

ESMO SSG Annual Meeting and WGORC Kick Off Meeting

Draft Agenda

8-12 December 2026

Location: Reading, UK

Day 1 – Monday 8 December		
9.00-12.30	Travel incoming time	
12.45-13.30	Registration + Welcome Coffee	
13.30-15.00	SSG Session I TBD	WGORC Session I TBD
15.00-15.30	Coffee break	
15.30-17.30	SSG Session I TBD	WGORC Session I TBD
17.30-19.30	Icebreaker	
Day 2 - Tuesday 9 December		
9.00-10.30	Plenary Session I - Model-Observation-AI Interface Moderators: Maria Molina and Douglas Rao	
	Proposed Title	
9:00-9:10	Use of observations in Emulators (requirements, gap analysis, pre-processing)	
9:10-9:20	Needs and Uncertainty characteristics for ML/AI-ready datasets at model-observation intersection	
9:20-9:30	Observation-to-prediction approach - GraphDOP	
9:30-9:40	AI/ML-ready datasets – NOAA-NASA Joint Archive dataset	

9:40-10:30	<i>Panel-Audience Discussion</i>
10:30-11:00	<i>Coffee break</i>
11.00-12.30	Plenary Session II - Reanalysis Moderators: Indira Rani and Chunxue Yang
	<i>Proposed Title</i>
11:00-11:10	Reanalysis Intercomparison
11:10-11:20	Use of observations in atmospheric and oceanic reanalyses
11:20-11:30	Report on UKNSCP reanalysis meeting
11:30-12:30	<i>Panel-Audience Discussion</i>
12:30-14:00	<i>Lunch</i>
14:00-15.30	Plenary Session III - Climate Services and extreme events Moderators: Alison Cobb and Haftu Mengesha
	<i>Proposed Title</i>
14:00-14:10	Responsible use of climate data for climate services - use of observations
14:10-14:20	Extreme events - observational needs and/or predictability (2 talks planned)
14:20-14:30	
14:30-14:45	<i>Panel-Audience Discussion</i>
14:45-14:55	Opening EO for climate adaptation
14:55-15:30	<i>Continued Discussion</i>
15:30-16:00	<i>Coffee break</i>
16:00-17.30	Plenary Session IV - Evaluation and Comparison Moderators: [SSG Member, TBC] and Dora Hegedus
	<i>Proposed Title</i>

16:00-16:10	obs4MIPs
16:10-16:20	Rapid Evaluation Framework -- observational requirements
16:20-16:30	Data uncertainty characteristics - what information is useful and how to record it
16:30-17:30	<i>Panel-Audience Discussion</i>
Day 4 - Wednesday 10 December	
9.00-10:30	Plenary Session V - High resolution Modelling and associated observations Moderators: Jörg Schultz and Samar Minallah
	<i>Proposed Title</i>
9:00-9:10	Km-scale models and ESM components, and their observational needs
9:10-9:20	Potential of DestinE as a technological platform
9:20-9:30	Societal relevant high-resolution modelling
9:30-9:40	High resolution observational developments
9:40-10:30	<i>Panel-Audience Discussion</i>
10:30-11:00	<i>Coffee break</i>
11.00-12.30	Plenary Session VI - Data Stewardship and Infrastructure Moderators: [SSG Member, TBC] and Amy Doherty
	<i>Proposed Title</i>
11:00-11:10	(WMO) Data Rescue Initiatives
11:10-11:20	Infrastructure: issues awareness and path forward
11:20-11:30	Stewardship of Earth Observations (National Academy of Science)
11:30-11:40	Report from the WMO Task Team on Infrastructure
11:40-12:30	<i>Panel-Audience Discussion</i>

12:30-14:00	Lunch	
14:00-15.30	Plenary Session VII - Advancements and challenges in Observations Moderators: Claire Macintosh and Christina McCluskey	
	Proposed Title	
14:00-14:10	New missions and observations – CEOS overview	
14:10-14:20	Non-standard observation data	
14:20-14:30	Integrating field observations and research models - INFORM project	
14:30-14:40	Pressing future data gaps – Input from WCRP core projects	
14:40-15:30	Panel-Audience Discussion	
15:30-16:00	Coffee break	
16:00-17.30	Plenary Session VIII - Key Climate Metrics and Forcings Moderators: Harun Rashid and [WGORC Member]	
	Proposed Title	
16:00-16:10	GCOS ECVs	
16:10-16:20	Climate Forcings	
16:20-16:30	Use of observations in explaining and predicting Earth system change	
16:30-17:30	Panel-Audience Discussion	
19:30-22:00	Dinner	
Day 4 - Thursday 11 December		
9.00-10:30	SSG Session II TBD	WGORC Session II TBD
10:30-11:00	Coffee break	
11:00-12.30	SSG Session II TBD	WGORC Session II TBD

12:30-14:00	Lunch	
14:00-15:30	SSG-WGRC joint-session TBD	
15:30-16:00	Coffee break	
16:00-17.30	SSG-WGRC joint-session TBD	
Day 5 - Friday 12 December		
9.00-12.30	SSG Session III TBD	WGRC Session III TBD
10:30-11:00	Coffee break	
11:00-12.30	SSG Closing Session TBD	WGRC Closing Session TBD