Side Event on Legal and Policy Frameworks for: Geospatial Information Management "availability and accessibility of geospatial information"

Opportunities and Obstacles for Enabling the Use of Geospatial Applications

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Secure World Foundation
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Secure World Foundation

Secure World Foundation is a *private operating foundation* that promotes cooperative solutions for space sustainability

- Why space sustainability? Increasing reliance on space assets coupled with potentially destabilizing trends
- Our mission: To work with governments, industry, international organizations, and civil society to develop and promote ideas and actions to achieve the secure, sustainable, and peaceful uses of outer space benefiting Earth and all its peoples

What We Do



- The Foundation acts as a research body, convener and facilitator to examine key space policy topics
 - To promote international cooperative governance for increased space sustainability
 - To increase human and environmental security by promoting improved governance of the delivery of information gathered from space systems in ways that promote its utility
 - To assist in the development of effective national and international space policies and laws both in established and emerging space nations
- Offices located in Broomfield, CO & Washington, DC with 10 staff members



Activities and Partners



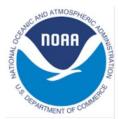


















SPACE GENERATION ADVISORY COUNCIL



International Development

Primary "industry" focused on assisting the developing world

- What is it?
 - Long-term solutions to problems by working to improve economic, political and social systems in sustainable way
- How is it carried out?
 - Project lifecycle: planning, implementation, monitoring & evaluation
- Who are the stakeholders?
 - Governmental organizations, intergovernmental/multi-lateral/regional organizations, private donor entities, non-governmental organizations, contracting companies, developing country governments, space agencies, manufacturers and operators



Key Questions

Who are the decision makers?

- No SDG contains goals that weren't already being worked on by professionals around the world
- Need to define and think broadly from citizens to organizations to governments
- Most potential end users are unaware of the possibilities



How are we delivering it?

- What happens when a potential end user googles their specific topic?
- Who isn't represented in this room?
- Are resources being developed that can be understood and acted upon by non-geospatial professionals?





Involving All Stakeholders

- Governmental organizations
- Donor entities
- Intergovernmental/multilateral/regional organizations
- Non-governmental organizations (NGOs)
- Space agencies
- Development contracting companies
- Space manufacturers and operators
- Data analysis businesses
- Non-space related companies
- Academia

























Policy Considerations

Awareness and use geospatial information is increasing but wide-spread adoption is still slow

- Lack of technical knowledge or training
- Focus on traditional areas of application
- "Intertia"
- Donor skepticism
- Government skepticism
- Time and money
- Data set integration concerns including privacy
- Open data "vs." Commercial data
- Too much data, not the right data
- Licensing



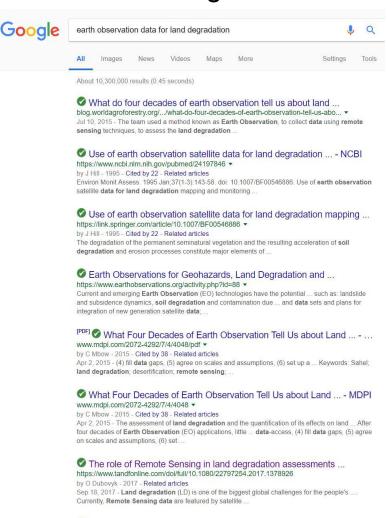
What happens when you Google it?

Promoting Cooperative Solutions for Space Sustainability

Food Security



Land Degradation



Use of Earth Observation Satellite Data for Land Degradation...

seminatural vegetation and the resulting acceleration of soil .

https://www.researchgate.net/.../258336842_Use_of_Earth_Observation_Satellite_Data_..

Dec 20, 2017 - Download citation | Use of Earth Observa... | The degradation of the permanent



Reaching More End Users

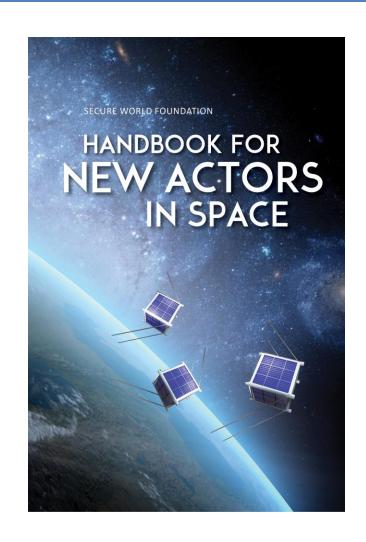
- UN-GGIM as a clearinghouse, a formal mechanism for convening and disseminating access information, new ideas, lessons learned, and best practices
- Continually look to expand participation and crosscolloaboration across a variety of including local, national, regional, and international non-governmental organizations, non-geospatial industries, academia, and donors



SWF Handbook for New Actors in Space

Promoting Cooperative Solutions for Space Sustainability

- Goal: Create a publication that provides an overview fundamental principles, laws, norms, and best practices for safe, predictable, and responsible activities in space
- Primary audiences:
 - Countries developing space programs and/or having to oversee and regulate their first satellites
 - Universities and start-up companies that are developing/operating satellites
- Electronic copies are available through the SWF website, free of charge: www.swfound.org/handbook



Thank you. Questions?

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