

WGNE-WGSIP Annual Meetings

Draft Agenda

4-8 November 2024

Location: Météo-France, Toulouse, France

Day 1 – Monday 4 November		
9.00-12.30	<i>Travel incoming time</i>	
12:45-13:30	<i>Registration + Welcome Coffee</i>	
13.30-17.30	Joint Start Hosting institution welcome + WGs introductions	
17:30-19:30	<i>Icebreaker at Météo-France (sponsored by TRACCS)</i>	
Day 2 - Tuesday 5 November		
9.00-12.30	WGNE session	WGSIP session
12:30-14:00	<i>Lunch</i>	
14:00-17.30	WGNE session	WGSIP session
Day 3 - Wednesday 6 November		
9.00-12.30	WGNE session	WGSIP session
12:30-14:00	<i>Lunch</i>	
14:00-17.30	Joint WGNE-WGSIP session 1+2 S2: Initialisation S3: Scale-aware parameterisations and seamless predictions	
19:30-22:00	<i>Joint dinner - La Brasserie les Beaux-Arts (1 Quai de la Daurade, 31000 Toulouse)</i>	
Day 4 - Thursday 7 November		
9.00-12.30	Joint WGNE-WGSIP session 3+4 S4: Model processes improvements S5: Bias reduction	
12:30-14:00	<i>Lunch</i>	

14:00-17.30	WGNE session	WGSIP session
Day 5 - Friday 8 November		
9.00-12.30	WGNE session - closing	WGSIP session - closing

Possible joint topics:

model biases/errors/improvements impacting simulation of processes, including ES components coupling and teleconnections that underlie predictability in the Earth system + recommended model error diagnostics relevant to predictability	(NW), WM (suggest combining with item 2), AF, ÁM, JYL
application of assimilation or nudging increments to diagnosing “fast” model errors	
bias reduction through tendency corrections derived from assimilation or nudging increments	NW, ÁM, WM
verification aspects (links with JWGFVR)	AF
cross-timescale interference of climate modes, and implications for predictability	ÁM, AF, JYL
implication of recent advances in modelling, including km-scale modelling and AI/ML on climate prediction	NW, WM, JYL
process-based forecast diagnostics	ÁM
initialisation (atm, ocean, land) + initialisation of climate predictions and identification of climatology of weather prediction models	NW, WM, AF, JYL
physics-dynamics coupling and energy budgets in Earth System	
atmosphere-ocean coupling in NWP	
(added) Extreme Events	NW, JYL
(added) seamless prediction experiments	AF
