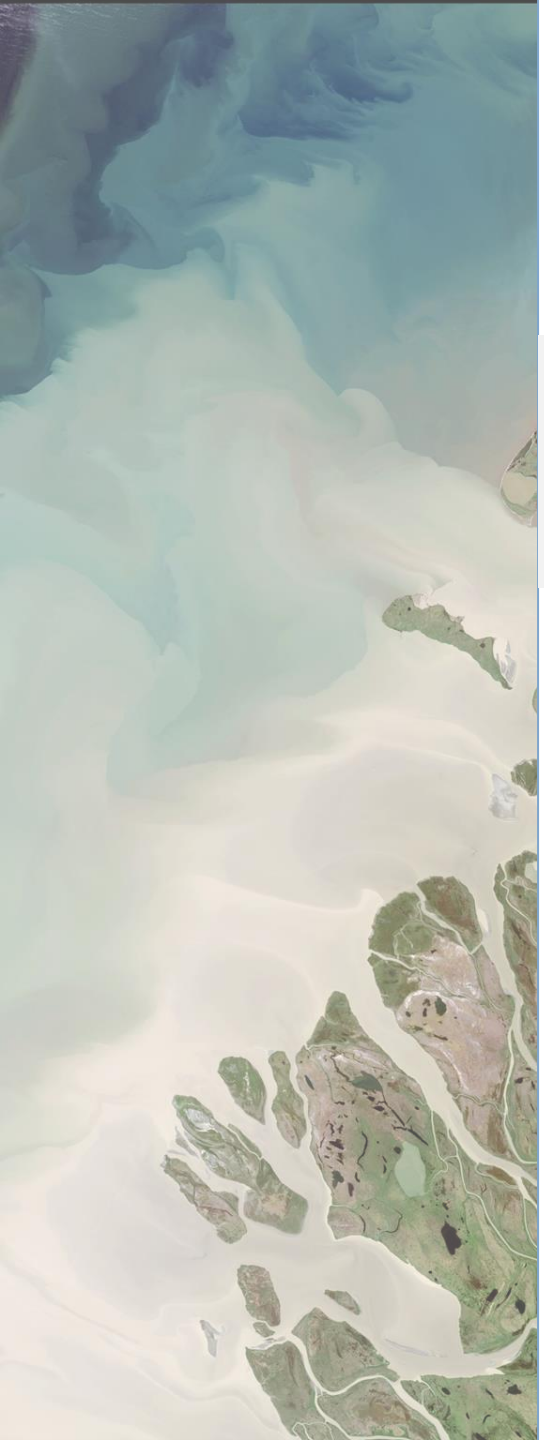


EOTEC DevNet

Earth Observation Training, Education, and Capacity Development Network

An initiative of the Committee on Earth Observation Satellites (CEOS)

Earth Observation Training, Education, and Development Network (EOTEC DevNet): A collaborative network of networks approach

Nancy D. Searby, Ph.D.
NASA/EOTEC DevNet leadership team

COPUOS Scientific and Technical Subcommittee, February 14, 2022

Committee on Earth Observation Satellites

Much in common with COPUOS

63 agencies operating 201 satellites

Priority on helping achieve UN goals

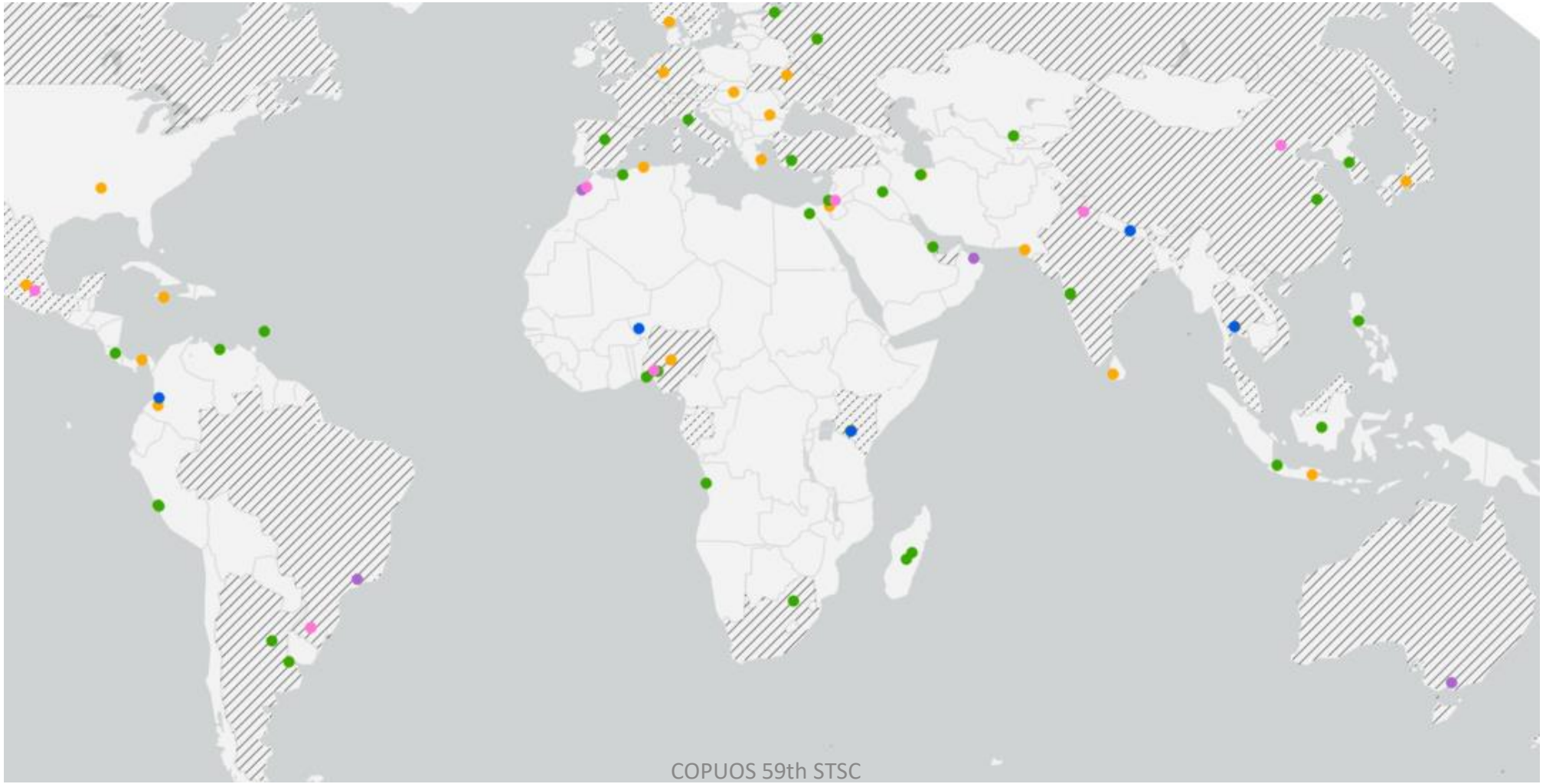
- 2030 Agenda for Sustainable Development
- Sendai Framework on Disaster Risk Reduction
- Paris Climate Agreement

2021-23 workplan has nearly 100 deliverables

- Actions on climate change, disasters, water, agriculture – and, of course, **capacity building**
- Highlights:
  - *Open Science and Decision Support*
  - *Carbon observations*
  - *Analysis-ready data*
  - ***EOTEC DevNet***

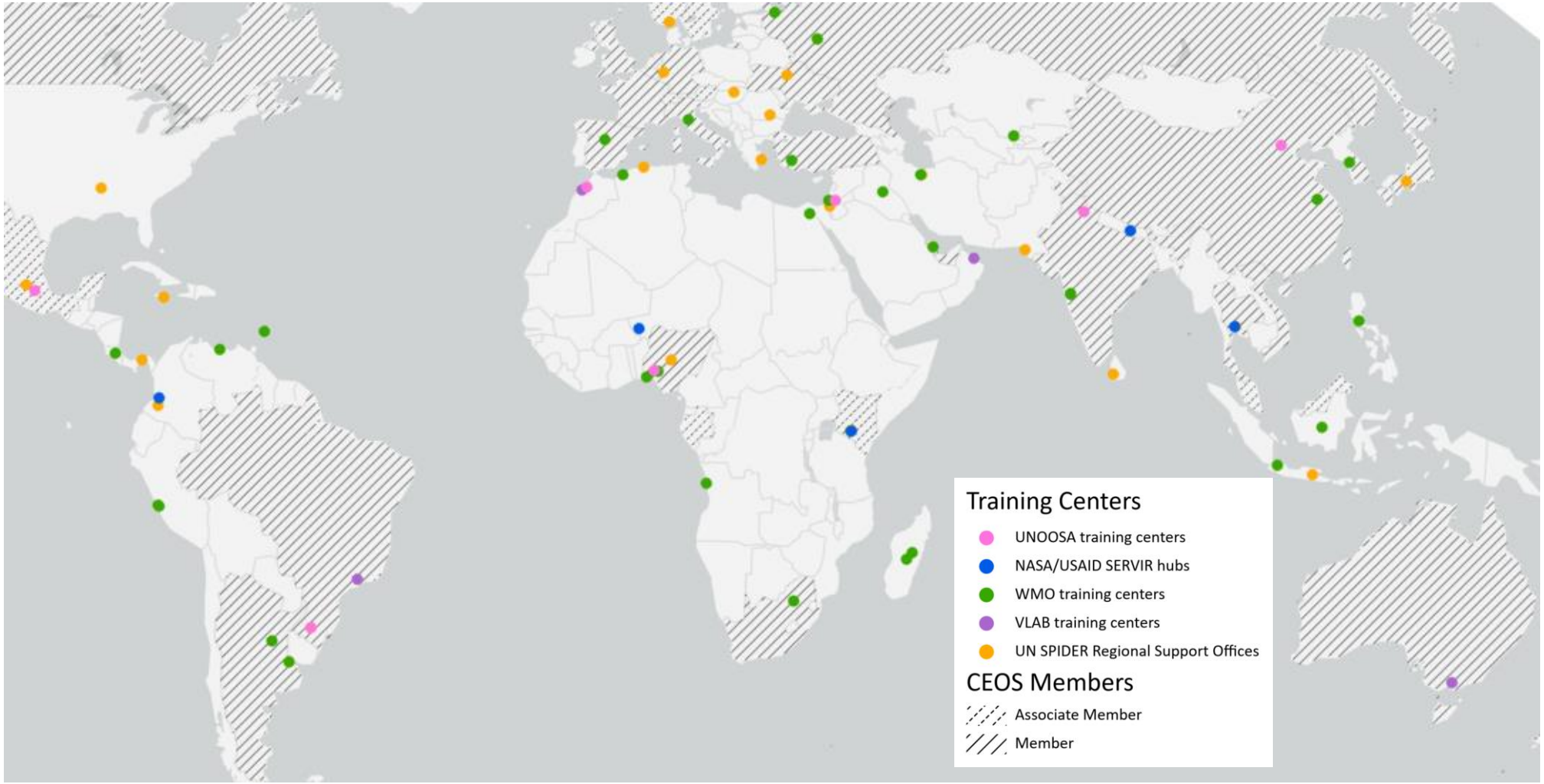
EOTEC DevNet

What do you see in this map?



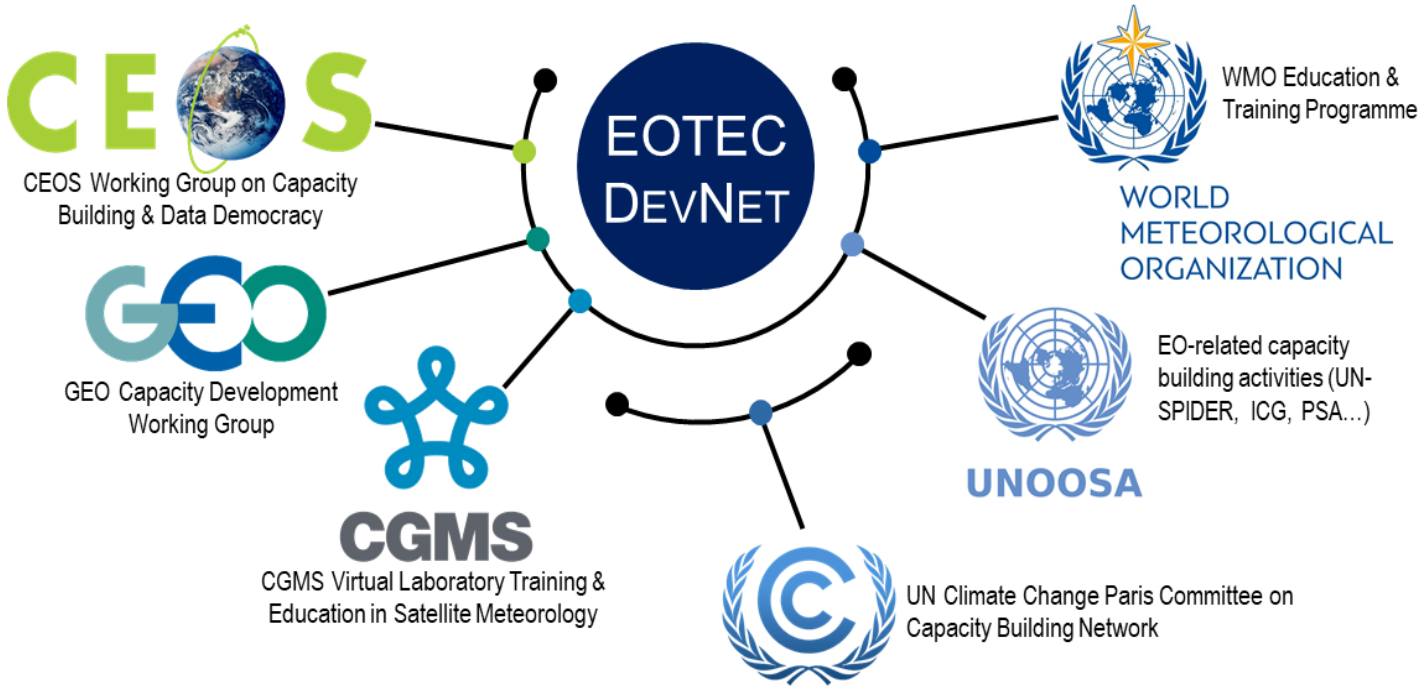
EOTEC DevNet

Leveraging a vast global network



Who we are

EOTEC DevNet Partners



AIM

- *Improve collaboration among EO-capacity building providers*
- *Foster exchange of capacity building resources*
- *Support needs assessment*

THEMATIC FOCUS: Global sustainable development outcomes related to disaster risk reduction, climate adaptation and climate mitigation

Who we are

The network we are building

Regional Communities of Practice (COP)

+

Global Structures

Africa, Americas, Asia/Oceania, Europe

Regional Task Teams

Thematic Working Groups

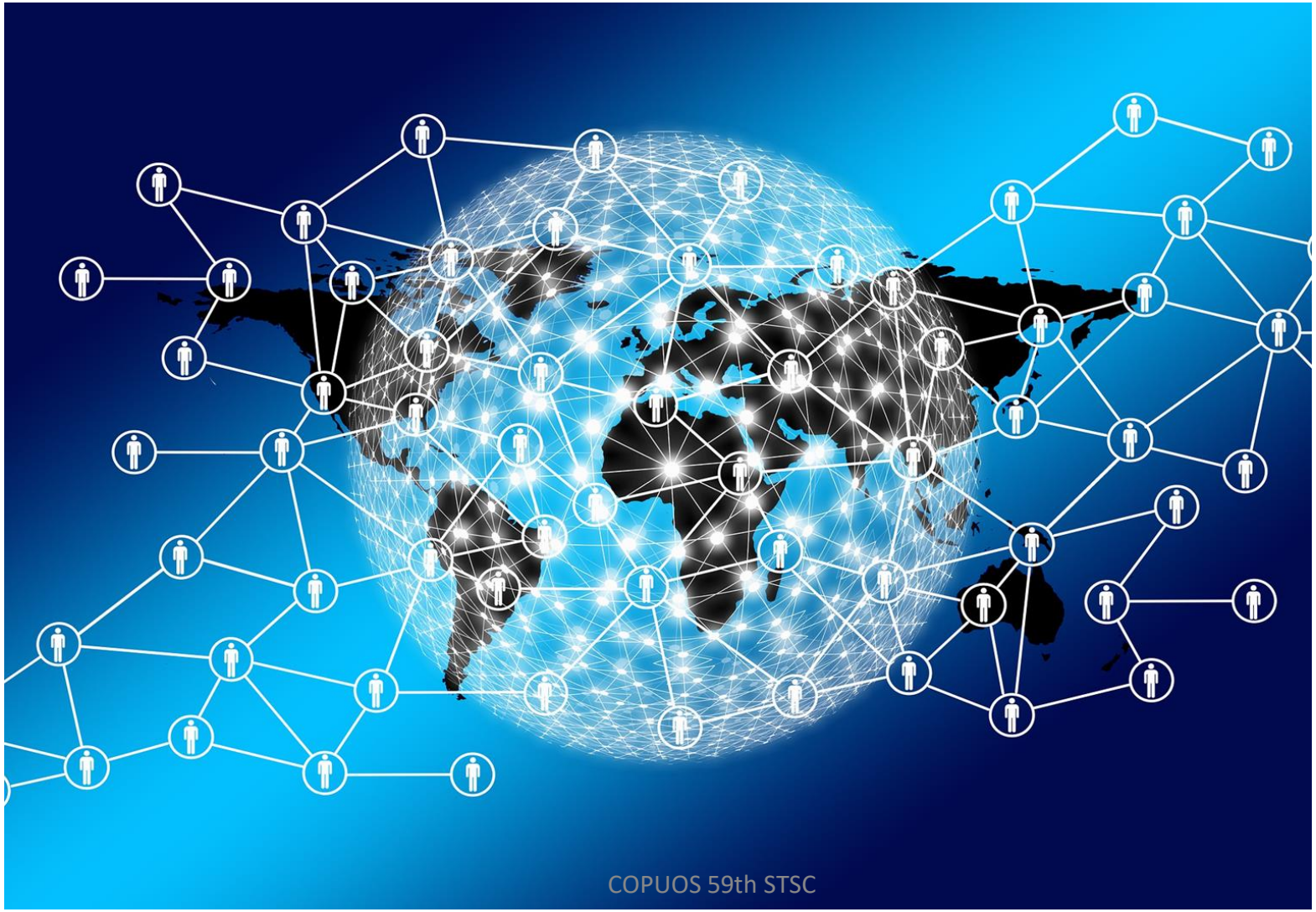
Leadership

Task Team

Secretariat

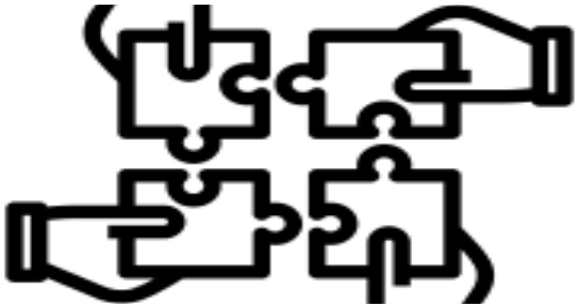
Regional communities of practice

Our biggest challenge and greatest opportunity



Regional communities of practice

Task teams lead; working groups by technical theme



Task teams

ROLE:

- Quarterly meetings with online collaboration in between
- Support work products, e.g. trackers on existing tools
- Identify gaps and set priorities for regional capacity building
- Support thematic working groups

Thematic working groups

ROLE:

- Meetings twice/year with online collaboration in between
- Support work by theme, e.g., floods, droughts, wildfires, landslides
- Identify gaps and set priorities for regional capacity building

EOTEC work products

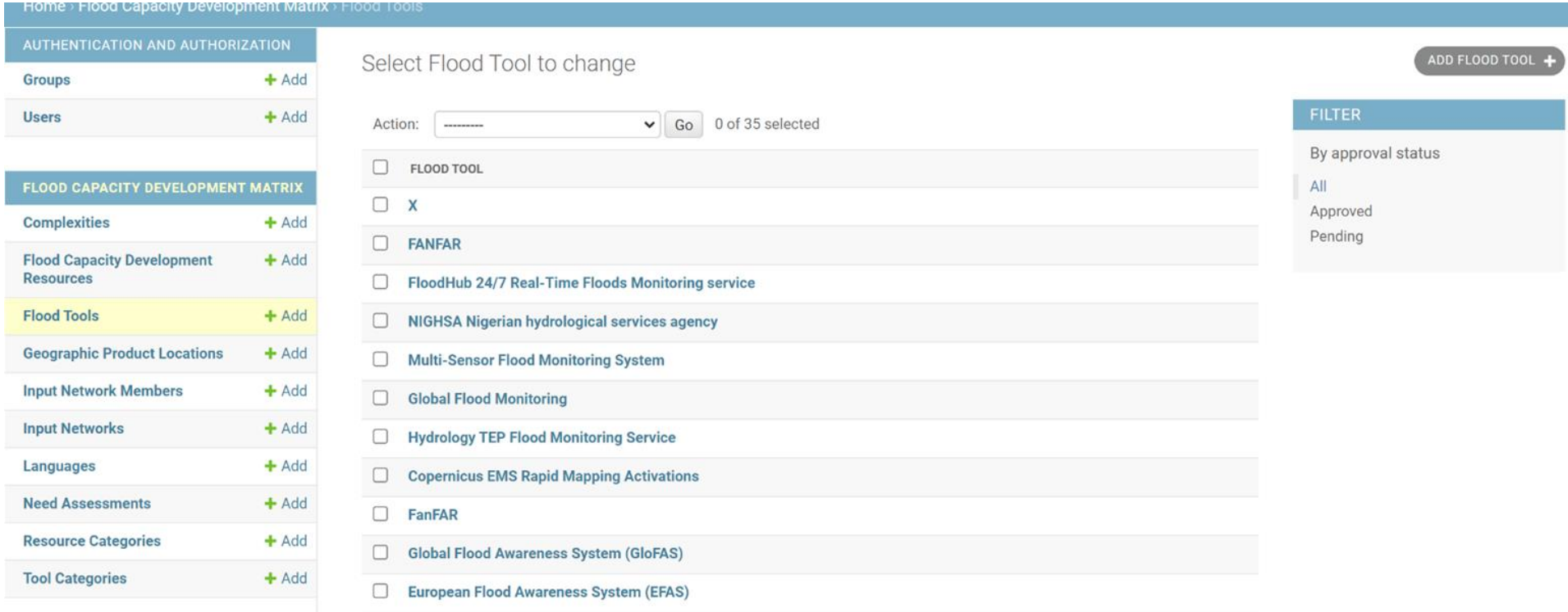
Tracker for capacity building flood tools in progress

The tracker covers:

- Tools for flood forecasting, response and risk management
- Relevant capacity building resources
- Gaps in both tools and available capacity building

- To be hosted on CEOS.org

- Anticipated launch in mid-2022



Regional communities of practice

Benefits of participation

- ✔ *Connect and build relationships with global and regional experts*
- ✔ *Tap into capacity building resources to support work "at home"*
- ✔ *Help set priorities for the region*
- ✔ *Find partners and identify opportunities for other collaborations*
- ✔ *Build professional skills and international experience*
- ✔ *Give back to the capacity building community*

Regional communities of practice

What's next: we need your help!

- Participate in the upcoming regional meetings – March 16 and 17
- Please share this information with your contacts and encourage them to join a community of practice
- Get more info and sign up for updates on our website

https://ceos.org/eotec

eotecdevnet@gmail.com