



Promoting Cooperative Solutions for Space Sustainability

CEOS Working Group on Capacity Building and Data Democracy & Secure World Foundation

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- **Who is Secure World Foundation (SWF)?**
- **Recent SWF activities related to WGCapD**
- **Current SWF involvement in WGCapD**
- **How can SWF support WGCapD?**

Who is Secure World Foundation?

The Secure World Foundation (SWF) is a private operating foundation dedicated to the secure and sustainable use of space for the benefit of Earth and all its peoples.

- Non-profit, international NGO founded in 2004
- Offices in Brussels, Colorado, and Washington DC
- Liaise/partner with international organizations, governments, agencies, militaries, industry, civil society, academia
- Promote **cooperative solutions for space sustainability**
- One core area is Space for **Human and Environmental Security**

Recent SWF Activities Related to WGCapD



SWF Activities Related to WGCapD (1/4)

The Brussels Space Policy Roundtable - The Future of GMES (February 2012, Brussels, Belgium)



- Focus on:
 - COPERNICUS - The European Earth Observatory Programme, its current status, challenges, future opportunities and its general relevance/importance

UN-SPIDER Bonn Workshop on Disaster Management and Space Technology: “Strengthening global synergies through knowledge management, portals and networks” (April 2012, Bonn, Germany)

- Co-organized by Federal Ministry of Economics and Technology of Germany, German Aerospace Center, City of Bonn



- Focus on:
 - Knowledge management in the context of space-based information
 - The role of Portals and Gateways as platforms to access space-based data and information to support all phases of the disaster risk management cycle
 - Synergies among international support networks and mechanisms

SWF Activities Related to WGCapD (2/4)

Space for Human and Environmental Security in the Americas: Space policy, Long-term Sustainability and Cyber-health *(April 2012, Mexico City, Mexico)*

- Co-organized with Mexican Government, Mexican Space Agency, CRECTEALC
- Focus on:
 - Space policies that support space sustainability
 - Developing a road map for all countries in the Americas to participate in Project Cyber-Health
 - Identifying actions that could be taken in the Context of Climate Change Adaptation
 - Exchanging information on national space policies and possible space applications of common interest to countries from and outside the Americas



Workshop/Simulation on Use of Space Applications in Humanitarian Operations *(May 2012, Warsaw, Poland)*

- Co-organized with Space Research Centre PAS, Main School of Fire Service
- Focus on:
 - Increasing awareness in the humanitarian community about space solutions that could support response to large scale crises
 - Potential to implement these solutions and recommendations for their use within existing international cooperative mechanisms



SWF Activities Related to WGCapD (3/4)

Space Generation Congress 2012 *(September 2012, Naples, Italy)*

- Co-organized by Space Generation Advisory Council
- Focus on:
 - How space is used in humanitarian crises both effectively and ineffectively
 - How governments and NGOs can improve their use of space tools in humanitarian crises
 - How new methods (crowdsourcing) can contribute to their improved use of space tools for humanitarian crises



SPACE GENERATION
ADVISORY COUNCIL

United Nations/Chile Workshop on Space Technology Applications for Socio-Economic Benefits *(November 2012, Santiago, Chile)*

- Co-organized by CIREN, ISPRS, NASA
- Focus on:
 - Reviewing research and studies demonstrating the use of space technology for societal benefit
 - Priorities highlighted by the RIO+20 United Nations Conference on Sustainable Development (energy, cities, food, water, oceans and disasters)
 - Promoting integration of space solutions into national development agendas



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SWF Activities Related to WGCapD (4/4)

3rd UN-SPIDER International Expert Meeting on Crowdsourcing Mapping for Disaster Risk Management and Emergency Response *(December 2012, Vienna, Austria)*

- Co-organized by UN-SPIDER, Austrian Government
- Focus on:
 - Connecting crowdsourcing, space, and disaster management communities
 - Finding ways of better coordination amongst those stakeholders
 - Promoting the use of Crowdsourcing Mapping networks in disaster management efforts



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GEO European Projects Workshop & GEO Plenary Meeting *(Rome/Italy & Foz do Iguacu, Brazil, 2012)*

- SWF invited by European Commission to participate in its GEO activities
- SWF became an Observer of the Group on Earth Observation (GEO)



GEO European Projects Workshop *(April 2013, Barcelona, Spain)*

Current SWF Involvement in WGCapD

- Attended first annual WGCapD meeting in 2012, Ilhabela, Brazil



- IAC Papers
 - Co-authored with WGCapD members, looking at NGO

cooperation with WGCapD

- DEMs Development Project
 - Involved in planning
 - \$13,000 to support participant travel and workshop logistics for first project workshop in May 2013, Nairobi, Kenya
 - Proposed “lessons learned” workshop to be hosted after first workshop
 - \$20,000 secured for a possible second DEMs workshop in 2013
- Capacity Building Activities
- Inventory Project

How can SWF support WGCapD?

- Increasing awareness of potential benefits from space assets
- Facilitating dialogue and cooperation at international level
- Promoting ways to enhance use of space assets for human and environmental security



Thank you!



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