



EOTEC DevNet: Promoting Collaboration and Integration on Drought Monitoring and Response

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The Challenge

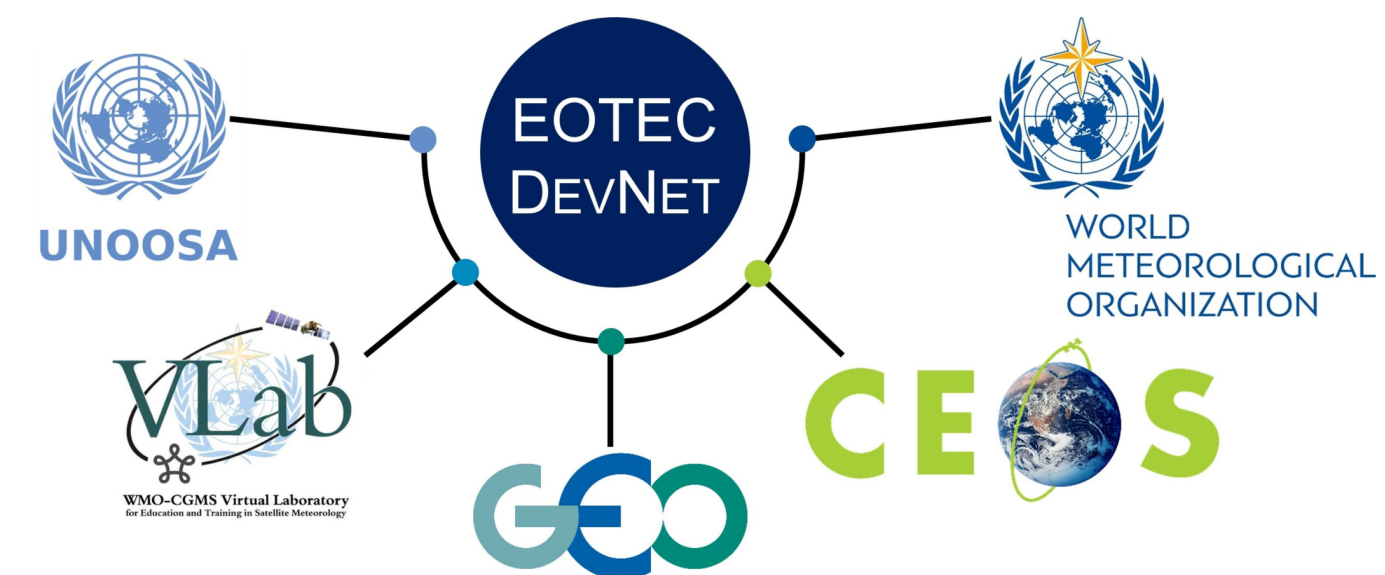
By 2050, more than 75% of the world's population is expected to experience drought conditions.¹³ This demands a robust response. However, governments, NGOs, and other drought management agencies often face challenges sorting through the many available tools to identify those that will meet their needs.

The Opportunity

EOTEC DevNet aims to meet this need with the development of an innovative drought tools tracker (the Drought Matrix) that will aggregate and streamline access to existing global, regional, and local tools for drought monitoring, assessment, and forecasting. This user-friendly, searchable web tool will enhance decision-making by offering tailored support to policymakers, humanitarian organizations, and government agencies.

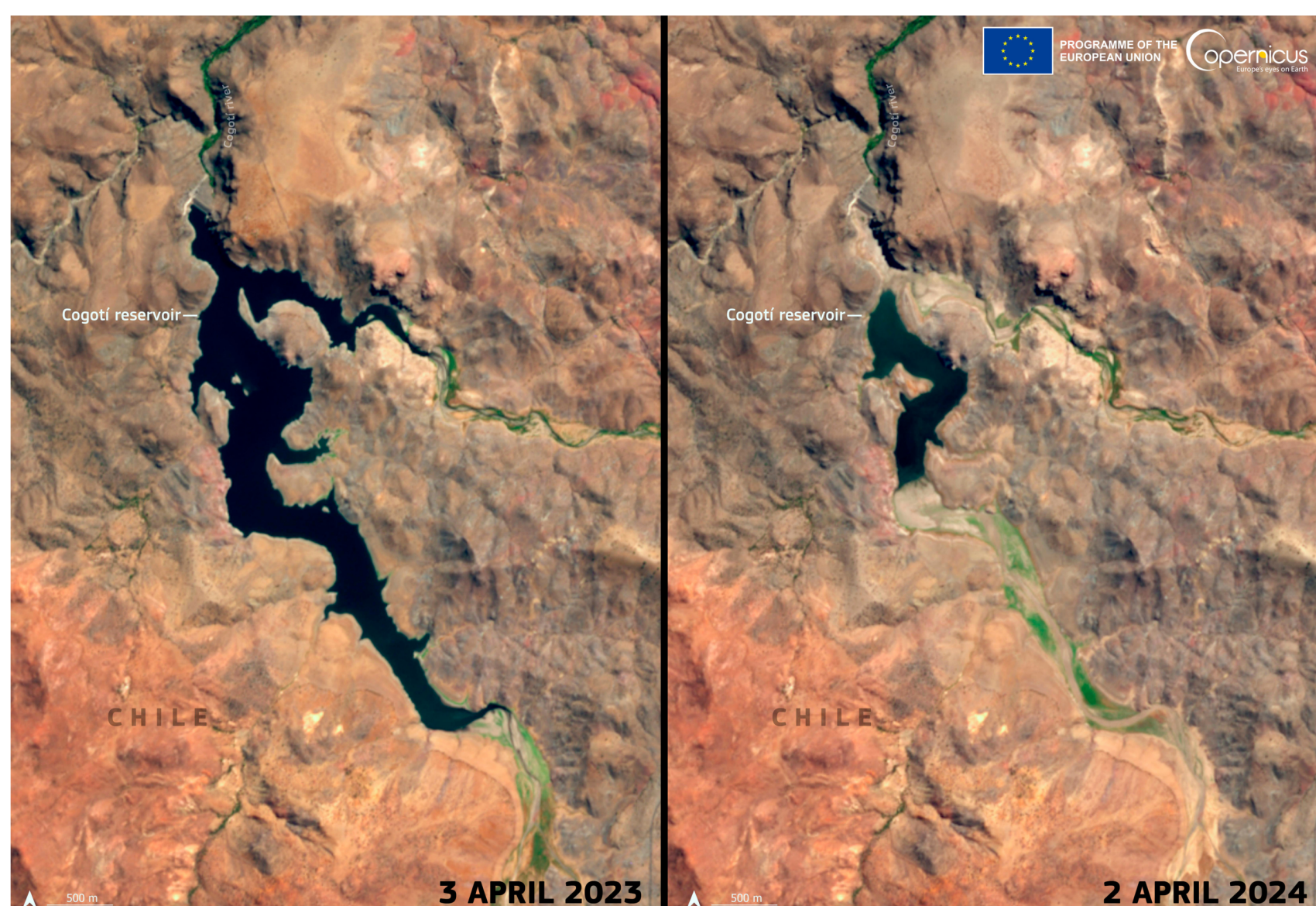
How is EOTEC DevNet addressing the challenge?

- Leveraging EO technologies to align with drought risk reduction and climate change frameworks.
- Collaborating with global and regional drought partners to promote knowledge sharing and capacity building.
- Connecting communities of practice with strategies to improve drought and climate resilience and adaptive capacity.



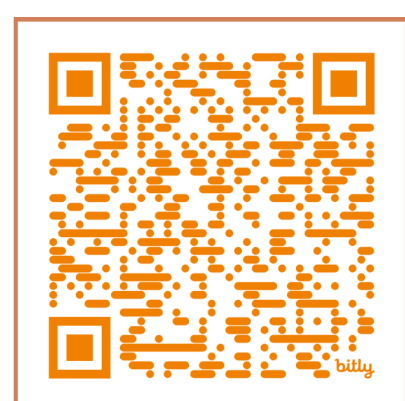
Earth Observation Training, Education, and Capacity Development Network

Helping drought managers find the right EO tools for their specific needs



Source: European Union, Copernicus Sentinel-2 imagery

Copernicus Sentinel-2 images from 2023 and 2024 show the dramatic reduction in water levels in the Cogotí Reservoir in Chile due to severe drought.



Check out the Drought Matrix!

We invite you to review the drought tools and capacity development resources we have compiled thus far. If a tool or resource is missing, we encourage you to contribute and help us expand the matrix.

Promoting collaboration and knowledge sharing around EO drought tools.



Comprehensive Resource Hub:

- Enables policymakers to choose the right tools for drought preparedness and response strategies based on regional and drought-type filters.



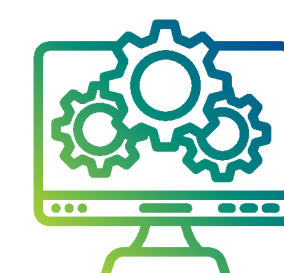
Capacity Building Integration:

- Offers tools AND necessary resources for training, closing the gap between tool availability and effective use.
- Ensures that users can efficiently implement solutions.



Global and Regional Relevance:

- Developed with input from regional Communities of Practice (CoPs), ensuring the tools address both local and international drought challenges.



Future Web-Based Platform:

- Aims to further enhance decision-making by providing real-time access to tailored EO tools and resources for drought preparedness and response.



Drought Tools Statistics:

- 23 tools added to the Drought Matrix so far.
- 12 training and guidance resources available.

EOTEC DevNet at a Glance | www.eotecdev.net



Our Aim

- Extend the reach of EO capacity building globally.
- Increase EO information use in decision-making.
- Improve collaboration among EO capacity building providers.



How We Work

Four Regional Communities of Practice (Africa, Americas, Asia-Oceania, and Europe) meet regularly and collaborate online through our member platform.



Our Focus

The network prioritizes disaster risk reduction and climate adaptation and mitigation, especially on floods and droughts.



What We Offer

- Connecting members to trainings/professional development.
- Collaborating on guidance, tools, and use cases.
- Showcasing innovation and best practices.

🔍 SIGN UP

Register for updates, meeting invitations, and our newsletter.

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Source: 13. Drought in Numbers 2022, United Nations Convention to Combat Desertification

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