



The Role of Citizen Observatories and Crowdsourcing Community in GEOSS

24 October 2017

Meridian D/E

Ronald Reagan Building and International Trade Center

Washington, DC

Agenda

13:00	Welcoming Remarks
13:15	<p>Lightning Talks: Citizen Science Programs and Observatories</p> <p>Moderator: Dr. Lea Shanley, South Big Data Innovation Hub</p> <p>Speakers:</p> <ul style="list-style-type: none">• Maria Krommyda, Institute of Communication and Computer Systems• Mikel Maron, Humanitarian Open Street Maps• Laetitia Navarro, GEO BON• Joan Masó, Center for Ecological Research and Forestry• Andreas Matheus, Secure Dimensions GmbH
14:15	<p>Panel: Tools, Best Practices, and Standards for Utilizing Citizen Science for GEOSS</p> <p>Moderator: Krystal Wilson, Secure World Foundation</p> <ul style="list-style-type: none">• Anne Bowser, Wilson Center• Dixon Butler, Youth Learning as Citizen Environmental Scientists• Max Craglia, Joint Research Center• Steffen Fritz, International Institute for Applied Science System Analysis
16:15	<p>Group Discussion: Prioritization of Citizen Science as GEO Activity</p> <p>Moderator: Joan Masó, Center for Ecological Research and Forestry</p>
17:00	Closing Remarks and Next Steps
17:30	Adjourn

Live Stream - <http://www.earthobservations.org/geo14.php?seid=577>



The growth of citizen science is a global phenomenon. In the United States, the scientific impacts of citizen science are recognized by 60 federal agencies and organizations, which coordinate and support hundreds of citizen science projects. In Europe, the European Commission continues to fund Citizen Observatories, beginning with the FP7 Programme and extending through active projects Ground Truth 2.0, LandSense, SCENT, and GROW. Similar initiatives are emerging in other parts of the world.

GEO can benefit from these initiatives if standards and best practices in managing (collection, representation, annotation, processing) crowd-sourced data are promoted. There is a need to explore the linkages of citizen data to the GEOSS and its common infrastructure (GCI), identify activities necessary for scaling up (examples are GBIF contributions, Mosquito Alert-UN...), and investigate methods and tools to integrate citizens-generated data with authoritative ones. This should be done in coordination with other GEO initiatives such as GEOBON. In this meeting, we will know more about existing citizen science projects and observatories and will discuss evolving standards and best practices for citizen-observed data management and ways to integrate citizen-acquired with established data sources.

For more information please visit: <https://swfound.org/events/2017/the-role-of-citizen-observatories-and-crowdsourcing-community-in-geoss>

