

Update on GEO Activities

Rui Kotani

DRR Coordinator, GEO Secretariat

Summary

1. Recent Events & Activities
2. GEO Symposium / Plenary in May
3. Post-2025 GWP Programme Phase II

1. Recent DRR events & activities

COP30



Earth Information Day 2025

Monday, November 10 2025, 15:00 – 18:00 hrs,
Main Plenary II



In collaboration with 6 POs



Advances in sustaining systematic observations Update from Earth Observation initiatives

Florence Rabier (ECMWF on behalf of CEOS/CGMS and GEO)
Markus Repnik (Systematic Observations Financing Facility SOFF)



❖ Appreciation to CEOS for close coordination/collaboration at EID 2025 --- *joint presentation & coordinated messaging*

CEOS EO Handbook on Adaptation and Resilience

- ❖ Call for expression of interest launched on 12 Dec 2025.
- ❖ Receiving around 30 submissions.



CEOS

The 2026 Earth Observation Handbook: Adaptation and Resilience

Submit your case study!

We are looking for stories about practical projects with demonstrated results, which explain the role of EO satellite data in helping to solve specific adaptation and resilience problems.

→ Proposals due: **20th March**
ONE WEEK LEFT!

→ Completed stories due (if selected): **24th April**

More info:
eohandbook.com/2026casestudies
casestudies@eohandbook.com



GWP Open House Webinar #1

GEO Work Programme Open House Webinar #1

WEATHER, HAZARD AND DISASTER RESILIENCE

 **Wed 3 December**  **1.30-3.30pm CET**

Join us to explore how activities in the Post-2025 GEO Work Programme are advancing #EarthIntelligenceforAll.



#EarthIntelligenceforAll

"This is the start of something valuable: an open space for learning across the Work Programme and a chance to demonstrate the power of Earth Intelligence for All."

Amos Kabo-Bah

GEO PB Co-chair

Featuring

5

Activities

Over

2

hours

More than

70

participants

GWP Open House Webinar #1



Geohazard Supersites and
Natural Laboratories



NIGHT-LIGHT

Night-Time Light Remote Sensing
for Sustainable Development Goals



SLOPE-RISK-GPT

A Decision-Making System
for Slope Risk Deduction



GWIS

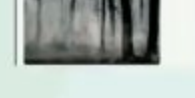
Global Wildfire Information System



Space and Security

Theme

**Weather, Hazard,
and Disaster
Resilience**



GEO Open House Webinar Series

GEO GROUP ON
EARTH OBSERVATIONS

GEO Work Programme Open House Webinar #2

DISASTER RISK REDUCTION (DRR)–CLIMATE–BIODIVERSITY NEXUS

 **Tues 24 March**  **1.30-3.30pm CET**

Join us to explore how activities in the Post-2025 GEO Work Programme are advancing #EarthIntelligenceforAll.



Register here



- ❖ Theme on DRR-Climate-Biodiversity nexus.
- ❖ Featuring 3 (out of 5) activities that CEOS participates.
- ❖ Highlighting innovative approaches (e.g. new EO satellites, AI/ML).

GEO-REAP joint session at Humanitarian Networks and Partnerships Weeks 2026

Earth Intelligence for Humanitarian Action:
GEO Solutions for Early Warning, Crisis
Response, and Community Resilience

10 March 4-5.30 PM CET

SALLE NYON, VAREMBÉ CONFERENCE CENTRE



Event page



Opening Context: Earth Observations for Humanitarian Decision- Making

GEO Activity Highlights



Ronald Jackson
Head of the Disaster Risk
Reduction and Recovery for
Building Resilience Team

United Nations
Development Programme
(UNDP)



RO



**Andrew
Eddy**



2. GEO Symposium 2026

Geneva, Switzerland
26-28 May 2026

#EarthIntelligenceforAll

**Investing
in Earth
Intelligence
for a resilient
future**

2026 **GEO** SYMPOSIUM
& GEO-21 PLENARY

OBJECTIVES

1. Showcase cutting-edge innovations
2. Foster new partnerships
3. Advance implementation viability
4. Mobilize investment
5. Integrate an Open Data and Open Knowledge Workshop (ODOK) into the programme

Town Hall

Community Event

Showcase

Poster

News Release



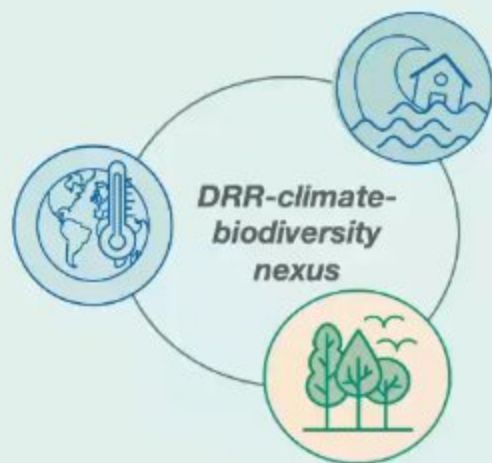
- ❖ **Deadline for registration & Sponsorship: 31 March**
- ❖ **Proposal feedback by the end of March**

REGISTER HERE →

<https://earthobservations.org/about-us/events/2026-geo-symposium-geo-21-pleinary>

Proposed event: Joint WG meeting

Potential joint activities to align 3 WG priorities + GWP activities



1. Urban in-situ observation **user needs & requirements**
2. In-Situ **data coordination** for urban risk & resilience
3. In-Situ data & knowledge exchange in the **GKH**

3. Post-2025 GEO Work Programme Phase II Development

Objectives of GWP Phase II Development

Develop detailed workplans

Complete information gaps from Phase I

Support category transitions

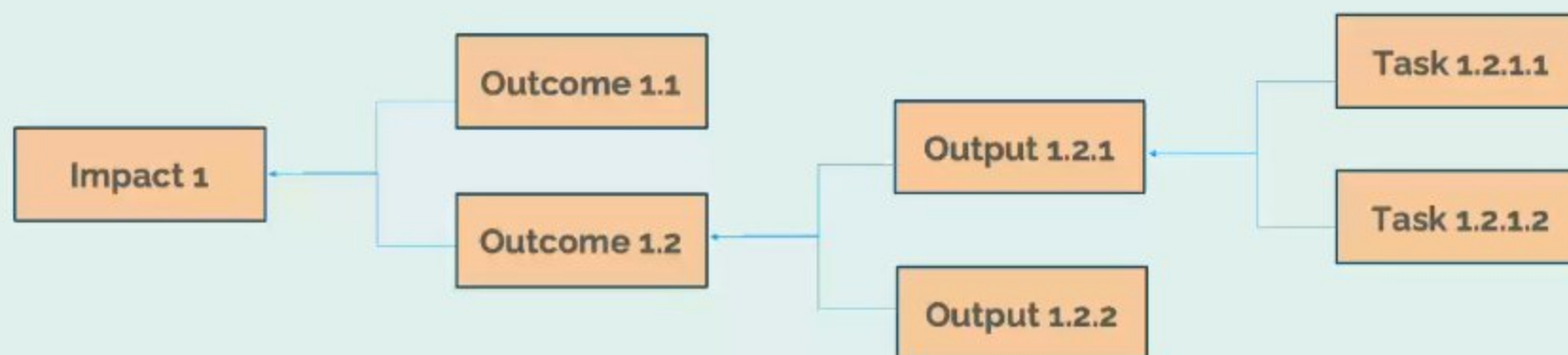
Align with GEO branding

Roadmap for GWP Phase II Development



Source: GEO PB-33

R2O new fields: detailed workplan



Overall impact	Outcome	Output	Success indicator	Baseline	Target	Start month/year	End month/year

Phase II

Workplan based on Results Framework

Integrated New Fields into GWP System

GEO Global Agricultural Monitoring - R20 - Phase II

Status: [Viewing & Editing](#)

- Basic Information
- Summary
- Product, User and Impact
- Open Data, Knowledge and Information
- Workplan**
- Team, Mentor and Mentorship
- Sustainability
- Accelerators (optional)
- Other Information
- GEO Reviewing Compliance Statement
- Form Completed

Strategy

The GEOLAM initiative addresses significant agricultural monitoring and food security challenges, particularly in the Global South, where climate change, limited data access, and insufficient monitoring exacerbate food insecurity. In recent years, climate-induced crises have highlighted these vulnerabilities, with Southern Africa experiencing severe droughts affecting over 30 million people in 2024 and the Horn of Africa grappling with hunger affecting over 18 million people. While GEOLAM has made progress in advancing global agricultural monitoring, local capacities to effectively utilize Earth observation (EO) tools remain limited in many low- and middle-income countries, reducing their ability to respond to food insecurity proactively.

Results framework

reliability, and utility of data. When combined with EO data, these protocols improve the accuracy of crop and rangeland monitoring systems, enabling better assessments of agricultural conditions and resource needs. Innovations in digital data collection tools and training for field personnel further enhance the quality and timeliness of ground-level observations. Cause-and-Effect: Reliable and high-quality data supports precise monitoring, enabling targeted interventions to address production shortfalls and food security risks.

Export Proposal

Overall Impact

Increased food security. Strengthened national crop monitoring systems. Operational Crop Monitors. Monthly crop/rangeland condition reports.

No more than 4 outcomes

Outcome 1

Outcome:

Strengthened national crop monitoring systems

Indicator

Baseline

Target

Start month/year

End month/year

Please use MM/YYYY format (e.g., 01/2025)

Please use MM/YYYY format (e.g., 01/2025)

Thank you!

Group on Earth Observations

7 bis, avenue de la Paix,
Case postale 2300
CH-1211 Geneva, Switzerland

Secretariat@geosec.org

GEO GROUP ON
EARTH OBSERVATIONS