



# **Workshop on ancillary data for land surface and Earth system modelling**

**Programme**

# Wednesday

## Agenda

Agenda time displays according to the selected time zone.

**The selected timezone is Europe/London**

07:00 to 07:45	<b>Registration</b> Federal Ministry for Digital and Transport (BMDV) Robert-Schuman-Platz 1 53175 Bonn	
	<b>Update from major modelling consortia</b>	
07:45 to 07:55	<b>Welcome</b>	Andy Brown (ECMWF)
07:55 to 08:20	<b>Ancillary data for land modelling within ecLand: status and perspectives</b>	Souhail Boussetta (ECMWF)
08:20 to 08:45	<b>Ancillary Data in the Momentum Partnership: Modelling Across Scales</b>	John Edwards (Met Office)
08:45 to 09:10	<b>TBC</b>	
09:10 to 09:35	<b>Advancing Forecast Accuracy in NWP and Climate Models through Unified Geospatial Data Processing</b>	Jürgen Helmert (Deutscher Wetterdienst)
09:35 to 10:00	<b>Coffee break</b>	
10:00 to 10:25	<b>Ancillary data for numerical prediction models at Météo-France</b>	Patrick LE MOIGNE (CNRM - Météo-France)
10:25 to 10:50	<b>Utilizing Observational Land Data for Advancing NOAA Unified Forecast System Applications</b>	Fanglin Yang (NOAA/NWS/NCEP/EMC)
10:50 to 11:15	<b>Towards data-driven development of land surface model</b>	Xingjie Lu (Sun Yat-sen University)
11:15 to 11:40	<b>ACCORD experience with ESA-CCI land cover and new efforts with ML-based physiography</b>	Patrick Samuelsson (SMHI)
11:40 to 13:00	<b>Lunch break</b>	

	<b>State of the art of data and future capabilities of data providers</b>	
13:00 to 13:25	<b>Insights into the soil and surface with Planetary Variables</b>	Thomas Frederikse (Planet)
13:25 to 13:50	<b>Copernicus Land Monitoring Service: Portfolio OverView</b>	Nadine Gobron (European Commission Joint Research Centre)
13:50 to 14:15	<b>The EUMETSAT SAF Network data for land surface modelling</b>	Lothar Schüller (EUMETSAT)
14:15 to 14:45	<b>Coffee break</b>	
14:45 to 15:10	<b>ESA's Climate Change Initiative: how space data support our understanding of climate change</b>	Clement Albergel (ESA Climate Office)
15:10 to 15:35	<b>The NASA Earth Science Data and Information Systems (ESDIS) Project: The world's largest catalog of public Earth Observation data</b>	Alexey Shiklomanov (NASA Goddard Space Flight Center)
15:35 to 16:00	<b>Leveraging C3S ECV Datasets for Earth System Modeling: Insights and Applications.</b>	Joaquin Munoz-Sabater
16:30 to 17:30	<b>Poster session</b> Gustav-Stresemann-Institut (GSI) Europäische Tagungs- und Bildungsstätte Bonn Langer Grabenweg 68 53175 Bonn-Bad Godesberg	

# Thursday Agenda

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07:15 to 07:45	<b>Arrival and registration</b> Federal Ministry for Digital and Transport (BMDV) Robert-Schuman-Platz 1 53175 Bonn	
	<b>Breakout sessions</b>	
07:45 to 08:00	<b>Breakout session introduction</b>	Christoph Rüdiger (ECMWF)
08:00 to 09:30	<b>Breakout session 1 on surface ancillaries</b> Chair: Christoph Rüdiger	
09:30 to 10:00	<b>Coffee break</b>	
10:00 to 11:30	<b>Breakout session 2 on hydrology ancillaries</b> Chair: Anne Voerhof	
11:30 to 12:45	<b>Lunch break</b>	
12:45 to 14:15	<b>Breakout session 3 on anthropogenic ancillaries</b> Chair: Martin Best	
14:15 to 15:00	<b>Coffee break</b>	
15:00 to 15:30	<b>Wrap-up</b>	