CiROCCO Webinar

Desert Dust: From Monitoring and Forecasting to Satellite Synergies in CIROCCO HE project

6 June 2025, 10:00-11:00 CET

Description

Desert dust plays a critical role in Earth's climate system, air quality, and human health. This webinar explores the importance of understanding and predicting dust events, the current capabilities and limitations in dust monitoring and forecasting, and how satellite observations contribute to improving these efforts. Special focus will be given to the synergistic use of satellite products within the CIROCCO project, showcasing how multi-source data integration enhances dust forecasting over the Mediterranean region and beyond.

Time (CET)	**Topic**	**Speaker**
10:00-10:10	Welcome	Eleni Athanasopoulou, Atmospheric scientist (National Observatory of Athens, NOA, Gr)
10:10–10:15	Introduction to CiROCCO Project	Chrysoula Papathanasiou (Institute of Communication & Computer Systems, ICCS, Gr), Project Manager
10:15-10:40	"Understanding and Improving Dust Forecasting Through Satellite Synergies: The CIROCCO Perspective"	Eleni Drakaki, PhD Candidate, Atmospheric scientist (National Observatory of Athens, NOA, Gr)
10:40-10:50	"The ESA-LIVAS climate data record and insights on the atmospheric dust aerosol load"	Dr. Emmanouil Proestakis Atmospheric scientist (National Observatory of Athens, NOA, Gr)
10:50-11:00	Interactive session	-