



Promoting Cooperative Solutions for Space Sustainability

Session 2B: Geospatial Knowledge Platforms: Empowering the SDGs through geographic tools and services

Opportunities and Obstacles for Enabling the Use of Geospatial Applications

Krystal Wilson
Secure World Foundation
November 29, 2017

Secure World Foundation (SWF)

- Secure World Foundation *is a private operating foundation* that promotes cooperative solutions for space sustainability
- **Our vision:** The secure, sustainable and peaceful uses of outer space contributing to global stability and benefits on Earth
- **Our mission:** SWF works with governments, industry, international organizations and civil society to develop and promote ideas and actions for international collaboration that achieve the secure, sustainable, and peaceful uses of outer space for the socioeconomic and environmental benefits to Earth

- 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



Promoting Cooperative Solutions for Space Sustainability

Sustainable Development Goals & Geospatial Data



EARTH OBSERVATIONS AND GEOSPATIAL INFORMATION: SUPPORTING OFFICIAL STATISTICS IN MONITORING AND ACHIEVING THE 2030 AGENDA



Space for
Sustainable Development

State of the Planet

EARTH INSTITUTE | COLUMBIA UNIVERSITY

AGRICULTURE CLIMATE EARTH SCIENCES ECOLOGY ENERGY HEALTH SUSTAINABILITY



FROM THE FIELD
Natural Resources and Peacebuilding

POVERTY / DEVELOPMENT, SUSTAINABILITY

Critical Role for Geospatial Data in Advancing Sustainable Development Goals

BY ALEX FISCHER | MAY 8, 2015

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Geospatial Data: Key to achieve SDGs

By Bhanu Rekha - August 10, 2016



GLOBAL PARTNERSHIP
FOR SUSTAINABLE DEVELOPMENT DATA

Report of the Working Group on Geospatial Information of the Inter-Agency and Expert Group on Sustainable Development Goals Indicators

co-Chairs:

Ms Marie Haldorson
Statistics Sweden

Mr. Rolando Ocampo
INEGI - Mexico

Agenda Item 12
Geospatial Information for Sustainable Development

UN-GGIM 7
UN Headquarters
2 August 2017



UN-GGIM | United Nations Secretariat
Global Geospatial Information Management

ggim.un.org

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swfound.org

Who are we delivering the data to?

- 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 analytic businesses
- Non-space related companies
- Academia

BILL & MELINDA
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World Food
Programme



EARTH OBSERVATIONS FOR THE
SUSTAINABLE DEVELOPMENT GOALS



AMNESTY
INTERNATIONAL

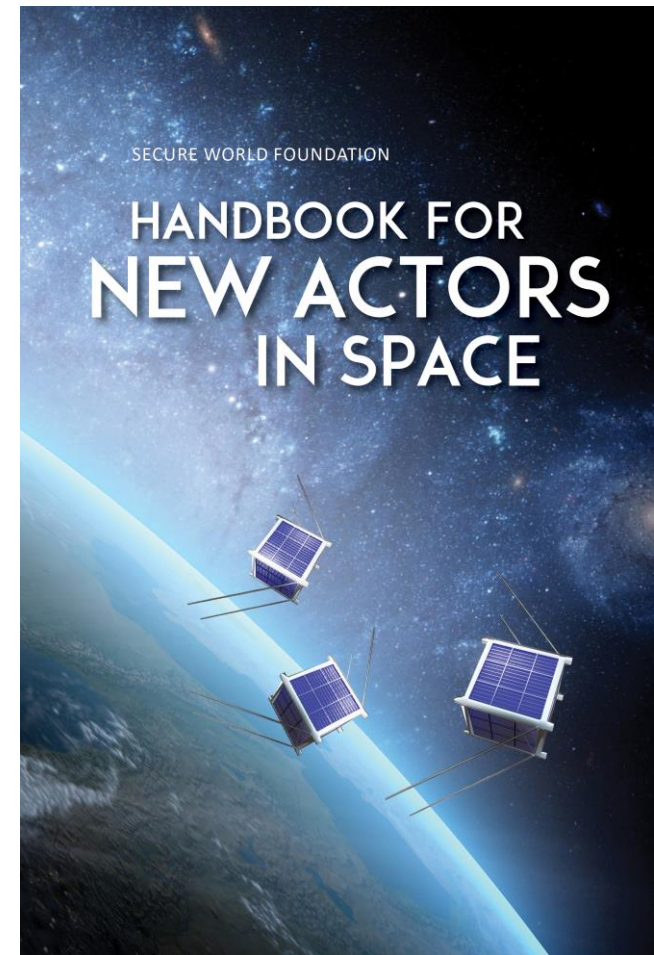


Reaching More End Users

- 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 cross-collaboration 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

- **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





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Thank you. Questions?

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