

TEC-GEO Joint knowledge product on innovation for risk knowledge

Rui Kotani, DRR Coordinator at GEO Secretariat

GEO: a global partnership focused on Earth observations for impact



What is GEO?

GEO is an **intergovernmental partnership** for people, nature, and the planet.

GEO promotes **open, equitable access** to Earth observation information to help decision makers understand and act on the global challenges of climate change, biodiversity loss and pollution, and achieve sustainable development.

GEO draws expertise from an extensive **global network** that includes 114 governments, 140 inter-governmental, [international](#) and regional [organizations](#), 19 private sector and civil society organizations and thousands of world-leading scientists.

The GEO Secretariat is hosted by the World Meteorological Organization (WMO).

including



What are Earth observations?

Earth observations are **data and information** collected about our planet.

This includes **space-based, surface-based** and other data and models as well as **citizen** observations.

Earth observations are **neutral and objective**, provide **reliable, timely and continuous information**.





a supporting implementing partner

of

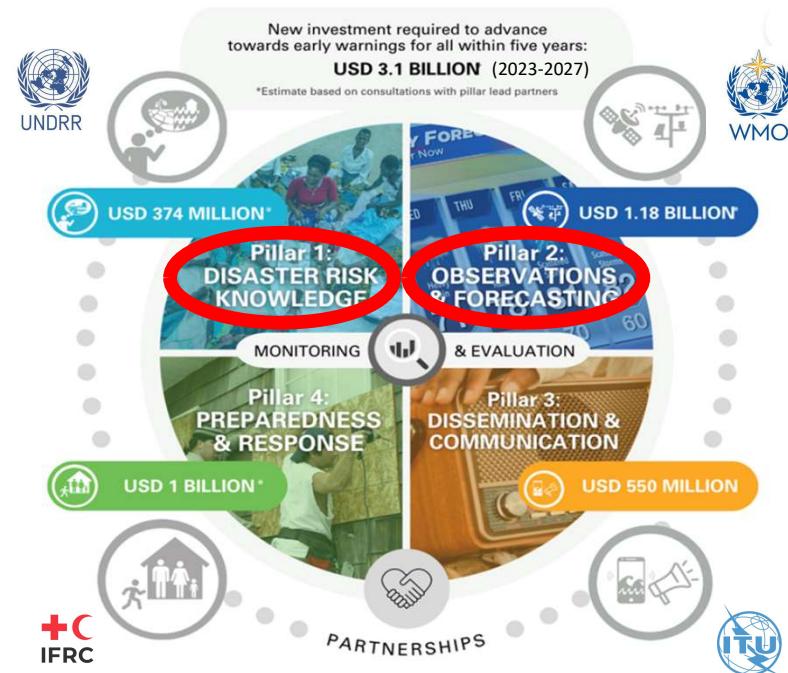


Figure 1: Budget overview for the four Pillars of the Early Warnings for All Initiative



Pillar 1 Structure



Disaster risk knowledge
Systematically collect data and undertake risk assessments


- Are the hazards and the vulnerabilities well known by the communities?
- What are the patterns and trends in these factors?
- Are risk maps and data widely available?



Pillar 1: 7 Risk Knowledge Outcome Themes

 Production of Risk Knowledge **1**

 Open Access to Risk Knowledge **2**

 Use of RK for EWS **3**

 Monitoring of effectiveness of EWS **4**

 Strengthened collaboration for RK **5**

 Inclusivity and Indigenous & local knowledge **6**

 Innovation for Risk Knowledge **7**

co-led by:



joined by:

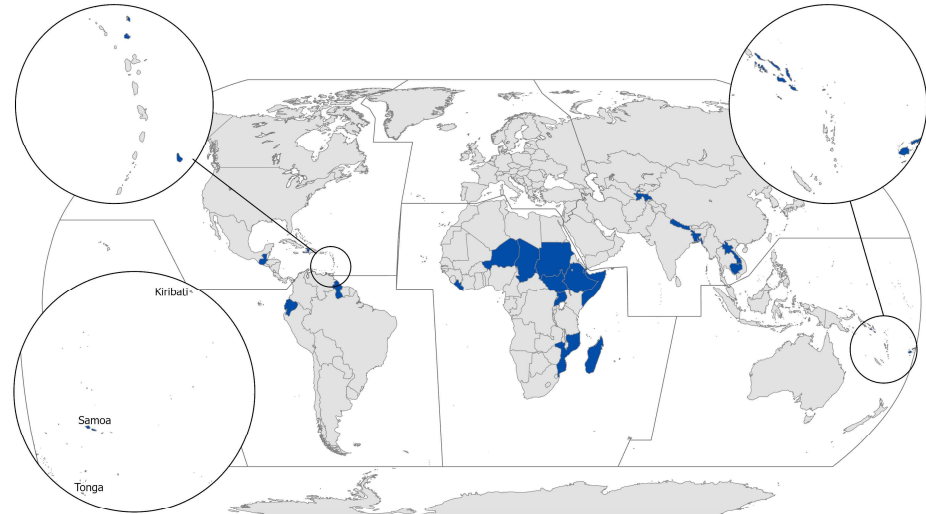




TEC-GEO knowledge product

Highlighting technology solution for improving risk knowledge in developing countries, especially LDCs and SIDS

Making it fit-for purpose under **Early Warnings for All**



RAI(13)	Chad	Comoros	Djibouti	Ethiopia	Liberia	Madagascar	Mauritius	Mozambique	Niger	Somalia	South Sudan	Sudan	Uganda
RAII(6)	Bangladesh	Cambodia	Lao People's Democratic Republic	Maldives	Nepal	Tajikistan							
RAIII(2)	Ecuador	Guyana											
RAIV(4)	Antigua Barbuda	Barbados	Haiti	Guatemala									
RAV(5)	Fiji	Kiribati	Samoa	Solomon Islands	Tonga								

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

The first EW4All group of 30 countries

Source: WMO Cyrille Honoré Presentation at Session 3 at GEO Symposium 2023

TEC-GEO knowledge product


Benefitting from **rich expertise of partners** 

Initiated engagements & consultations with EW4All partners, including :

- Interpillar AI subgroup

-  **secretariat**

-  **secretariat**

hosted by 

for potential areas for collaboration and synergy



photos: WMO

TEC-GEO knowledge product

GEO with its Earth observations experts are thrilled to working with the TEC and the activity group.

Remain open and eager to hear feedback of TEC in this meeting and beyond, including at GEO Week 2023

You are cordially invited. Please register by **6 October** at <https://www.earthobservations.org/geoweeek2023.php>.

6 -10 NOVEMBER
CAPE TOWN, South Africa

#TheEarthTalks

GEO WEEK 2023
Ministerial Summit

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Thank you!

██████████
Group on Earth Observations

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

██████████
Rui Kotani, DRR Coordinator
rkotani@geosec.org

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EARTH OBSERVATIONS