

# 45<sup>th</sup> Session of the WCRP Joint Scientific Committee (JSC-45) Agenda

***DRAFT: 23 April 2024***

May 27 – 30: *Hybrid* Plenary Session

(Afternoon of May 29th and part of afternoon of 30th: JSC only Session)

## **Background**

- The 45<sup>th</sup> session of WCRP's Joint Scientific Committee (JSC-45) will assess progress made by WCRP activities towards WCRP's goals and will advance the scientific program as documented in the Science and Implementation Plan.
- The session will be essentially virtual but will have a small in person element with JSC members gathering in Lima, Peru. The session will be back-to-back with an ANDEX meeting in Lima. WCRP activity representatives participating in the ANDEX meeting can also participate in person in the JSC meeting.
- During Wednesday morning a public Peru Science Day will take place. An open public event is also being planned the Sunday night before the JSC meeting starts.
- Logistical instructions will be made available through the JSC-45 website at <https://www.wcrp-climate.org/jsc45>.
- Presentations and reports will be made available in advance of the meeting. Due to the limited meeting time, we ask all participants to read through these documents in advance. See <https://www.wcrp-climate.org/jsc45-about>.
- During the meeting, questions from all virtual participants can be submitted via the Chat Box. The WCRP Secretariat will moderate the chat and notify the chair as applicable.
- As always: attendance at this JSC session is by invitation only. Should you wish to attend, please contact Mike Sparrow ([msparrow@wmo.int](mailto:msparrow@wmo.int)).

**All times in the below agenda are quoted in Lima time.**

Please see <https://www.timeanddate.com/worldclock/meeting.html> for the respective times in your area.

**Day 1 (27<sup>th</sup> of May): 9:00-17:00**

Rapporteurs: TBC

**Chairs D Stammer and P Braconnot****1. JSC Opening Session 08:50-10:00 [70 mins]**

- Opening and Goal of JSC-45 from JSC Chair and Vice-Chair [15 mins] (*D. Stammer, P. Braconnot*)
- Welcome and comments from co-sponsors [up to 10 mins each] C. Saulo (*WMO*), S. Aricò (*ISC*), V. Helgesen (*IOC-UNESCO*) (*names TBC*)
- Welcome from local authorities [15 mins], TBC
- Welcome on behalf of WCRP Secretariat and guidelines for participants and logistics of JSC-45 [5 mins] (*M. Sparrow*)
- Approval of Agenda [5 mins] (*D. Stammer, P. Braconnot*)

**10:00-10:30 Coffee/Tea****2. WCRP OSC Outcomes 10:30-11:00 [30 mins] (D Stammer)****3 WCRP Science and Implementation Plan 11:00-11:30 [ 30 mins]**  
(*D Stammer, P Braconnot*)

- Plans and timeline with regards to finishing the WCRP Science and Implementation Plan [10 mins]
- Status WCRP Branding [10 mins] (*D. Stammer and N. Van der Wel*)
- New approach to annual budgeting [10 mins] (*D. Stammer*)

**4 Strategic initiatives and Issues: Update and Discussion part 1 11:30-11:50 [20 mins]**

4.1 WCRP Budget and Cycles Team [20 mins] (J Polcher)

Discussion 10 mins

**12:00-14:00 Lunch****Strategic initiatives and Issues: Update and Discussion part 2 14:00-15:00 [60 mins]**

4.2 Status of CMIP 7 and Scenarios [20 mins] (H Hewitt and/or J Dunne, from ScenarioMIP: Brian, Claudia, Detlef)

4.3 Monsoons activities [20 mins]

4.4 Outcome of CliC Review [20 mins] (D Stammer)

**5 Presentations and Discussion of WCRP core activities 15:00-18:00 [150 mins excluding coffee]****Part 1: WCRP Academy [30 mins] (TBC)**

**Part 2: Lighthouse Activities [120 mins]**

- Climate Intervention [30 mins] (TBC)
- GPEX [30 mins] (TBC)
- Explaining and Predicting Earth System Change [30 mins]
- General Discussion [30 mins]

**(Note afternoon coffee/tea 16:00-16:30)**

**18:00 Icebreaker****Day 2 (28<sup>th</sup> of May): 9:00-18:00**

*Rapporteurs: TBC*

*Chairs: D Stammer and P Braconnot*

**09:00-09:30 Discussion IPCC-WCRP Collaborations: Robert, Bart, Winston, Detlef, Pascale [30 mins]**

- AR7 agenda and organisation
- Key topics for which new information is needed from WCRP, e.g., through assessment papers.
- Interest for common expert workshop on some topics (e.g., tipping points, CI)

**Presentations and Discussion of WCRP core activities (cont.) 09:30-10:00 [90 mins]**

- Safe Landing Climates Lighthouse Activity [30 mins] (*G. Hegerl and/or S. Sherwood TBC*)

**10:00-10:30 Coffee/Tea Break****10:30-11:30 Presentations and Discussion of WCRP core activities (cont.) [60 mins]**

- My Climate Risk Lighthouse Activity [30 mins] (*R Rodrigues and/or T Shepherd TBC*)
- Digital Earths Lighthouse Activity [30 mins] (*A. Gettelman and/or C. Jakob TBC*)

**Part 3: Core Projects 11:30-12:15**

- 11:30-12:15 Atmospheric Processes and their Role in Climate (APARC) Core Project [45 mins] (*A. Maycock, K. Rosenlof, and/or Seok-Woo Son TBC*)

**12:15-14:00 Lunch**

**Part 3: Core Projects (cont.) 14:00-18:00 [120 mins]**

- 14:00-14:45 Earth System Modelling and Observations (ESMO) Core Project (including CMIP) [45 mins] (*S Tegtmeier and/or B Brown TBC*)
- 14:45-15:30 Regional Information for Society (RIfS) (including CORDEX and Global Extremes Platform) [45 mins] (*B. Hewitson, S Solman, and/or S Pryor TBC*)
- 15:30-16:15 Climate and Cryosphere (CliC) [45 mins.] (*A. Lovecraft and/or E. Hanna TBC*)

**16:15-16:30 Afternoon Coffee**

- 16:30-17:15 Climate and Ocean Variability, Predictability and Change (CLIVAR) [45 mins] (*S. Legg and/or F. Engelbrecht TBC*)
- 17:15-18:00 Global Energy and Water Exchanges (GEWEX) [45 mins] (*J Polcher and/or X Zeng TBC*)

**Part 4: Discussion 18:00-18:30 [30 mins]**

- Improving Connections between Core Activities

**End of Day 2**

**[Day 3 \(29<sup>th</sup> of May\): 9:00-18:00](#)**

**9:00-13:00 Peruvian Science Session**

This session is devoted to a discussion with local scientists – details TBC

**13:00-14:30 lunch**

**14:30-18:00 Closed JSC (and WCRP Secretariat) only session**

**18:00 End of Day 3**

**Day 4 (30<sup>th</sup> of May): 9:00-18:00****9:00-13:00 Open JSC Session****6. Early and mid-career career researcher in WCRP 09:00-09:30 [30 mins]**

*(P. Braconnot, H Palanisamy)*

- Review of EMCR status and recommendations [20 mins]
- ECS networks (YESS etc.) [10mins]

**7. Global Fellowships 09:30-10:00 [30 mins]**

- General Concept of Global Fellowships
- Status of the 2024 call focussed on Africa
- Preparation of the next calls

**10:00-10:30 Break****8. Partner Interactions 10:30 -11:30 [60 mins]****10:30-11:00 Future Earth [30 mins in total]**

- *Global collaborations*
- *Collaborations with Research Project (PAGES, SOLAS, AIMS, IMBER, iLEAPS ...)*

**11:00-11:30 WMO [30 mins total]:**

- Global Framework for Climate Services (GFCS) [10 mins] (C Hewitt)  
Mutual interests, ongoing or required collaborations, next steps
- World Weather Research Programme [10 mins] (C Davis, E De Coning)
- Global Atmosphere Watch [10 mins] (P Laj)

**11:30-12:30 Partnerships: General Discussion [60 mins]**

Including input from GCOS, GOOS, OOPC, Space agencies (NSF, NASA, EUMETSAT), USGCRP, Copernicus, APN, Belmont, GEO, SCOR, SCAR...

**12:30-14:30 Lunch****9 14:30-15:00 JSC Task Team on Budgeting [30 mins]  
Proposal for 2025 Budget****10 15:00-15:10 WCRP Secretariat [10 mins] (M Sparrow)****11 Closing Remarks 15:10-15:20 [10 mins] (D Stammer, P Braconnot, M Sparrow)****12 JSC Only session (finalisation of any open items) 15:20-18:00**