

Space Generation Advisory Council

*YGNSS: The Necessity of Educating
the Use and Benefits of GNSS*

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Content

- Background of the Space Generation YGNSS Project
- What We Do
- YGNSS Survey and Results
- Additional Comments from Participants
- Recommendations

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

Aims and Objectives

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 International Committee on GNSS (ICG) and its secretariat, in particular Working Group C
- Reflect the perspectives of youth on GNSS policies

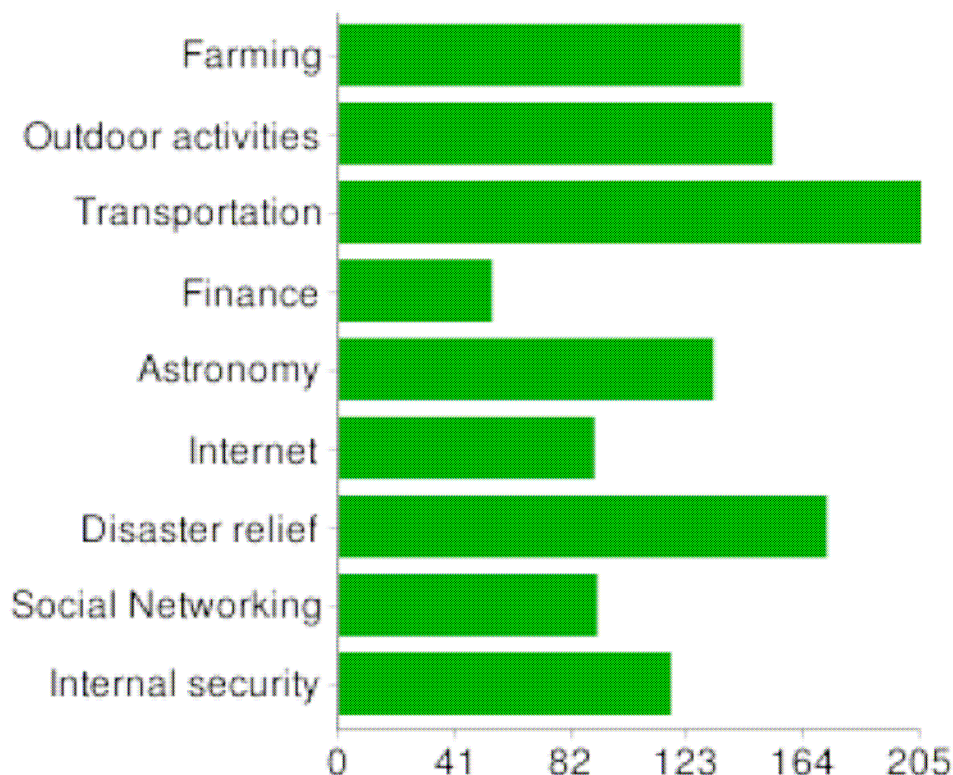
YGNSS Activities

- Promotional Publication
- GNSS Education Portal
- Presentation/Publication
- Educational Material Coordination
- International Opinion Poll

YGNSS Opinion Poll

- Gauge “youth’s” awareness of the use of GNSS in our everyday lives
- **1 month poll** = **248** responses from **53** countries across all 6 continents
- Asia (**24%**), North America (**28%**), Europe (**22%**), Latin America (**14%**), Africa (**9%**), Australia (**4%**)
- Roughly **40%** were from the developing countries

Opinion Poll: Where GNSS can be applied



Farming	142	58%
Outdoor activities	153	62%
Transportation	205	83%
Finance	54	22%
Astronomy	132	54%
Internet	90	37%
Disaster relief	172	70%
Social Networking	91	37%
Internal security	117	48%

Additional Comments from Participants

- “I knew what GPS was, but I had never heard of GNSS”
- “Introduction of GNSS in secondary level school curriculum is needed”
- “There is no special education and even introduction of it”
- “La educación en nuestro país, si tiene programas como el que estudio Ing. Catastral y geodesia, el cual es muy dependiente de estos desarrollos, pero creo que en el país el desarrollo y el estudio de estos temas es aun muy limitado en el país.”
- “It takes the effort of all agencies, governments and GNSS-savvy individuals to discuss the capabilities and applications of GNSS so they can be appreciated and adopted”

Recommendations

- Further develop an **educational** GNSS infrastructure in your nation
- Produce and distribute GNSS education materials written in your language
- Establish education programs on GNSS application

Conclusion

- All technology is knowledge, but not all knowledge is technology
- Important to recognize and invest in GNSS education
- Not just about building GNSS infrastructure—
Necessary to Educate the Future Users on
GNSS

Thank You!

Questions, Comments?

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in support of the United Nations Programme on Space Applications

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