunities provided through networking, knowledge-sharing, advocacy and establishing professional standards
3. The priorities for the FIG Young Surveyors network are communication, connections, motivation and inspiration

But what does all this mean... ?

I understand these three points to direct us in the following ways:

You as young surveyors have a responsibility to be proactive. This means you should:

- Attend local seminars and workshops, and where possible contribute to organizing such events!
- Write research and technical papers on your day to day work. If you don't think they are technical enough for a conference, we'll publish them in our newsletter!
- Identify and ask for opportunities for development. This might be mentoring, attending an international conference or simply taking some time out to research a pet topic online
- Contribute to discussions online (ie: LinkedIn and webinars). We need to be visible as young surveyors, and we need to make our voices heard!

BUT young surveyors need mentoring, guidance and assistance. So employers have a responsibility to

- Recommend and in some cases sponsor membership of professional bodies Young surveyors need to see and experience the value of membership and participation.

ACTIVE Young Surveyors

Outcome Report by
Kate Fairlie



Impressions from the FIG Rome Events

Rome ITALY, May 2012



- Identify conferences of value and in some cases allow work time for the writing of a paper, or sponsor attendance.
- Suggest topics based on daily work or technical expertise that young surveyors could then present at meetings or conferences and then coaching as necessary.
- ...and finally, lead by example!

Professional bodies also have a role – and they are the primary contacts for the FIG YSN. Each professional body should

- Have a Young Surveyor Network for their region/country
- Have young surveyors on their key committees and councils
- Nominate a young surveyor to feed information to the FIG YSN, and to pass information from the FIG back to regional members.

In many cases, the FIG YSN and FIG Foundation have some very limited funding for FIG and regional event attendance. If opportunities for co-sponsorship are established early, including in-kind support, our money and support for young surveyors will go much further.

So – what next?

The next international young surveyor conference will be held at the 2014 FIG Congress in Kuala Lumpur, Malaysia. This event will likely include both a separate undergraduate student conference, and a number of young surveyor sessions well-integrated within the FIG Congress. This is not finalized, however, so I welcome your feedback! In the meantime, a number of regional young surveyor events are anticipated for 2013, including

- the FIG Working Week in Abuja, Nigeria, which will host some young surveyor sessions as part of the Working Week
- a joint event with FIG Commission 6 (Engineering Surveying) at the University of Nottingham campus in Ningbo, China.

- A young surveyor component to the South East Asia Survey Conference in Manila, Philippines
- Other events that you organize and we support! Just let us know.

For more information, have a look at the following links:

www.fig.net

including all papers from the conference and working week at www.fig.net/srl

www.fig.net/ys

a full report from the conference will be available soon

Please join the FIG Young Surveyors Network on Facebook and LinkedIn: just search "FIG Young Surveyors".

Kate Fairlie, Chair FIG Young Surveyors Network
kfairlie@gmail.com

Kate would like to acknowledge the main sponsors of the FIG Young Surveyors Conference: Trimble Navigation and ESRI (Platinum Sponsors of FIG Working Week 2012), Consiglio Nazionale Geometri e Geometri Laureati (CNGeGL) and Cassa Geometri. Kate received funding for her travel from the FIG Foundation.

A young surveyor is defined by the FIG as someone who is either 35 years or younger and/or a student who is within 10 years of graduating from a Bachelor or Masters degree in surveying. All surveyors are welcome to participate in the network – the 'young surveyor' stipulation is simply to clearly define the target group.

An overview of the conference can be found here https://www.fig.net/news/news_2012/ysc_rome_may_2012.htm

Including pictures, FIG President CheeHai Teo's address to participants and a video prepared by the Italian young surveyors!

