

# WGSIP25 + WGNE/WGSIP Joint Meeting – Agenda

November 4-8, 2024  
Toulouse, France

Connection link for remote participation to WGSIP-only sessions:

<https://eu02web.zoom-x.de/j/68152058465?pwd=JQZfnvsDpTfQbnOySwOqmlCN7HDOUD.1>

Connection link for remote participation to the joint sessions:

<https://eu02web.zoom-x.de/j/67246567157?pwd=op7SexRJVhuaL8ADMbk5oaWvzAo5ha.1>

## Monday, November 4, 2024

Time (CET)		Topic	Speakers (*remote)
8:00		<i>Travel incoming time</i>	
12:45	13:30	<i>Welcome Coffee</i>	
<b>Joint plenary S1 - Opening</b> Moderators: Fanny Adloff			
Time (CET)	Duration	Topic	Speakers (*remote)
13:30	15	Opening and objectives of the meeting	Ariane Frassoni, Ángel Muñoz
13:45	10	Hosting institution welcome	Natacha Bernier
13:55	30	French TRACCS introduction	
	10	Introduction to the TRACCS programme	David Salas Y Melia (CNRM)
	4	TRACCS-PC5: COMputing PARadigms towards efficient, modular and trainable ClimT models (COMPACT)	Julien Le Sommer (IGE, online)
	4	TRACCS-PC6: QUantifying uncertaINTies, Tuning and Equilibrating climaTe models (QUINTET)	Aurore Voltaire (CNRM)
	4	TRACCS-PC7: Improving the physical PRocess representatION in Earth System Models (IMPRESSION-ESM)	David Salas Y Melia (CNRM)
	4	TRACCS-PC8: Enhanced treatment of biogeochemical processes - Climate feedbacks, impacts and vulnerabilities	Roland Séférian (CNRM)
14:25	15	WCRP & ESMO introduction	Fanny Adloff
14:40	15	WGNE Introduction	Nils, Ariane

14:55	15	WGSIP Introduction	June-Yi*, Bill, Ángel
15:10	15	Joint discussion	
15:25	30	Afternoon Break	
15:55	15	WWRP Introduction	Chris Davis*
16:10	15	WIPPS & EW4All Introduction	David Richardson
16:25	15	EPESC	Scott Osprey*
16:40	15	GAW	Sara Basart*
16:55	15	Modelling Aspects of G3W	Gianpaolo Balsamo
17:10	20	Joint discussion	
17:30	2h	Icebreaker at Météo-France (sponsored by TRACCS)	

## Tuesday, November 5, 2024

### WGSIP Session 1 – Research and modelling centres updates

**(from all members; order subject to change to accommodate any remote speakers)**

Moderators: Bill Merryfield/June-Yi Lee

Time (CET)	Duration (min)	Topic	Speakers (*remote)
9:00	5	Session introduction	Co-chairs
9:05	10	CNRM	C. Ardilouze
9:15	10	APCC	J.-H. Yoo
9:25	10	UKMO	L. Hermanson
9:35	10	BoM	D. Hudson
9:45	10	ECMWF	S. Johnson
9:55	10	PNU/ICCP	*J.-Y. Lee
10:05	10	UCL	F. Massonnet
10:15	15	Discussion	All
10:30	30	Morning Break	
11:00	10	KMA/NMRS	*Y.-K. Hyun
11:10	10	ECCC	*W. Merryfield
11:20	10	NASA	*A. Molod
11:30	10	BSC	Á.G. Muñoz
11:40	10	UBA/CIMA	M. Osman
11:50	10	CMA	H. Ren
12:00	10	JMA/MRI	Y. Takaya
12:10	10	ICPAC	*M. Gudoshava
12:20	10	Discussion	All
12:30	90	Lunch	

### WGSIP Session 2 – WGSIP business + aligned activities within WCRP & WMO

Moderators: June-Yi Lee/Ángel Muñoz

Time (CET)	Duration (min)	Topic	Speakers (*remote)
14:00	20	Review/action items/unfinished business from WGSIP 24	*W. Merryfield
14:20	30	WGSIP Terms of Reference & web space	Á.G. Muñoz
14:50	20	DCPP	*J. Robson
15:10	20	Collaborations with WMO ET-OCPS	C. Coelho
15:30	30	Afternoon Break	
16:00	30	Formulation of S2S Task Group or Panel	Y. Takaya, *A. Molod
16:30	10	APARC	D. Hudson
16:40	10	ClIC	F. Massonnet
16:50	10	CLIVAR	L. Hermanson
17:00	10	GEWEX	C. Ardilouze
17:10	10	RIFS	*D. Bojovic
17:20	10	Discussion	All
17:30		End Day 2	

## Wednesday, November 6, 2024

### WGSIP Session 3 – Aligned activities external to WCRP + updates/outcomes from WGSIP 2019-2024 cycle of activities

Moderators: Bill Merryfield/June-Yi Lee

Time (CET)	Duration (min)	Topic	Speakers (*remote)
9:00	15	C3S	*A. Brookshaw
9:15	15	Land aspects of CONFESS & CERISE	C. Ardilouze
9:30	15	ASPECT	*V. Torralba
9:45	15	Impetus for Change (I4C)	*D. Bojovic
10:00	10	LC-ADCP	L. Hermanson
10:10	15	Extremes	*J.-Y. Lee / W. Merryfield
10:25	5	Discussion	All
10:30	30	Morning Break	
11:00	15	Monsoons	H. Ren / Y. Takaya
11:15	15	Oceans/Temperature trends	*W. Merryfield
11:30	15	Information for Decision Making (I4D)	Á.G. Muñoz
11:45	20	CHFP	W. Merryfield / J.-H. Yoo
12:05	10	Discussion	All
12:15	10	LC-SSPMME	*M Chevalier
12:25	5	Discussion	All
12:30	90	Lunch	

## Joint plenary S2 - Initialisation

Moderators: Constantin Ardilouze

Time (CET)	Duration (min)	Topic	Speakers (*remote)
14:00	10	Pathway to sustained delivery of climate forcing datasets - conclusions of recent scoping workshop	Anca Brookshaw*
14:10	10	Ocean initialisation for climate simulations	Gokhan Danabasoglu
14:20	10	Improved initialization of the L-A system? A need to revisit the modeling of surface states and fluxes in coupled model systems	Volker Wulfmeyer
14:40	10	Initialising subseasonal to decadal predictions	Andrea Molod*, Bill Merryfield
14:50	10	Tropical cyclone weak-intensity bias reduction through the semi-Lagrangian dycore (S2)	Ron McTaggart*
15:00	30	Joint discussion	
15:30	30	Afternoon Break	

## Joint plenary S3 – Scale-aware parametrizations & Seamless prediction

Moderators: Debbie Hudson

Time (CET)	Duration (min)	Topic	Speakers (*remote)
16:00	10	Advances in the CMA NWP System	Xingliang Li
16:10	10	Seamless prediction and predictability across weather-subseasonal-seasonal timescales (Title subject to revision)	Priyanka Yadav*
16:20	10	On causality, sources of predictability and bridging predictions across timescales	Ángel G. Muñoz
16:30	10	Aerosol aware / convection aware parametrizations	Georg Grell*
16:40	10	MJO-TF Update (S1)	Charlotte DeMott*
16:50	40	Joint discussion	
17:30		End of session	
19:30		Joint Dinner	

**Thursday, November 7, 2024**

## Joint plenary S4 - Model processes improvements

Moderators: Fanglin Yang

Time (CET)	Duration (min)	Topic	Speakers (*remote)
9:00	10	Teleconnections in CMIP6	Clementine Dalelane*
9:10	10	Teleconnections and dynamical mechanisms of the 2023 south Brazil austral spring precipitation excess in observations and numerical experiments	Caio Coelho

9:20	10	Evaluating the impact of Aerosols on the S2S	Ariane Frassoni
9:30	10	Subseasonal-to-seasonal prediction of the boreal winter stratosphere	Javier García-Serrano
9:40	10	Assessing the impact of accurately representing river freshwater and turbulent fluxes on monsoon variability in a seasonal forecast model	Ankur Srivastava
9:50	10	APARC-SNAPSI study on the role of biases in the stratosphere on S2S predictability	Chaim Garfinkel*
10:00	40	Joint discussion	
10:40	30	Morning Break	

### Joint plenary S5 - Bias reduction

Moderators: Ariane Frassoni

Time (CET)	Duration (min)	Topic	Speakers (*remote)
11:10	10	Correcting weather and climate models with machine learned nudging tendencies	Oliver Watt-Meyer
11:20	10	Adaptive tuning of uncertain parameters in a numerical weather prediction model based upon data assimilation	Günther Zängl
11:30	10	Online bias corrections at ECMWF: what do we gain?	Inna Polichtchouk
11:40	10	Online atmosphere/ocean bias correction in CanESM5 and its impact on seasonal hindcast skill	*Bill Merryfield
11:50	40	Joint discussion	
12:30	90	Lunch	

### WGSIP Session 4 – Open discussions to inform the formulation of WGSIP 2024-2029 cycle of activities

Moderators: Ángel Muñoz

Time (CET)	Duration (min)	Topic	Speakers (*remote)
14:00	30	Topic 1: ML/AI advances relevant to climate prediction	Short presentations & discussion from all
14:30	30	Topic 2: Research needs for operational services	Short presentations (Y. Takaya, etc.) & discussion from all
15:00	30	Topic 3: (TBA) or open discussion to identify additional focus areas	Short presentations & discussion from all
15:30	30	Afternoon Break	
16:00	90	Open discussion to formulate 2-4 WGSIP activities/focuses for 2024-2029	All
17:00		End Day 4	

### Friday, November 8, 2024

### WGSIP Session 5 – Closing

Moderators: Bill Merryfield/Ángel Muñoz

<b>Time (CET)</b>	<b>Duration (min)</b>	<b>Topic</b>	<b>Speakers (*remote)</b>
9:00	30	Discussion/planning for fall 2026 climate prediction conferences	Co-chairs, all
9:30	60	Continuation of open discussion to formulate 2-4 WGSIP activities/focuses for 2024-2029	All
10:30	30	Morning Break	
11:00	20	Planning for WGSIP 26 + ECS event	M. Osman, all
11:20	10	Membership updates	Co-chairs, all
11:30	30	AOB/follow up on previous discussions as needed	All
12:00	30	Action items/wrap up	Co-chairs, all
12:30	90	Lunch	