

# Overview of the Group on Earth Observations

**SAON Board Teleconference, 3 December 2018**

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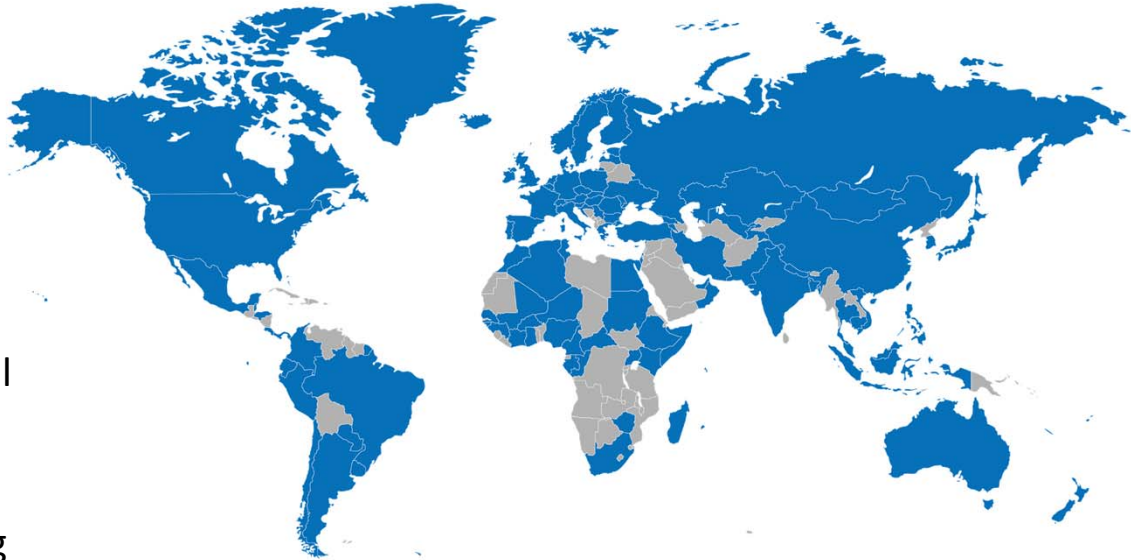
**The Group on Earth Observations (GEO) is an intergovernmental organization working to improve the availability, access, understanding and use of Earth Observations for the benefit of society**

GEO acts by:

**Advocating** the importance of Earth observations, their protection, integration and free and open accessibility

**Engaging** stakeholders and fostering strategic partnerships to address global and regional challenges

**Delivering** data, information and knowledge to improve decision making



Africa: 27 - Asia/Oceania - 21, Europe: 34 - C.I.S: 7 - Americas: 16

**Total: 105**



# The GEO Work Programme is the compilation of all collaborative activities undertaken by GEO Members and Participating Organizations within the GEO framework.

GEO Flagships					
GEO Biodiversity Observation Network (GEO BON)	GEO Global Agricultural Monitoring (GEOGLAM)	Global Forest Observation Initiative (GFOI)	Global Observation System for Mercury (GOS4M)		
GEO Initiatives					
AfrigeOSS: Reinforcing Regional African Engagement	AmeriGEOSS	AquaWatch	Asia-Oceania GEOSS (AOGEOSS)	Climate Change Impact Observation On Africa's Coastal Zones (GEO-CCTOoACZ)	Data Access for Risk Management (GEO-DARMA)
Earth Observations for Ecosystem Accounting (EO4EA)	Earth Observations in Service of the 2030 Agenda for Sustainable Development	EuroGEOSS	GEO Carbon and GHG Initiative	GEO Cold Regions Initiative (GEOCRI)	GEO Geohazard Supersites and Natural Laboratories (GSNL)
GEO Global Ecosystem Initiative (GEO ECO)	GEO Global Network for Observation and Information in Mountain Environments (GEO-GNOME)	GEO Global Water Sustainability (GEOGLOWS)	GEO Human Planet Initiative: Spatial Modelling of Impact, Exposure and Access to Resources	GEO Land Degradation Neutrality	GEO Vision for Energy (GEO-VENER)
GEO Wetlands Initiative	GEO-CRADLE	GEOSS-EVOLVE	Global Drought Information System (GDIS)	Global Observation System for Persistent Organic Pollutants (GOS4POPS)	Global Urban Observation and Information
Global Wildfire Information System (GWIS)	Oceans and Society: Blue Planet				

Foundational Tasks					
GEOSS Development and GCI Operations			Community Development	Secretariat Operations	
Advancing GEOSS Data Sharing Principles	GCI Operations	GEONETCast	Capacity Building Coordination	Communication and Engagement	Management and Support
GEOSS In-Situ Earth Observation Resources	GEOSS Satellite Earth Observation Resources	User Needs and Gap Analysis		Monitoring and Evaluation	
Community Activities					
Access to climate data in GEOSS	Earth Observations for Geohazards, Land Degradation and Environmental Monitoring	Global Mangrove Monitoring			
Advancing Communication Networks	Earth Observations for Health (EO4HEALTH)	Harmful Algal Bloom (HAB) Early Warning System			
African Geochemical Baselines	Earth Observations for Managing Mineral Resources	Himalayan GEOSS			
Airnow International: Expanding Networks and Integrating Methods for Air Quality and Health Data	Earth Observations for the Water-Energy-Food (W-E-F) Nexus	In-Situ Observations and Practices for the Water Cycle			
Chinese Tsunami Mitigation System	Earth2Observe	Integrated City-Region Systems Modelling: resilience.io			
Copernicus Atmospheric Monitoring Service (CAMS)	Forest Biodiversity in Asia and the Pacific Region: Capacity Building Phase	Land Cover and Land Cover Change			
Copernicus Climate Change Service (C3S)	Geodata for Agriculture and Water (G4AW)	Research Data Science Summer Schools			
Data Analysis and Integration System (DIAS)	GFCS - GEO Collaboration	Socio-Economic Benefits of Earth Observations			
Digital GEOMUSEUM	Global Agricultural Drought Monitoring	Space and Security			
Earth Observations and Citizen Science	Global Ecosystems and Environment Observation Analysis Report Cooperation (GEOARC)	Synergized Multi-Source Remote Sensing Products and Services			
Earth Observations for Cultural Heritage Documentation	Global Flood Awareness System (GloFAS)	TIGGE (ThorpeX Interactive Grand Global Ensemble) evolution into a Global Interactive Forecast System (GIFS)			
Earth Observations for Disaster Risk Management	Global Flood Risk Monitoring				

[http://www.earthobservations.org/geoss\\_wp.php](http://www.earthobservations.org/geoss_wp.php)

**The collaborative activities that make up the GEO Work Programme are classified into 5 distinct types that reflect different roles and different stages of maturity.**



**GEO's aim to support the achievement of global policy priorities has taken on renewed urgency in its current focus on Agenda 2030, the Paris Agreement and the Sendai Framework.**



**PARIS2015**  
UN CLIMATE CHANGE CONFERENCE  
**COP21·CMP11**



UN World Conference on  
Disaster Risk Reduction  
2015 Sendai Japan



Convention on  
Biological Diversity



United Nations  
Convention to Combat  
Desertification





# Contact Us

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Collaborate and communicate with GEO:

