

Building Capacity for Drought Resilience: Announcing the EOTEC DevNet Drought Working Groups

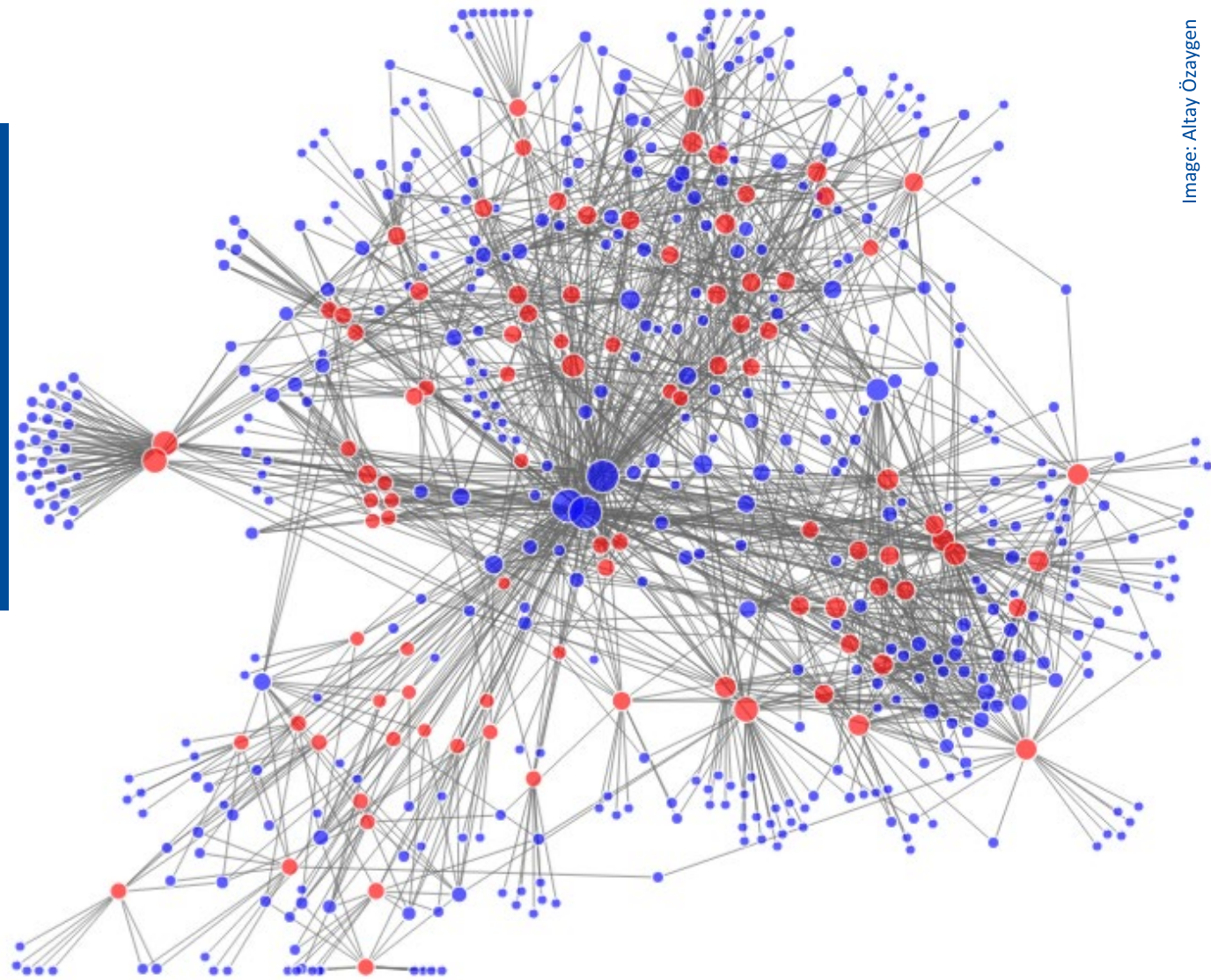


Image: Altay Özyaygen

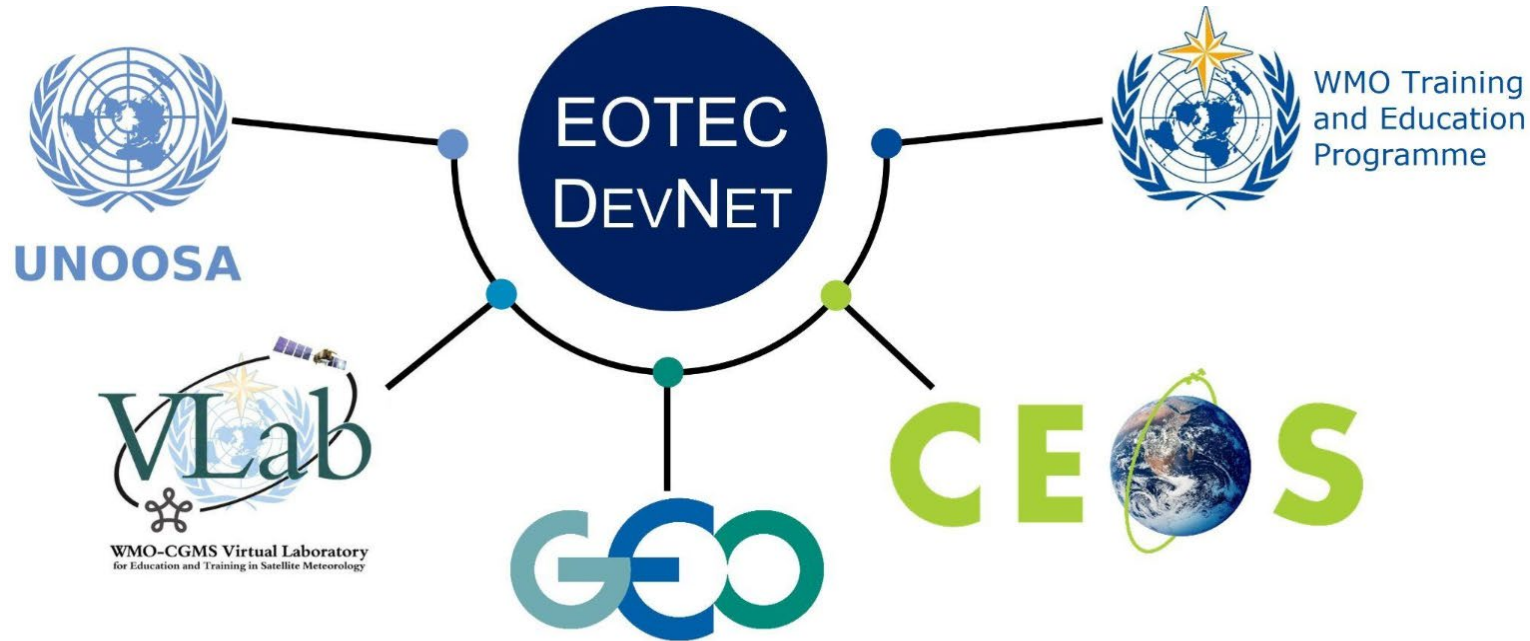
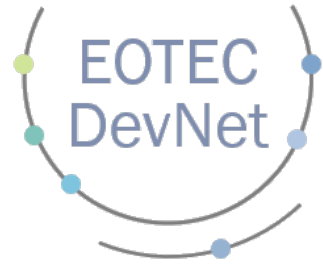
EARTH OBSERVATION TRAINING, EDUCATION, AND CAPACITY DEVELOPMENT NETWORK

MARTYNA A. STELMASZCZUK-GÓRSKA, EOTEC DEVNET SECRETARIAT

MARCH 2025

EOTEC DevNet in brief

Promoting collaboration among EO capacity providers



AIMS

- Improve collaboration among EO-capacity building providers
- Foster exchange of capacity building resources
- Reduce duplication

THEMATIC FOCUS

- Disaster risk reduction
- Climate adaptation and mitigation



eotecdev.net

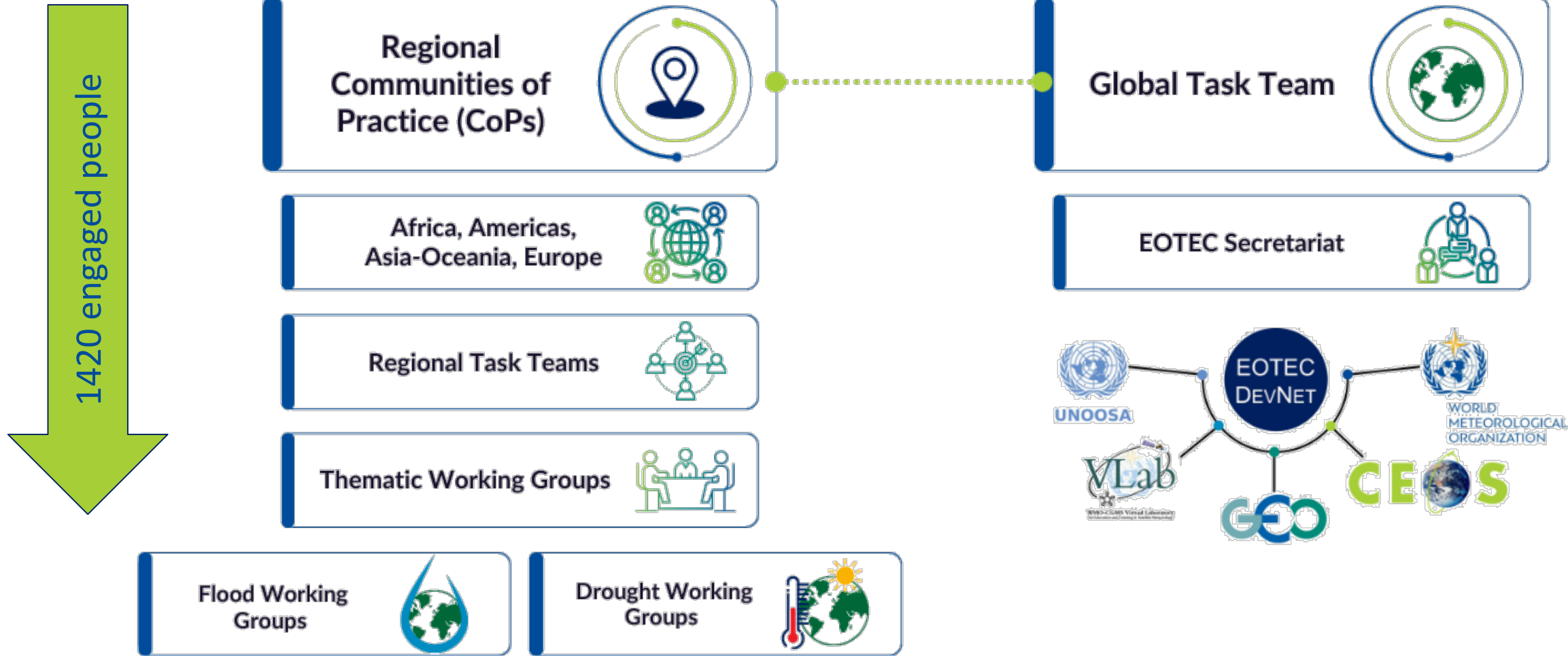


[@EOTEC DevNet](https://www.linkedin.com/company/eotec-devnet)



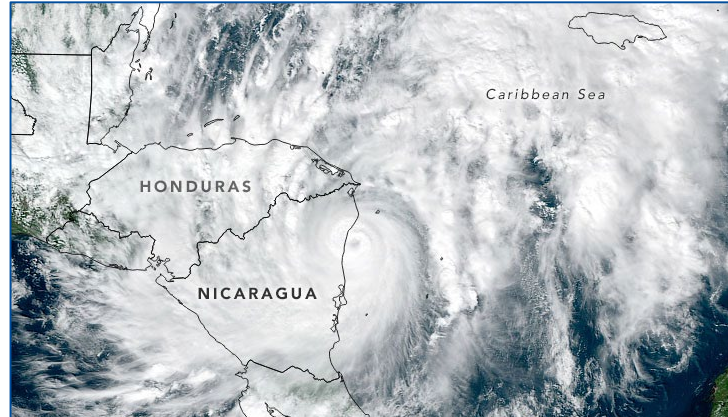
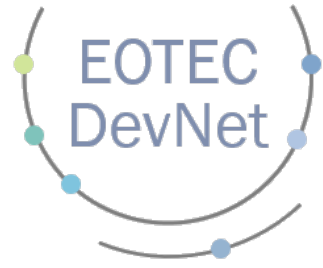
[@EOTECDevNet](https://twitter.com/EOTECDevNet)

How the network operates



Regional communities of practice drive our work

CoP volunteers collaborate on guidance/tools to make Earth information more accessible



Global case on flood extent tools

Flood tools tracker: <https://eotec-dev.ceos.org>

EOTEC DevNet Drought Data and Tools Matrix					
12-Feb-25					
Tool Name	Provider Organization	POC	Email	Input by (Name, Affiliation)	
Southeast Asia Drought Watch	ADPC	ADPC	c.net	Susantha Jayasinghe, ADPC	atci
UN-SPIDER Recommended Practice: Drought monitoring using the Standard Vegetation Index (SVI)	UNOOSA	Juan Carlos Villagran de Leon, UN-SPIDER	juan-carlos.villagran@un.org	Juan Carlos Villagran de Leon, UN-SPIDER	httr nde pdir
UN-SPIDER Recommended Practice: Drought monitoring using the Vegetation Condition Index (VCI)	UNOOSA	Juan Carlos Villagran de Leon, UN-SPIDER	juan-carlos.villagran@un.org	Juan Carlos Villagran de Leon, UN-SPIDER	httr nde pdir
UN-SPIDER Recommended Practice: Drought monitoring using the Standardized Precipitation Index (SPI)	UNOOSA	Juan Carlos Villagran de Leon, UN-SPIDER	juan-carlos.villagran@un.org	Juan Carlos Villagran de Leon, UN-SPIDER	httr nde pdir
South Asia Drought Monitoring System (SADMS)	IWMI	Giriraj Amarnath, IWMI	a.giriraj@cgiar.org	Giriraj Amarnath, IWMI	httr See and httr nd
Regional Drought Monitoring and Outlook System (RDMOS)	ICIMOD SERVIR-HKH	Rajesh Thapa Kiran Shukya Faizal Qamer	Kiran.Shukya@icimod.org	Tim Mayer, NASA SERVIR	httr nd
Africa Flood and Drought Monitor (WASA Secure Africa Initiatives)	IWMI	Giriraj Amarnath, IWMI	a.giriraj@cgiar.org	Giriraj Amarnath, IWMI	ESR
ClimateSERV	SERVIR			Sara Miller, NASA SERVIR	httr

Drought Tools Tracker in development

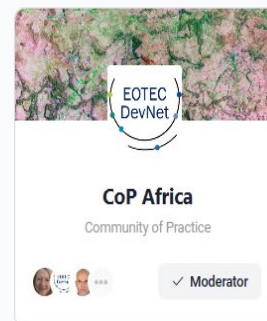
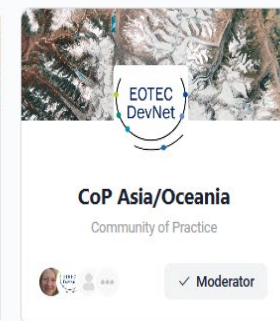
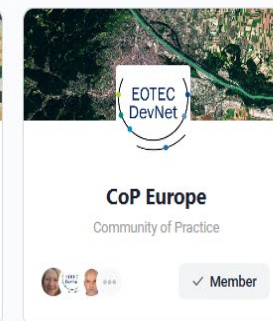
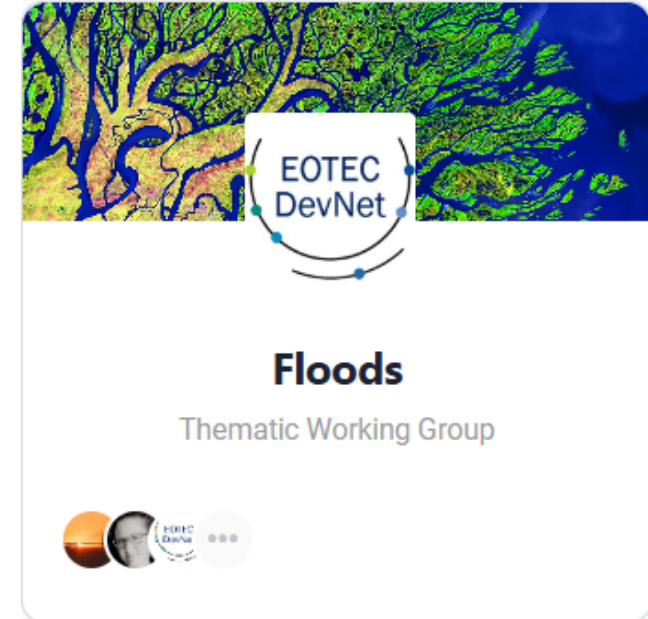
This sheet aggregates existing resources for capacity building needs assessments, especially related to Earth observations, GIS and related skills. Please add related resources, following the existing structure. Please add your name/email in Column H in case we need to follow up. Thanks!
REVISED 19 APRIL 2024

RESOURCE TITLE	LINK	PRODUCED BY?	REVIEWED BY NA TEAM? (If yes, who and when?)	DATE	GEOGRAPHIC FOCUS	TECHNICAL AREAS COVERED
Examples						
Skills shortages, gaps and mismatches between supply and (future) demand	http://www.eo4geo.eu/download/geo4geo_d1-5-skills-shortage-2023-and-mismatch-between-supply-and-future-demand_v2-20230604-41738-mapsforusers-454602382	EO4GEO		2019	Europe, adding business perspective	Personel
Business processes and occupational profiles	http://www.eo4geo.eu/download/d4_1_business-processes-and-occupational-profiles_v2-20230604-41738-mapsforusers-454602382	EO4GEO		2020	Europe, adding business perspective	Business Process
Preliminary needs assessment in the Caribbean	https://servir-clat.cgiar.org/first-steps-for-servir-amazonia-in-the-caribbean/	SERVIR		2022	Trinidad, Tobago, Barbados, Suriname, The Bahamas	DRR
User Needs Assessment Amazonia	https://cospace.cgiar.org/handle/10568/106379	SERVIR/Amazonia/Colombia		2019	Colombia	Infrastructure (general)
	https://cospace.cgiar.org/handle/10568/107870	SERVIR/Amazonia/Ecuador		2020	Ecuador	Infrastructure (general)
	https://cospace.cgiar.org/handle/10568/106380	SERVIR/Amazonia/Peru		2019	Peru	Infrastructure (general)
	https://cospace.cgiar.org/handle/10568/106378	SERVIR/Amazonia/Brazil		2019	Brazil	Infrastructure (general)
Mapping the Engagement of the 2020-2022 GEO Work Programme in Climate Action, Disaster Risk Reduction, and Capacity Development	https://www.ois.eartoobservations.org/oa_blog_obs.php?tid=554	GEO		2022	Global	DRR, climate
Capacity gaps and needs related to the implementation of NDC's plans (National Determined Contributions)	https://unfccc.int/sites/default/files/resource/PCCB_TP_capacity%20gaps%20and%20needs_NDCs_final.pdf	UNCC - PCCB (Paris Committee on Capacity Building)		2019	Global	Infrastructure (general)
Technical assessment mission approach	https://un-spider.org/advisory-support/advisory-missions/technical-assessment-mission/	UN SPIDER		Various	Global	Infrastructure (general)
Needs Analysis Report (Geo Work Program)	https://geosecretariat.unepa.org/sites/default/files/2020-08/2020-08-20-GeoWorkProgramNeedsAnalysisReport.pdf	GEO		2020	Global	Infrastructure (general)
Diagnosis and Gap Analysis, Capacity Building Action Plan. Workgroup Disasters. 2019	https://geo.cepal.org/contenidos/DT/Desastres/pdf/S08022_C0A1%20-%20Diagnosis%20and%20Cap%20Building%20Plan.pdf	UNGGIM - Americas		2019	Americas	DRR
National Earth Observation Assessment	https://geo.cepal.org/contenidos/DT/Desastres/pdf/S08022_C0A1%20-%20Diagnosis%20and%20Cap%20Building%20Plan.pdf	USGEO		2016	USA	Infrastructure (general)

EO Needs Assessment Guidance

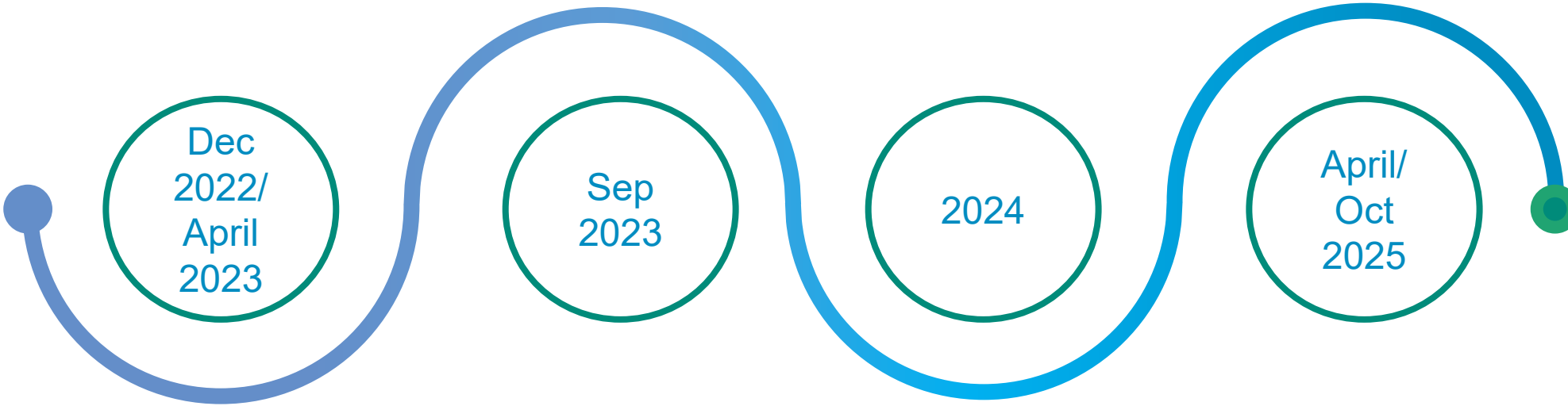
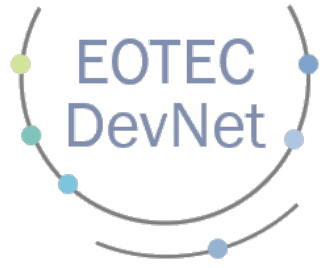
Identify gaps and set priorities for regional capacity building

- **Target Group:** Flood and Capacity Development Subject Matter Experts
- **Identify Needs & Engage at Regional Levels:** Regional groups led by local experts
- **Facilitate Collaboration:** 46 regional meetings and 1 thematic webinar took place since April 2022, 60+ colleagues actively involved
- **Collect & Share Resources:** Collaborate on the Flood Tools Tracker (35+ flood tools) and regional use cases (6)



Creating Drought Working Groups

Consultation + collaboration to build partnerships and find our niche



2 EOTEC community meetings

CONSULTATION on capacity building on **DROUGHTS**

25 participants at two meetings

Inaugural global meeting

PARTNERED with UNCCD, IMDP, others

Engaged experts on the **DROUGHT TOOLS TRACKER**

Active partnership

EOTEC - IDMP Partner

2 **JOINT WEBINARS** and **SIDE EVENT** at WMO Drought Resilience +10 event, more work on tracker

Biannual EOTEC drought WG mtgs

EXPERTS come together by region based on priorities set by each task team



Next Steps & How to Stay Involved

Join Our First Meetings in April to Connect, Learn, and Collaborate on Drought Management

- **Africa Region:** 9 April, 13:00 UTC
- **Americas Region:** 9 April, 13:00 UTC
- **Asia & Oceania Region:** 9 April, 04:00 UTC
- **Europe Region:** 9 April, 13:00 UTC

JOIN US!

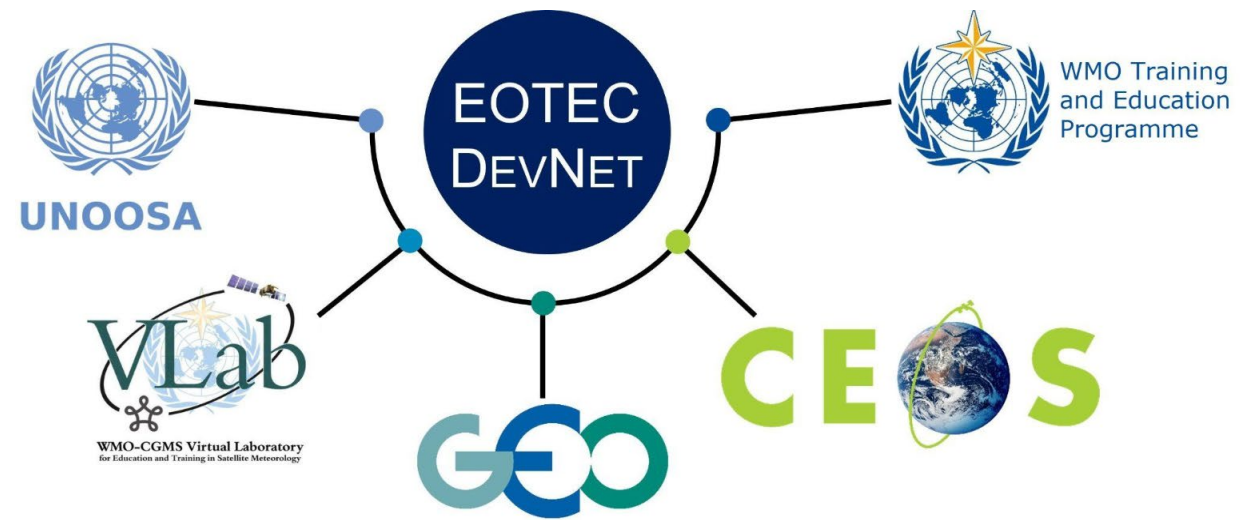
Visit
www.eotecdev.net



**Connect with
experts in
our online
communities**

Thank you for your attention!

EARTH OBSERVATION TRAINING, EDUCATION, AND CAPACITY DEVELOPMENT NETWORK



 eotecdev.net

 [@EOTEC DevNet](https://www.linkedin.com/company/eotecdevnet)

 [@EOTECDevNet](https://twitter.com/EOTECDevNet)

 secretariat@eotecdev.net