EARTH OBSERVATION TRAINING, EDUCATION, AND DEVELOPMENT NETWORK (EOTEC DevNet): A COLLABORATIVE NETWORK OF NETWORKS APPROACH

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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:
    o Open Science and Decision Support
    o Carbon observations
    o Analysis-ready data
    o EOTEC DevNet

COPUOS 59th STSC
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)
- Regional Task Teams
- Thematic Working Groups

Global Structures
- Leadership
- Task Team
- Secretariat

Africa, Americas, Asia/Oceania, Europe
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

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