European Weather Cloud User Workshop on 13 November 2024

13 November 2024 10:00–15:00 CET

The workshop will provide the audience with a status update of the service and give special emphasis to the use cases. We will combine presentations from ECMWF, EUMETSAT, and EWC Users, as well as interactive sessions for discussions, feedback, and exchange of ideas. If you would like to share your experiences and work in the EWC, get in touch with us via the http://support.europeanweather.cloud.

This workshop is organised jointly by ECMWF and EUMETSAT and is open to their Member and Co-operating States.

Agenda

Duration and times (CET)	Morning session 1 - The European Weather Cloud Service Update Chair: Roope Tervo	Speakers
10:00 - 10:05	**Opening and welcome**	Roope Tervo (EUMETSAT)
10:05-10:20	**Introduction** An introduction to the service with philosophy and key benefits.	Xavier Abellan (ECMWF)
10:20 - 10:35	**EWC Basics** Basic service offering and practicalities including instructions how to get access and training.	Roberto Cuccu (ECMWF)
10:35 - 10:50	**EWC Community and Platform Services** Description of supporting services for community and application development, including automation possibilities, accounting tool, discussion platform, and future developments.	Francesco Murdaca (EUMETSAT)
10:50 - 11:00	**Break**	

Duration and times (CET)	Morning Session 2 - User Contribution: What are EWC users doing? Chair: Roope Tervo	Speakers
11:00 - 11:15	**FRESCO-N Fast Retrieval Scheme for Clouds from Oxygen absorption bands (FRESCO), using ML**	Wang, Ping (KNMI)
11:15 - 11:30	**ECMWF AI/ML activities and services on the EWC**	Gert Mertes (ECMWF)
11:30 - 11:45	**Advancing precipitation nowcasting with transformer-based models: towards integration of MTG**	Caglar Kucuk (GeoSphere)
11:45 - 12:00	**DEODE Project use of the EWC**	Jonathan Demaeyer (RMI)
12:00 - 13:00	**Lunch**	
Duration and times (CET)	Afternoon Session 1 - User Contribution: What are EWC users doing? Chair: Xavier Abellan (ECMWF)	Speakers
13:00 - 13:15	**Processing climate data records at EWC**	Marco Marquard (DWD, CMSAF)
1315 - 13:30	**Processing and visualizing FCI data**	Martin Raspaud (SMHI)
13:30 - 13:45	**Providing open radar data as part of RODEO project**	Vegar Kristiansen (MET Norway)
13:45 - 14:00	**Expansion of the Flexpart use case presented last year, with focus on how to share this solution with the community**	Nina Burgdorfer (MeteoSwiss)
14:00 - 14:15	**CbrnAlert: Web Application for Atmospheric Dispersion Modelling of CBRN releases, in the EWC**	Paul Perez (RMI)
14:15 - 14:30	**Break**	

Duration and times (CET)	Afternoon Session 2 - Discussion and Feedback **Chair: Roope Tervo**	Speakers
14:30 - 15:00	**Discussion and question for feedback** Host: Xavier Abellan (ECMWF)	All participants
15 CET	**Wrap up**	Roope Tervo (EUMETSAT)
	Post-workshop chat session at https://chat.europeanweather.cloud	All participants