

CERTIFICATE OF ACHIEVEMENT

Rudransh Shekhar

has completed the online course

Using Satellite Data to Monitor Dust

Estimated effort: 5 hours

Grade: 100.00 %

Learning outcomes

- Describe why dust episodes occur and their impact on human health and the climate
 - Interpret natural colour and dust RGB composites from geostationary satellites for dust detection and transport
 - Describe how satellite data products are categorised by level
- Determine the presence of airborne particles in the atmosphere using the Absorbing Aerosol Index and Ultraviolet Aerosol Index satellite data products
 - Describe what the Aerosol Optical Depth data product can be used for
- Understand the strengths and weaknesses of different satellite data products for monitoring dust

Mark Higgins
Training Manager
EUMETSAT

Issued: May 27, 2026