

Belmont Forum Collaborative Research Action on Transdisciplinary Research for Pathways to Sustainability

Annex Group on Earth Observations (GEO)

Partner Organization

The Group on Earth Observations (GEO) is a partnership of 111 UN Member States and in excess of 120 international partner organisations that envision a future where decisions and actions for the benefit of humankind are informed by coordinated, comprehensive and sustained Earth observations (EO). GEO is a global network connecting government institutions, academic and research institutions, businesses, engineers, scientists, policy experts and EO practitioners to create innovative solutions to global challenges at a time of exponential data growth, human development and climate change that transcend national and disciplinary boundaries. The unprecedented global collaboration of the GEO community helps identify gaps and reduce duplication in the areas of sustainable development and sound environmental management. More information on GEO can be found here: <http://www.earthobservations.org/index.php>.

Interest in the call

GEO is a Partner Organization to the CRA Pathways. Through its 2020-2022 Work Programme http://www.earthobservations.org/geoss_wp.php GEO develops and coordinates over 60 joint activities led by its Members, Participating Organizations and Associates. These activities aim to respond to the global priorities including supporting the UN 2030 Agenda for Sustainable Development, the Paris Agreement on Climate Change and the Sendai Framework for Disaster Risk Reduction.

GEO’s main stake in the call involves targeting the Sustainable Development Goals (SDGs) addressed by activities in the GEO Work Programme, namely SDG 2 (Zero Hunger), SDG 3 (Good Health and Well-being), SDG 6 (Clean Water and Sanitation), SDG 7 (Affordable and Clean Energy), SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action), SDG 14 (Life below Water), SDG 15 (Life on Land), SDG 17 (Partnerships for the Goals).

In particular, through this call, GEO intends to gather interest to integrate, support, or scale up the work being undertaken by the following activities in the GEO Work Programme:

GEO Work Programme activity	#SDG addressed
GEO Global Agricultural Monitoring Flagship Initiative (GEOGLAM) http://www.earthobservations.org/documents/gwp20_22/GEOGLAM.pdf	2, 13
Global Forest Observations Initiative (GFOI) http://www.earthobservations.org/documents/gwp20_22/GFOI.pdf	13, 15, 17

GEO Biodiversity Observation Network (GEOBON)	http://www.earthobservations.org/documents/gwp20_22/GEO-BON.pdf	2, 3, 6, 13, 14, 15
GEO Initiative on Land Degradation Neutrality (GEO LDN)	http://www.earthobservations.org/documents/gwp20_22/GEO-LDN.pdf	15
Earth Observations for Sustainable Development Goals (EO4SDG) Initiative	http://www.earthobservations.org/documents/gwp20_22/EO4SDG.pdf	2, 6, 7, 11, 13, 14, 15, 17

Resources available

GEO is pleased to offer in-kind contribution including:

- Networking platform of 111 Members, 129 Participating Organizations, and 13 Associates worldwide that ensures projects are linked to key stakeholders;
- Access to in-kind technical support and ongoing capacity development through the GEO Work Programme activities to ensure projects achieve their intended impact;
- Access to datasets, protocols and methods, through the GEO Knowledge Hub, a central digital archive providing access to codified knowledge, featuring replicable, open science workflows for applications using big Earth observation data to support sustainable development;
- Access to cloud credits for proposals in collaboration with Google Earth Engine (GEE), including the possibility of teaming up with existing initiatives funded by GEE.

Eligibility requirements

Eligible applications must come from countries that are GEO Members. The full list of GEO Members is available here: <http://www.earthobservations.org/members.php>.

Contact persons

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