



EOTEC DevNet Flood Tools Tracker

*Helping Users Find the Right Flood Tools and
Capacity Building Resources to Meet their Needs*

ERIN MARTIN

EARTH OBSERVATION TRAINING, EDUCATION AND CAPACITY
DEVELOPMENT NETWORK

5 JUNE 2024

What is the EOTEC Flood Tools Tracker?

- Searchable database with 35+ flood tools
- Enables filtering based on the disaster risk response stage, tool category, geographic domain, operational status and other criteria

Flood Tools

About Tools Capacity Development Resources Admin

Name contains

Disaster risk response stage
Forecasting
Response
Risk

Geographic domain
Global
Local
Regional

Region
Africa
Americas
Asia/Oceania
Europe

License type
Open Source
Proprietary

Status
In Development
Operational



Please browse the Flood Tools in our database by sorting through the list below.

You can narrow down the selection of relevant tools either by using filters on the left side of the screen or by selecting a country of interest on the map below. Please click on the "Filter" button to see the updated list or click "Clear" to get back to the full list again.

If you are aware of the flood tool that is currently not in our database, please submit it by filling the form [HERE](#).

Name <small>A-Z</small>	Disaster risk response stage	Category <small>A-Z</small>	Geographic domain	Region	License type <small>A-Z</small>	Status <small>A-Z</small>
Copernicus EMS Rapid Mapping Activations	Response	Flood Extent Mapping	Local, Regional	Global	Open Source	Operational
European Flood Awareness System (EFAS)	Forecasting, Response, Risk	Hybrid Tools	Regional	Europe	—	Operational
FanFAR	Risk	Flood Modeling	Regional	Africa	Open Source	Operational
FloodHub 24/7 Real-Time Floods Monitoring service	Forecasting, Risk	Flood Extent Mapping	Local	Europe	Proprietary with free and open access to all the relevant stakeholders.	Operational
Flood Inundation Damage Assessment System	Response, Risk	Hybrid Tools	Global, Regional	Asia/Oceania	—	Operational
FloodScan	Response, Risk	Flood Extent Mapping	Regional	Africa, Americas	Proprietary	Operational
Floodwater Depth Estimation	Response, Risk	Flood Depth Mapping	Local, Regional	Global	Open Source	Operational

EOTEC Flood Tools Tracker


Related capacity building resources foster uptake

Capacity Development Resources

About Tools Capacity Development Resources Admin

Please browse the capacity building and training resources in our database by sorting through the list below. You can narrow down the selection of relevant resources by using filters on the left side. Please click on the "Filter" button to see the updated list or click "Clear" to get back to the full list again.

For the list of upcoming training events, visit the [CEOS Training Calendar](#).



If you are aware of the capacity building resource not currently in our database, please submit it by filling the form [HERE](#).

Name	Category	Provider organization	Url	Length of training	Language	Target audience
Disaster Risk Management	MOOC	ISRO/UNOOSA/CSSTEAP	https://isat.isro.gov.in/mooc.php	–	–	–
Echoes in Space: Introduction to Flood monitoring	Training	ESA/ EO College	https://www.youtube.com/watch?v=yjns8IXFgU	–	English	–
EFAS Wiki	Guidance	ECMWF	https://confluence.ecmwf.int/display/CEMS/European+Flood+Awareness+System	–	English	–
Extracting flood information from SAR	Training	NASA-USAID-SERVIR	http://servir.icimod.org/events/hydro-sar-training-extracting-flood-information-from-sar	–	English	–
Flood Forecasting and Early Warning in Transboundary River Basins	Toolkit	UN Economic and Social Commission for Asia and the Pacific (ESCAP) and the Regional Integrated Multi-Hazard Early Warning System (RIMES)	https://www.unescap.org/sites/default/files/Flood_toolkit_HighRes.pdf	–	–	–
Flood Monitoring with Sentinel-1 toolkit	Toolkit	ESA RUS Copernicus	–	–	–	–
Flood Monitoring with Sentinel-1 webinar	Webinar	ESA RUS Copernicus	https://www.youtube.com/watch?v=ux4bx7ux94	–	–	–
GloFAS Wiki	Guidance	ECMWF	https://confluence.ecmwf.int/display/CEMS/Global+Flood+Awareness	–	English	–

[Filter](#) [Clear](#)

What's next

What's Next: Flood Tools Tracker 2.0

- *Expanded content*
- *Getting the tool to more users*
- *Improved look and functionality*
- *Usability improvements*

GET INVOLVED...

1

Visit the tracker. (Add your favorite tool!)

<https://eotec-dev.ceos.org>

2

Take our survey



3

Beta test tracker version 2.0

Email us at

secretariat@eotecdev.net

Coming in 2025:
Drought tools
tracker

Thank You!

More on EOTEC DevNet...

Leadership partners



Aims

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

Thematic focus

- Disaster risk reduction
- Climate adaptation and mitigation



www.eotecdev.net

[#EOTECdevnet](https://twitter.com/eotecdevnet)



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

