



Project Update #13

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

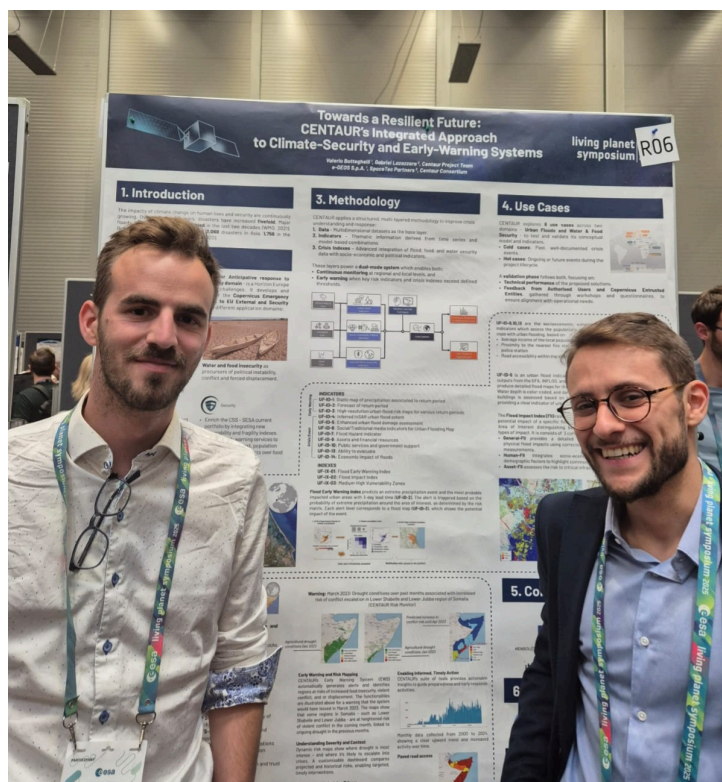
In this issue, we share highlights from CENTAUR's participation at the European Space Agency's (ESA) Living Planet Symposium 2025, recently held in Vienna, and bring you updates on upcoming events, and recommended readings.

CENTAUR at the Living Planet Symposium 2025

From 23-27 June, the Living Planet Symposium brought together thousands of Earth Observation experts, scientists, and policymakers. We were proud to have several of our consortium partners showcasing our latest work on climate-security and early warning systems. For the entire week, CENTAUR was showcased at the European Commission's EUSpace booth, highlighting how our work contributes to the improvement of the Copernicus Services for emergency management ([CEMS](#)) and security ([SESA](#)).

As part of the poster sessions, our partners presented insights from the work carried out for our use cases and relevant project developments. Valerio Botteghelli ([e-GEOS](#)) showcased CENTAUR's integrated approach to climate-security and early warning systems, with insights from the use cases focused on the urban floods in Valencia and the drought crises in Somalia. Koen de Vos ([VITO](#)) highlighted a machine learning model developed within the project which allowed to forecast agricultural drought impacts in Africa. Both posters demonstrated how our innovative indicators can improve early warning-capabilities.

Dive into more details about our presentation, including photos and downloadable versions of the posters we presented.



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Latest News

Find out how CENTAUR is addressing food insecurity by leveraging free and open Earth Observation data from Copernicus, along with other complementary datasets. From monitoring to forecasting drought-related risks, our innovative indicators provide insights for regions vulnerable to food insecurity.

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Upcoming Events

Save the date for the Copernicus Emergency Management Service Annual Conference in Turin, Italy, from 4 to 6 November 2025. The conference will provide opportunities for exchanging knowledge, testing new tools, and connecting with field experts.

[Read more](#)

Suggested Readings

1

FAO launches landmark report on integrated flood management

[Read More](#)

2

EU 2025 report on the complex and evolving risk landscape in Europe

[Read More](#)

3

EU launches ambitious space package to boost innovation

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Facts & Figures

1.66

billion hectares of land are degraded due to human activities

by 2030

Global freshwater demand will exceed supply 40%

38%

more record-dry months in 2024 than for a baseline period (1955-2005)



CENTAUR

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