

GEO Work Programme Symposium

Breakout session 11.3 - Energy and Mineral Resources Management

Tuesday, 3 May, 14:00-18:00

*“GEO will advocate the value of Earth observations, engage communities and deliver data and information in support of **Energy and Mineral Resources Management** by enhancing the discovery, development and sustainable production of mineral and renewable energy resources; in order to facilitate substantial increases in the share of renewable energy in the global energy mix, through usable, actionable information on resource assessment, monitoring and forecasting of intermittent energy sources, including solar, wind, ocean, hydropower, geo-thermal power and biomass.”*

Session objectives:

1. Identify the key objectives for each SBA in the medium and long term (addressing involvement of specific communities/Institutions, user needs/policies to address, development of new methodologies /applications...). This initial set of objectives should develop into a consolidated SBA’s scenarios and roadmaps that will serve as a reference for GEO Members and PO’s to plan and implement future actions.
2. Provide recommendations on activities to be included in the 2017-2019 GEO Work Programme, as a result of the discussion on activities currently included in the 2016 Work Programme + new ideas.
3. Provide initial recommendations on the data, information and knowledge that should be made accessible through the GEO Portal
4. Discuss and provide initial recommendations on how to structure dedicated SBA community (ies) as a permanent consultation forum and major actor for the implementation of the SBA User needs process and the GEO knowledge base development, described in the foundational tasks GD-08 and GD-09 respectively.

The discussion is an important element of all breakout sessions. The outcomes will be reported back to Plenary on the next day.

Co-Chairs: Thierry Ranchin (MINES Paris Tech), Stéphane Chevrel (BRGM)

Rapporteur: André Obregón (GEO Secretariat)

Preliminary Agenda

<i>Time</i>	<i>Activity</i>
14:00-14:15	Introduction and stage setting
14:15-15:30	<p>Part A: Renewable Energies (<i>Chair: Thierry Ranchin</i>)</p> <p>Presentations</p> <ul style="list-style-type: none"> • <i>GEO Renewable Energy Initiative, Thierry Ranchin (MINES ParisTech)</i> • <i>Global Atlas for Renewable Energy, Nicolas Fichaux (IRENA) -remote-</i> • <i>Outcomes of the Energy Stakeholder Ideation Workshop, Richard Eckman (NASA)</i> <p>Discussion</p> <p>Output products:</p> <ul style="list-style-type: none"> • Recommended activities for the 2017-2019 GEO Work Programme (Objective 2) • List of recommended datasets, information, knowledge (Objective 3)
15:30-16:00	Coffee Break
16:00-17:15	<p>Part B: Mineral Resources (<i>Chair: Stéphane Chevrel</i>)</p> <p>Presentations</p> <ul style="list-style-type: none"> • <i>GEO Community Activity on Mineral Resources, Stéphane Chevrel (BRGM)</i> • <i>ASTER Global Geoscience Product, Michael Abrams (JPL)</i> • <i>EuroGeoSurveys contribution to the GEO 'Energy and Minerals, Luca Demicheli (EuroGeoSurveys)</i> <p>Discussion</p> <p>Output products:</p> <ul style="list-style-type: none"> • Recommended activities for the 2017-2019 GEO Work Programme (Objective 2) • List of recommended datasets, information, knowledge (Objective 3)
17:15-18:00	<p>Part C: General discussion</p> <p>Output products:</p> <ul style="list-style-type: none"> • List of key objectives for the SBA (Objective 1) • List of recommendations on how to organize the SBA community (Objective 4)