



SECURE WORLD FOUNDATION

SWF is a private, endowed operating foundation dedicated to the secure and sustainable use of space for the benefit of Earth and all its peoples. 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.

OUR FOCUS

SPACE SUSTAINABILITY

Ensuring that all of humanity can continue to use outer space for peaceful purposes and socio-economic benefit over the long term.

SPACE POLICY AND SPACE LAW DEVELOPMENT

Promoting and assisting in the development of international and national norms, laws, and policies to foster responsible behavior by States and private sector actors.

HUMAN AND ENVIRONMENTAL SECURITY

Promoting improved governance and international cooperation in the delivery of information derived from space systems, and promoting cooperative efforts for the protection of our planet from the threat of near-Earth objects (NEOs).

True-color image of an ash plume rising from the Sangeang Api island volcano in Indonesia, as captured by Landsat 8 on June 1, 2014.

Credit: NASA Earth Observatory images by Robert Simmon, using Landsat 8 data from the USGS Earth Explorer.

HUMAN AND ENVIRONMENTAL SECURITY



To learn more about the Secure World Foundation please visit www.swfound.org



**PROMOTING COOPERATIVE SOLUTIONS FOR
SPACE SUSTAINABILITY**



SPACE AND HUMAN SECURITY

Space systems, including position, navigation and timing, Earth observation, and telecommunications satellites, provide significant benefits for a wide variety of human and environmental concerns, such as:

- Protecting biodiversity
- Guiding firefighters and emergency responders
- Tracking and mapping outbreaks of vector-borne diseases
- Assessing and managing fresh water resources
- Supporting imaging, surveillance, and observations for effective maritime domain awareness
- Monitoring and reporting suspected human rights abuses
- Supporting natural disaster-risk modelling
- Evaluating the impact of environmental policies
- Improving long-term forecasting capabilities

CHALLENGES TO OBTAINING MAXIMUM BENEFIT FROM SPACE SYSTEMS

The full utility of these important systems is blunted by a variety of institutional, policy, educational, economic and social barriers. SWF partners with stakeholders all over the world to reduce these barriers.

SWF'S MISSION

SWF brings together disparate communities—technical, legal, policy—to find new ways to improve the use of space systems for human benefit. SWF facilitates discussion and provides a platform for problem solving to improve access to and the use of space-derived information, particularly in developing countries.

Increasing Awareness of Potential Benefits from Space Assets

SWF partners with *Apogeo Spatial* magazine to inform the scientific, commercial, and policy-making communities about how remote sensing technologies and spatial information can assist in solving the urgent interrelated issues of the environment, energy, and security.

Facilitating Dialogue and International Cooperation

Natural and human-caused disasters call for an efficient, coordinated response to improve the delivery of space-derived information to decision makers when they need it most. SWF actively participates in international forums advancing data democracy, international cooperation, and collaboration between providers and users, including the Group on Earth Observations, the Committee on Earth Observation Satellites, and the United Nations Platform for Space-based

Information for Disaster Management and Emergency Response (UN-SPIDER).

Promoting Ways to Increase Effective Use of Space Assets

SWF focuses on finding new ways to improve the effectiveness of data gathered by spacecraft and aircraft. As part of this work, SWF has supported capacity-building workshops in developing countries to assist disaster management practitioners in preparing for and responding more effectively to natural disasters.

SWF RESOURCES

For more information about our efforts and for additional resources related to SWF-supported events and workshops, please visit our website at www.swfound.org and *Apogeo Spatial* at www.apogeospacial.com.



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