

FOURTH JOINT ESA/EUMETSAT/ECMWF TRAINING COURSE ON ATMOSPHERIC COMPOSITION

Integrating data for climate applications

Preliminary program

		Wednesday, Sep 28	Thursday, Sep 29	Friday, Sep 30	Tuesday, Oct 4	Wednesday, Oct 5	Thursday, Oct 6
10:00	10:55	Introduction. How the Copernicus program addresses monitoring and understanding air composition Federico Fierli with organising committee	Basics of aerosol and trace gas retrievals from UV-VIS-type satellite instruments. Anu-Majja Sundstrom	Global climate models for chemistry and aerosol. Julia Marshall	Practicals	Practicals	Practicals
11:00	11:55	The storyline approach to explaining extreme events and articulating plausible futures. Ted Shepherd	Generation of climate data records from satellite observations. Marie Doutriaux-Boucher	The Copernicus atmospheric monitoring service: modeling, data assimilation - an example on wildfires. Mark Parrington			
12:00	12:45	Questions corner		Questions corner			Questions corner
Break							
14:00	15:00	Current and future satellite programs on atmospheric composition. Christian Retscher and Federico Fierli	What can we see using the IASI infrared remote sensor? Cathy Clerbaux	Data assimilation: Integrating satellite data into the CAMS global system. Antje Inness			Presentations from participants
15:00	15:30	Air quality and greenhouse gas observations from space: indicators of human activity Pieternel Levelt	Questions corner		Questions corner	Questions corner	Questions corner
15:30	16:00		Intro to practicals				
16:00	16:30	Questions corner					
		Frontal Lectures					
		Open discussion					
		Practical sessions					