Where to find the Young Ones

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The young ones,
Darling we're the young ones,
And young ones shouldn't be afraid.

To live, love
While the flame is strong,
for we won't be the young ones very long.
Where to find the young ones?
Spatial Thinking Society

- Millennials are more used to be connected with mobile devices.
- Location Based information is part of our daily lives
- Users are the centerpoint for usage of geographical information.
Geospatial Industry

- Require new skills in a spatial thinking society
- Geospatial sector in USA and Europe is aging
- In 10 years time a wave of retirements will take place
Agents of Change

• To adapt to the new circumstances

• To respond to the demands of a Spatial Thinking Society

• To fill the gap of the retiring generation

• To exploit the potential of location based services
Capacity Building Initiatives

- Raise number of students
- Adapt Curricula
- Close the gap between students and labour market

- Branch Organisations
- Businesses
- Education Initiatives
- European Programs
Branch Organisations

Where to find the Young Ones, Geospatial World Forum, Paula Dijkstra, 15 May 2013
EuroGeo

Motivates the next generation

- Capacity building initiatives using youtube, twitter to promote the use of GIS technology and data
- Hosting of GeoCube
- Support EGEA
EGEA

• Association for Geography students and Young professionals in Europe
• Since 1987
• 5 day congress (yearly)
ISPRS

- Student Consortium
- Summerschools in Istanbul, Ljubljana, Beijing, Warsaw, Hanoi, North Carolina and Chonburi
- OGC App Challenge
FIG

- FIG Young Surveyors
- Conferences
- Workshops
- Training courses
- Active Facebook group

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The FIG Young Surveyors Awards were held in Rome, Italy. It was the first FIG Young Surveyors event held in a FIG Young Surveyors Conference. The aim of the FIG Young Surveyors Awards is to recognize and reward young surveyors for their achievements. The awards were presented to nine young surveyors from around the world who have made significant contributions to the field of surveying.

The awards were presented to:
- Young Surveyors from China
- Young Surveyors from Indonesia
- Young Surveyors from South Africa
- Young Surveyors from the United States
- Young Surveyors from the United Kingdom
- Young Surveyors from Australia
- Young Surveyors from Canada
- Young Surveyors from Brazil
- Young Surveyors from Germany

The FIG Young Surveyors Awards are a great opportunity for young surveyors to showcase their achievements and be recognized for their contributions to the field of surveying.

The FIG Young Surveyors Awards are an annual event that recognizes the achievements of young surveyors around the world. The awards are presented by the FIG Young Surveyors Committee and are open to all FIG Young Surveyors members. The awards are an excellent opportunity for young surveyors to be recognized for their achievements and to showcase their talent.

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CLGE

- Students Contest
- European Network of Young Surveyors
- European Education Projects
International Geodetic Student Organization

- Since 1988
- 80 universities, 24 countries
- Yearly meetings
• SEOS project: Science Education through Earth Observation for High Schools
  – Tutorials developed
• Summer schools and e-learning
Eurogeographics

- Involved in European Projects
- Support Vespucci Initiative
- High school visits

ICA

- Video contest

GIScience

- Scholarship
OGC

- App Challenge

OGC Student APP Challenge

About
This OGC (Open Geospatial Consortium) challenge students who have software development skills to create new applications that use OGC standards in innovative, interesting and fun ways. Students who participate in this challenge will use or develop software that implements OGC standards (http://www.opengeospatial.org/standards).

For example, the software application can do some or all of the following:
- Map up data from a variety of existing geospatial Web services that provide location data
- Provide access to new sources of location data (including, for example, sensors, computer models, webcams, 3D urban models, mobile devices, or spatial databases) to support innovative applications
- Provide access to original new Web services that provide processing capabilities for innovative applications that use real or existing location data.

Our objective is to promote the awareness and utility of OGC standards, demonstrate the value of geospatial interoperability, and promote innovative uses of the OGC standards and services. You can use existing Web services and clients or build your own. Be creative! Ideas for application themes include:

- Open Category. See your imagination ideas come true, but are not limited to
  - Transportation, Public Safety, Urban Planning and Modeling
  - Social, Personal Products, Games, Fun
  - Non-profit, Education, Water, Food and Hunger, Health
  - Climate, Environment
  - Society, Youth, Civic
  - Crisis Mapping, Citizen Science

We encourage the software development and resources from any public release online Web service that implements OGC standards such as the OGC Web Map Service Interface Standard, the OGC Web Feature Service Interface Standard, or the OGC Sensor Observation Service Interface Standard. We’re looking for creativity, and for applications that maximize the use of OGC standards. And for software that makes meaningful use of OGC data sources and containing and mapping information in an interesting and useful way. Apps running on desktops, tablets, smart phones and even a Facebook APP are included in the challenge.

Click to enter the contest!

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National branch organisation

- Association of American Geographers
  - My Community, Our Earth
- Royal Geographic Society
  - Ambassadors
- Hong Kong Institute of Surveyors with Young Surveyors Group
- EGEA in each European country
- JongGeo in Netherlands
Businesses - ESRI

• Sponsor conferences for students and Young Professionals
  – EGEA
  – FIG
  – CLGE contest
  – IGSO
• Project support
  – AAG My community, Our Earth
  – RGS ambassador program
• Grant program
• Education projects
  – UNIGIS, Vespucci Initiative, Digital Earth,
• Scholarships conferences and workshops
• GIS day
Businesses – Leica, Intergraph, Trimble

- Summer schools
- Conferences
- Students contest CLGE
Education Initiatives

- AGILE: curricula of European Universities
- VESTA-GIS: development of skills at VET level
- Vespucci Initiative: promotion of GIS
- UNIGIS: part-time and distance learning
- Geospatial Revolution (USA)
European Projects

- Herodot – Socrates
  - Geocube Project
- Digital Earth - Comenius Multilateral Network
- SPACIT – Life Long Learning Project
- IGUESS Project - Life Long Learning Project
Where to find the young ones

- Get connected, be involved!
  - Sponsor their meetings
  - Host competitions
  - Support education
  - Use ambassadors
  - Contribute to projects
  - Provide learning opportunities