

## **CERTAINTY Newsletter #6 - June 2026**



# **CERTAINTY & AIRSENSE Webinar**

**WEBINAR**  
18 JUNE 2026  
14:00-15:00 CEST



**New aerosol and surface reflectance products from novel satellite observations and their synergies**



Oleg Dubovik (CNRS, Univ. of Lille)  
Moderator: Anna Gialitaki (NOA)

AIRSENSE has received funding from European Coordinated Study on Aerosols and Aerosol / Cloud Interactions. No. 4801142902/231-NS supported by ESA.  
CERTAINTY has received funding from Horizon Europe programme under Grant Agreement No 101137680



**New aerosol and surface reflectance products from novel satellite observations and their synergies**

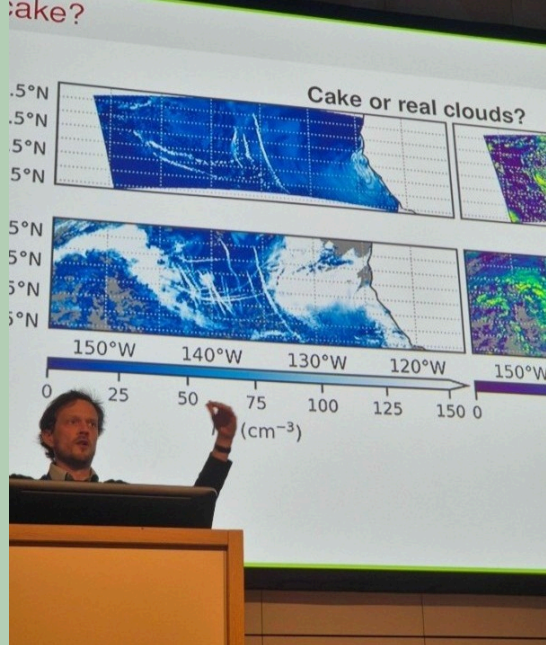
Oleg Dubovik (CNRS, University of Lille)  
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**Thursday, June 18 at 14:00 CEST**

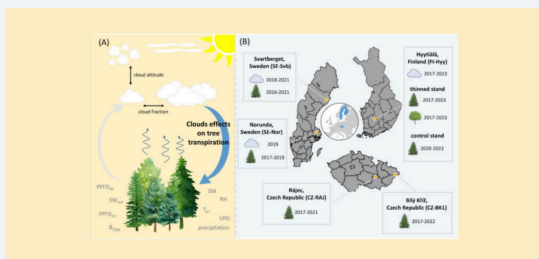
[Zoom](#)

## **EGU26**

Wide variety of European and international researchers gathered at the EGU 2026 General Assembly in Vienna (3–8 May), where also CERTAINTY researchers presented the latest advances in aerosol-cloud interaction science. Session Clouds, Aerosols, Radiation and Precipitation was co-organised by CERTAINTY and CleanCloud project researchers. The session featured a full day of oral presentations and a poster session, covering topics ranging from cloud microphysics and ice-nucleating particles to satellite-based observations and the effects of aerosols on climate. It also served as a platform for the broader [EC-ESA Aerosol Cloud Cluster](#), which brings together Europe's leading experts in the field, linking the EU-funded projects CleanCloud and CERTAINTY as well as ESA-funded initiatives such as AIRSENSE. Together, the cluster involves more than 220 researchers from nearly 40 institutions, much of which was on display across the EGU sessions.



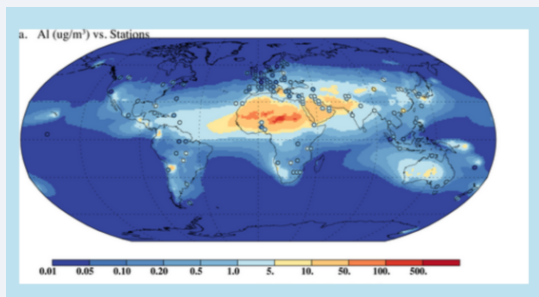
## Latest publications



[Beyond cloud cover: Low- and high-altitude clouds have distinct impacts on tree sap flow and transpiration](#)

Talvinen, S., Salmon, Y., Gutierrez Lopez, J., et al.

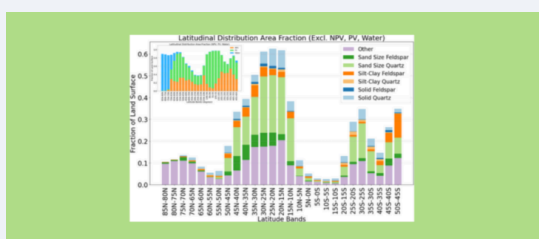
*Agricultural and Forest Meteorology*



[Global model estimates of atmospheric Al, Ca, Fe, Si, and Ti from dust and non-dust aerosols informed by EMIT surface mineralogy and evaluated against observations](#)

Mahowald, N. M., Li, L., Gonçalves Ageitos, et al.

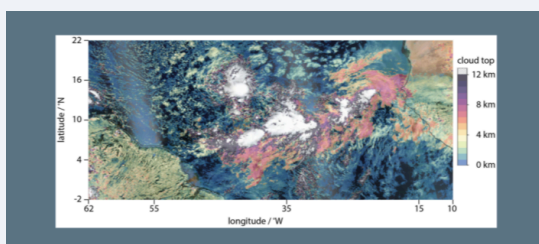
*Global Biogeochemical Cycles*



[Mapping Quartz and Feldspar Areal Abundance and Grain Sizes Using Integrated VTIR Data](#)

Grant, K., Brodrick, P.G., Pérez Garcia-Pando, et al.

*AGU Advances*



[ORCESTRA: Organized Convection and EarthCARE Studies Over the Tropical Atlantic](#)

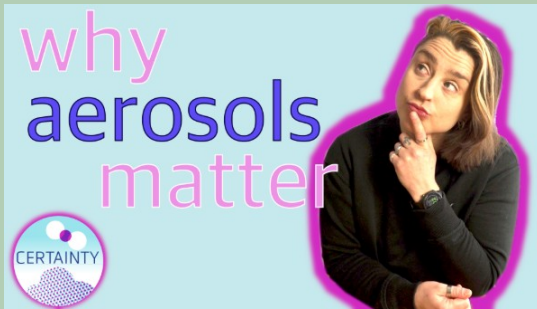
Stevens, B., Bony, S., Gross, S. et al.

*Tellus*

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# New videos



In this video collection, CERTAINTY scientists explain how aerosols influence weather and climate, reveal new insights into human impacts on clouds, and share how researchers gather the data needed to improve climate predictions.

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**CERTAINTY**

[www.certainty-aci.eu](http://www.certainty-aci.eu)



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