

Project Update #11

Welcome to our eleventh [CENTAUR](#) Project Update!

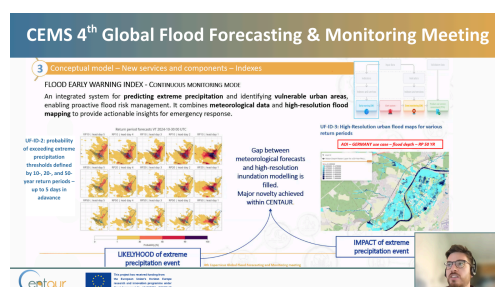
In this issue, we look back on a very busy month and share what's next for the CENTAUR Horizon Europe project.

What has CENTAUR been up to?

April was a busy month for the CENTAUR team! The team participated in leading events across the Earth Observation and emergency management sectors, while also advancing key activities of the project. Here is some of the highlights:

Copernicus EMS Global Flood Forecasting & Monitoring Meeting

In early April, we participated in the Copernicus Emergency Management Service (CEMS) Global Flood Forecasting and Monitoring Annual Meeting. During the session 'Short talks: GloFAS and GFM use cases and applications', we presented an overview of CENTAUR and outlined current progress, highlighting the development of two composite indexes and eleven indicators for urban flood risk.



[Read More](#)

Key Project Milestone: Cold Cases and Demo Results Evaluation

We recently reached a significant milestone in the project. The consortium presented the outcomes of the Demo Review for Cold Cases (DR-CC) and the Preliminary Demo Results Evaluation (PDRE) to the Advisory Board. This session reviewed the implementation of cold cases (historical crisis scenarios) and assessed findings which will guide the next phase of development.

New Scientific Publication

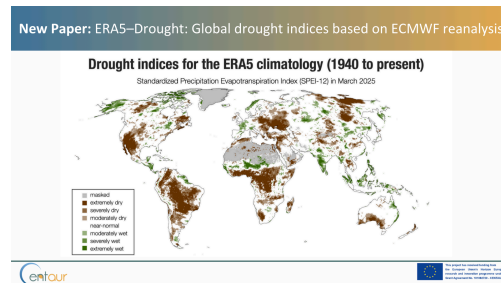
A new publication, developed as part of the activities under the CENTAUR project, “ERA5–Drought: Global Drought Indices Based on ECMWF Reanalysis”, was recently published in *Scientific Data*. This paper introduces a high-resolution global dataset which has already been applied within CENTAUR’s food and water security track to assess drought dynamics in Somalia, Mali, and Mozambique.

CENTAUR at the EGU 2025 General Assembly

Most recently, CENTAUR participated in the 2025 EGU General Assembly in Vienna. Two consortium partners, [Ithaca](#) and the [European Centre for Medium-Range Weather Forecasts \(ECMWF\)](#), took part in the event, presenting recent work and developments related to the project.



[Read More](#)



[Read More](#)



[Read More](#)

Coming Up!

As we look ahead, we will be holding our 2nd [Interim Review Meeting](#) on 12 May. Project partners will meet with the Project Officer and the external reviewers to discuss progress so far, share key developments, and present the next steps.

In addition to this, the CENTAUR team is preparing to participate in several more events, including [ESA's Living Planet Symposium](#), taking place at the end of June in Vienna. We look

forward to engaging with the wider EO community and showcasing how CENTAUR is leveraging Copernicus data to support climate resilience and disaster risk management.

Suggested Readings

1

Severe drought in Africa persists and is expected to worsen

[Read More](#)

2

European State of Climate Report 2024

[Read More](#)

3

New report: Alarming levels of climate-related displacement

[Read More](#)

Facts & Figures

80%

of forced displacements in the past 6 months have been caused by disasters

343 million

people in 74 countries were affected by acute food insecurity as of November 2024

75%

of the world's population are projected to be affected by drought by 2050



CENTAUR

Email sent by [SpaceTec Partners](#) on behalf of the [CENTAUR](#) project consortium
info@centaur-horizon.eu

You received this email because you signed up to the [CENTAUR](#) Project Updates

[Unsubscribe](#)





This project has received funding from
the European Union's Horizon Europe
research and innovation programme under
Grant Agreement No. 101082720 - CENTAUR

