



SPACE GENERATION ADVISORY COUNCIL
in support of the United Nations Programme on Space Applications



Youth Promoting
GNSS Cooperation and Education

December 10, 2008
ICG Working Group C
Stephanie Wan, YGNSS



Space Generation Advisory Council

- Non-profit organization
- Conceived at UNISPACE-III in 1999
- Permanent observer status at UNCOPUOS
- Aims to represent students and young professionals to UN, state actors, space agencies
- Over 3000 members on global network (mainly ages 18-35)
- Projects and activities to promote space
- Located in Vienna (European Space Policy Institute)

www.spacegeneration.org



YGNSS Project Team

Initiated in April 2008

- Project accepted for the Space Generation Congress 2008
- 17 Delegates from different countries

Why be involved?

- We are the future “users” of GNSS and the “beneficiaries” of GNSS cooperation
- Responsibility to secure the benefits to the future society



YGNSS Project Team

Aim

- Bring the maximum benefits of GNSS to the future society
- A role in the international development in GNSS

Objective

- Promote cooperation on GNSS and GNSS application
- Promote GNSS education & outreach
- Support ICG and its secretariat, in particular Working Group C
- Reflect the perspectives of youth on GNSS policies



Areas of Activity

GNSS Education and Outreach:

- Conduct education and outreach activities to promote GNSS applications and international cooperation in GNSS
 - Ie. Geocaching at IAC 2008

GNSS Policy Study and Discussion:

- Monitor the general technological development and international cooperation in GNSS, including the activities and outcomes of ICG. exchange information and discuss issues relevant to the team's activity
- <http://www.spacegeneration.org/ygnss>

Youth and GNSS:

- Conduct surveys to study youth perspectives on GNSS-related issues, present and publish youth perspective on GNSS in various forums



Activities since April 2008

- Established the foundations and work plan
- Gathered team members
- Started SGAC and other online forums
 - primary online communication
- First member assembly (Glasgow, Scotland)
 - SGC 2008 in conjunction with IAC 2008
- Main outcome: 2008-2009 draft work plan
- International Committee on GNSS (Sponsored by NASA)



2008/2009 Work Plan

- **Promotional Publication**
 - “Youth and GNSS” Brochure (December 2009)
 - Translations into different languages (Jan – February 2009)
- **Education Portal**
 - Gather GNSS resources for educational use
 - Wiki (open-source): Greater international collaboration with universities (<http://why-gnss.wiki.zoho.com/homepage>)
- **International Survey**
 - “Youth’s perspective on GNSS” (December 2009)
 - Results to be presented in relevant International conferences (<http://spreadsheets.google.com/viewform?key=pOISOTVajJ4OI8nPrAmg5AQ>)
- **Presentation/Publications:**
 - Oral presentation at ION Technical Meeting, California, January 2009 and subsequent publication in the conference proceedings (**Accepted**)
 - Poster presentation at the 13th ISU Symposium, France, February 2009 (**Accepted**)
 - International Astronautical Congress 2009, South Korea (**To be Submitted**)
- **Statement**
 - UN COPUOS (February 2009) *SGAC observer status



ICG Support

Support

- Allow YGNSS to assist with Education Portal
- Allow YGNSS greater access to Working Group C
 - ICG observer status?

Feed Back

- How can we further work with you?
- Are there any ways we can support you directly?
- Any comments and suggestions for our activity?



Conclusion

- YGNSS utilizes global SGAC youth network
- YGNSS can assist with Education Portal
- Cooperation between YGNSS and Providers beneficial



Thank You!

So Young Chung - South Korea

Rahul Suresh - India

Jeffrey Riveria - Guatemala

Oladunni Paul Olanrewaju - Nigeria

Frank Habineza - Rwanda

Hubert Foy Kum - Cameroon

Matteo Vannucchi - Italy

Ahmed El Awady - Egypt

Marcos Pirateque - Colombia

Ghanim Alotaibi – Kuwait

Imran Majid – Pakistan

Muthana A Hassan - Iraq

Edgardo Monasterios – Panama

Stephanie Wan - USA



SPACE GENERATION ADVISORY COUNCIL
in support of the United Nations Programme on Space Applications



**We look forward to questions
comments & suggestions!**
(ygnss.spacegen@gmail.com)