

puerto rico - Agrimensores Jóvenes italian - giovani geometri telugu - Yuva Kolatha Tanikeeravudu
 polish - młodzi geodeci


malay - Juru Ukur Muda danish - Ung Landinspektør
 swedish - Unga Lantmätare

spanish - Jóvenes Ingenieros de Topografía y Agrimensur
 german - Junge Geodäten

spanish - Jóvenes Ingenieros de Topografía y Agrimensur
 french - Jeune technicien supérieur de géométrie

turkish - Genç Haritacılar

czech - mláďá geodeti japanese - 若い測量技師



The sustainability of the YSN: An update


Kate Fairlie
Chair, FIG YSN

Overview

- The FIG Young Surveyors Network
- **Our Partnerships**
- Our Events
- Social Media
- **Risks and Challenges**
- Potential
- *How to promote surveying ...*

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**The FIG
 Young Surveyors
 Network**

YOUNG
 SURVEYORS

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What is a young surveyor?



- **Student**
- **35 years or under**
- **Within 10 years of graduation**




GOALS

of the Young Surveyors Network

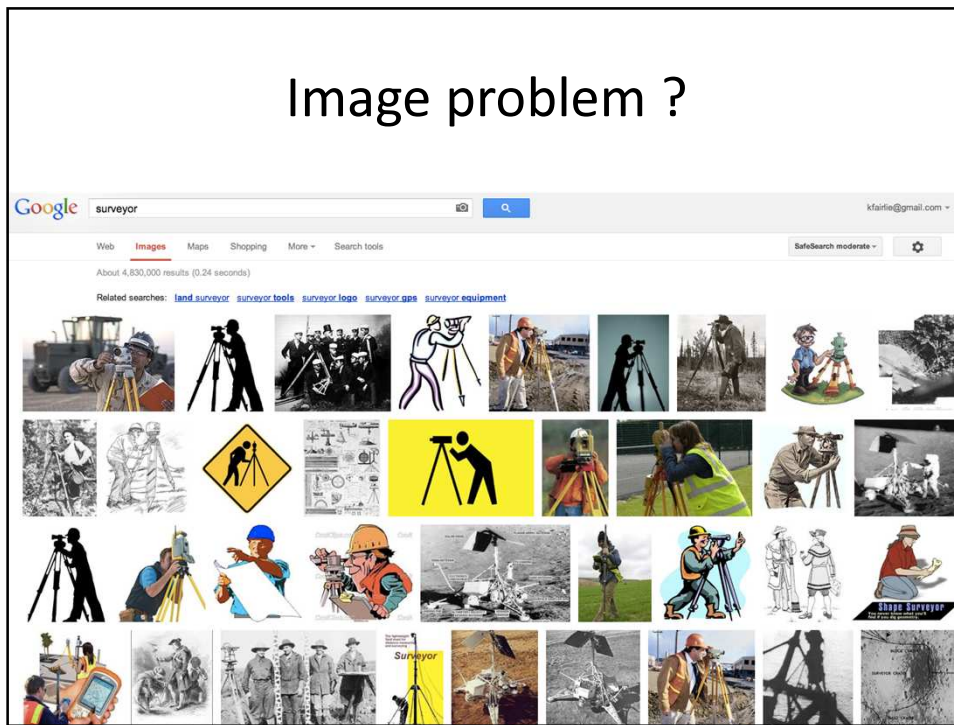
2011 - 2014

1. To represent young surveyor interests within the FIG
2. To improve young surveyor awareness of and involvement in FIG
3. To support local, regional, national and international networks of young surveyors by providing a forum for sharing knowledge, skills and experience.

Structure of FIG YSN



Image problem ?



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Our Partnerships

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YOUNG SURVEYORS

turkish - Genç Haritaçlar

czech - mladi geodeti japanese - 若い測量技師 french - jeune technicien supérieur de géométrie

Partnerships

- Partnerships
 - ATF
 - FIG Foundation
 - ISPRS
 - UN-Habitat GLTN









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Potential

- JB-GIS
- UNECE, UNGGIM, UNECA
- Lecturer exchange
- Youth Unit
- Disaster





Space Generation Advisory Council
in support of the United Nations Programme on Space Applications



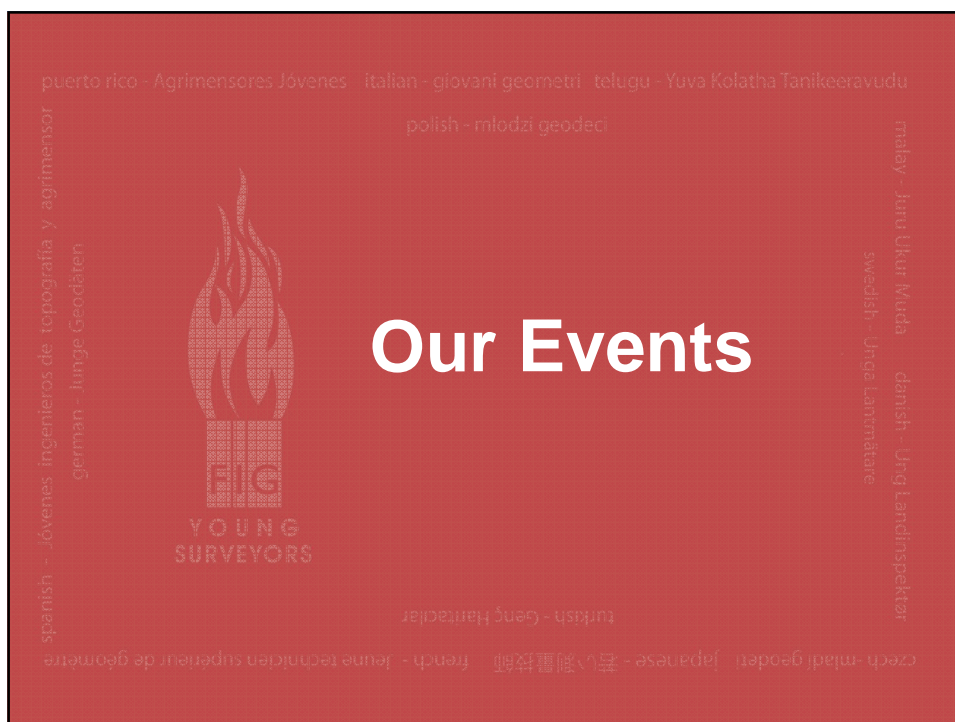


UN-GGIM | United Nations Initiative on
Global Geospatial Information Management



United Nations
Economic Commission for Africa

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YSN Representatives attended...

YSN is planning ...

2012	2013	2014
<ul style="list-style-type: none"> • FIG Working Week in Rome • UN-Habitat World Urban Forum 6 • African Task Force Workshop • FIG Regional Conference • Commission workshops • Trimble UC • Intergeo • Japan Young Surveyors Conference 	<ul style="list-style-type: none"> • FIG Working Week Abuja • Joint Commission/YSN events (1, 6, ?) • SEASC • Regional Meetings <ul style="list-style-type: none"> • (Tanzania, Europe, U.S.?) 	<ul style="list-style-type: none"> • FIG Congress in Kuala Lumpur <ul style="list-style-type: none"> • <i>UG Student conference</i> • <i>YSN conference</i> • <i>Congress</i>

Potential

- Web events?
- Eg.
- Live interviews?
- Video presentations?
- Live forums and debates?

Social Media

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YOUNG SURVEYORS

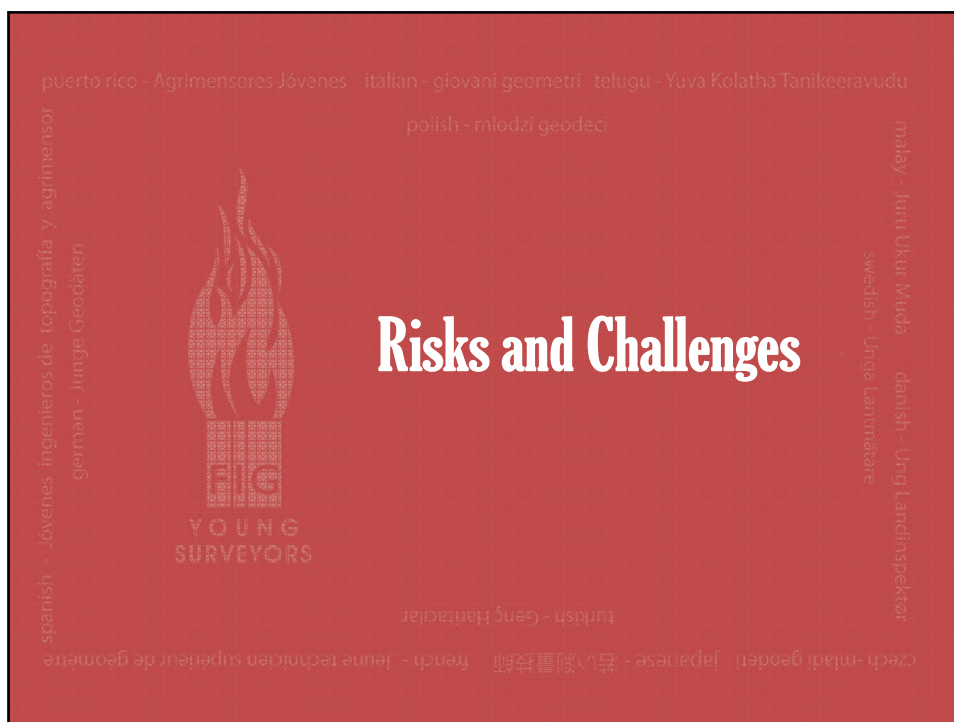
How do we communicate?

- Quarterly newsletters
- Webpage
 - www.fig.net
- Online Communication Spaces
 - Facebook
 - LinkedIn
 - Twitter



Potential?

- More information
 - Eg. Internship document
 - Lecturer exchange
 - Factsheets
 - Education materials online
 - Mentoring?



Risks and Challenges

- Reliant on very few, busy, people
- Not held together by the FIG Member organisations
- How can we sell local organisation membership?
- How can we sell the value of the FIG?
- Differing needs internationally
- Continuity?
- Visibility?

What is an Engineer?

En.gi.neer, *n.* (phonetic)

1. One who designs, plans, or invents
2. One who is a creative problem solver
3. Engineering equals ingenuity

UNSW | ENGINEERING
THE UNIVERSITY OF NEW SOUTH WALES

What is surveying?

1. The art of mapmaking and the science of precise measurements
2. Location, location, location
3. Management of the earth's land and resources



How can I be an Engineer at UNSW?

– What subjects should I choose?

ASSUMED KNOWLEDGE

- HSC Mathematics Extension 1
- Physics

RECOMMENDED KNOWLEDGE

- HSC Mathematics Extension Two or
- Chemistry or
- Engineering Studies or
- Software Design and Development or
- Information Processes and Technology or
- Biology

May need updating!



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SYDNEY • CANBERRA • AUSTRALIA

Engineering

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Kate Fairlie

- **PhD Candidate** in “Carbon Property Rights”, QUT Faculty of Law
- **Senior Project Officer**, NSW Office of Environment & Heritage
- **Casual Lecturer**, UTS
- **Chair, Young Surveyors Network**, International Federation of Surveyors

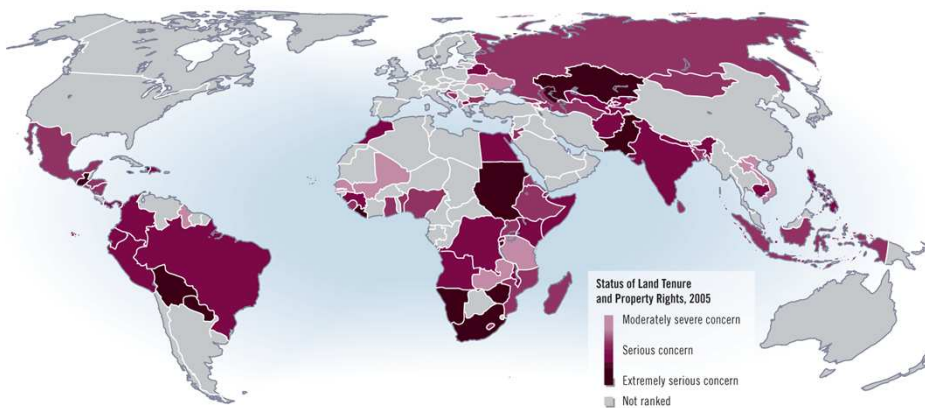
Overlap of typical Mars Navcam images

December 2010

monthly relief visualizations: 15 million times actual

International context

STATUS OF LAND TENURE AND PROPERTY RIGHTS, 2005



Source: USAID and ARD, Inc. 2008
http://www.wri.org/image/view/10105/_original

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Mapping Mars

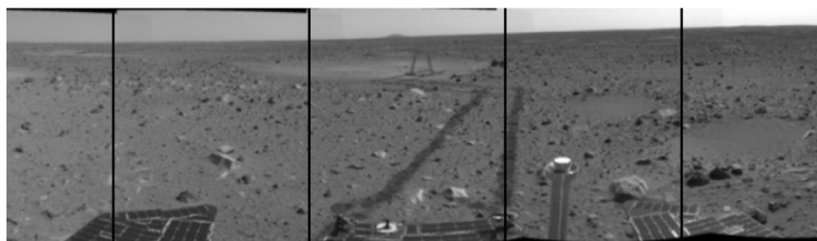
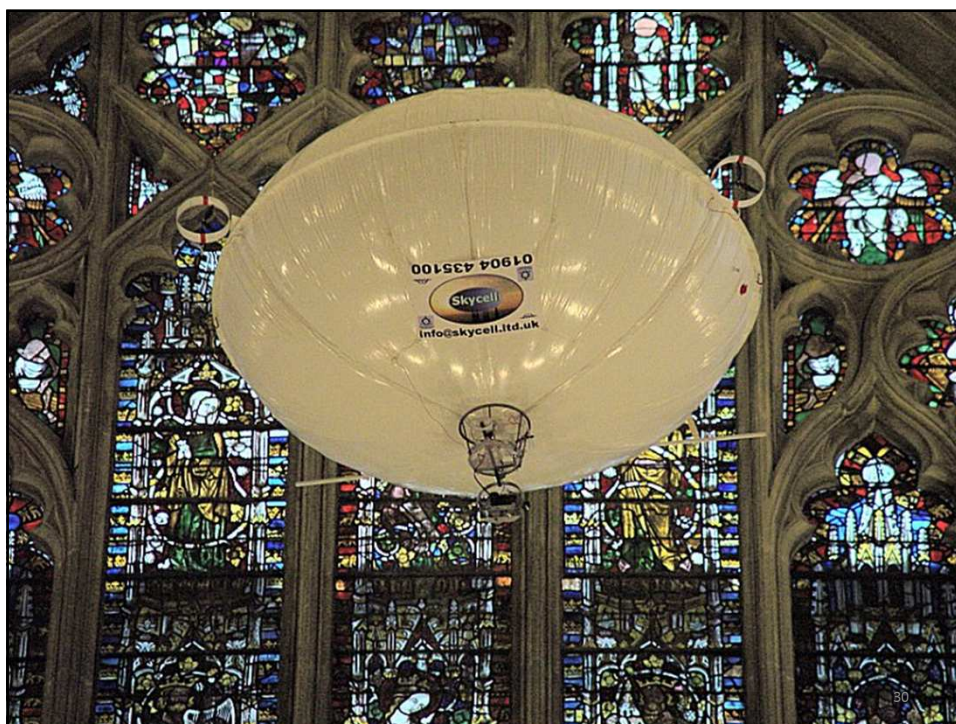


Figure 2. Overlap of typical Mars Navcam images

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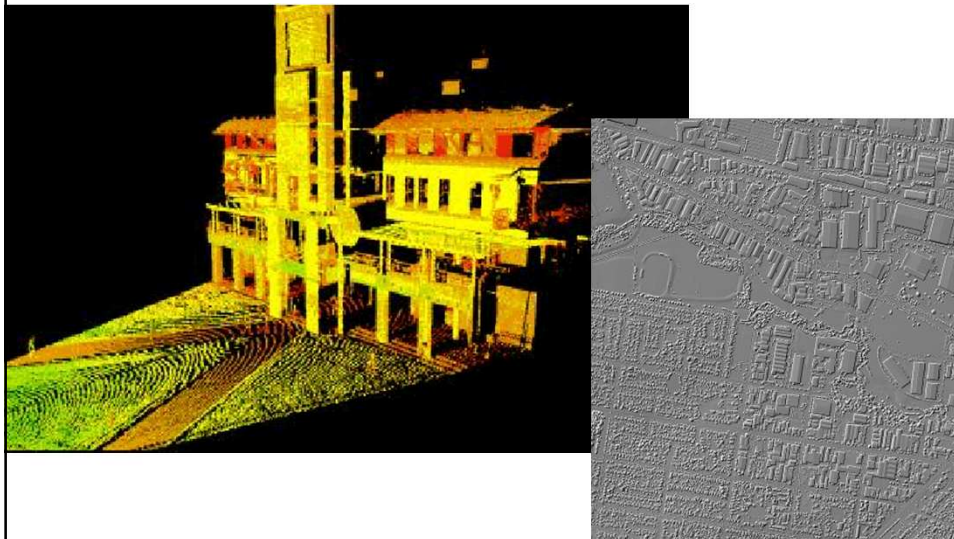


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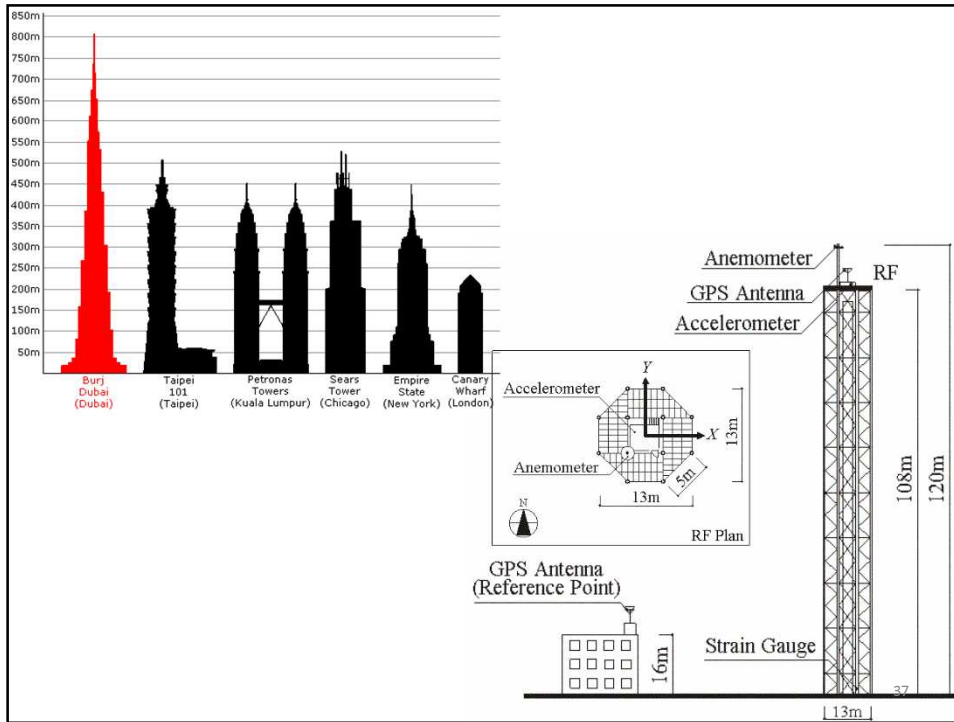
5. Photogrammetry and Laserscanning



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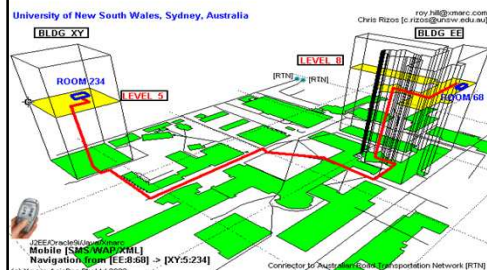
TS Fork, Coonabarabran





1. Algorithms and Software

Campus navigator/ Syren





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