

46th Session of the WCRP Joint Scientific Committee (JSC-46) Agenda

DRAFT: 7 March 2025

May 12 – 16: In person/hybrid session
IOC-UNESCO, Paris, France

Background

- The 46th session of WCRP's Joint Scientific Committee (JSC-46) will focus on the future planning of WCRP's activities, including new science activities, initiatives and partnerships.
- Reporting on past activities at the meeting will be kept to a minimum unless this involves something that is considered of high importance to attendees or requires advice or a decision from the JSC.
- Reports and presentation as well as logistical information will be made available through the JSC-46 website at <https://www.wcrp-climate.org/jsc46>
- A zoom link will be made available directly to participants.
- 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).

All times in the below agenda are quoted in Paris (CEST) time.

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



WCRP Current Science Foci

Day 1 (12th of May)

Chairs Tim Naish and Cristina Stan

(We will aim to have coffee available from 8:30 am if possible)

1. JSC Opening Session 09:00-09:40

- Welcome and approval of JSC Agenda [15 mins] (*T Naish and C Stan*)
- Welcome from WCRP co-sponsors, including IOC-UNESCO as the local host [5 mins each but 10 mins for IOC as host; 20 mins] (TBC)
- Welcome on behalf of WCRP Secretariat and guidelines for participants and logistics of JSC-46 [5 mins] (*M. Sparrow*)

2. Objectives and overarching Issues to be considered during the meeting 09:40- 10:30 (T Naish and C Stan)

Coffee/Tea 10:30-11:00

3. WCRP core activities and the way forward 11:00-11:30

3.1 General introduction to WCRP activities and connections

- How do we prioritise our many activities, especially in the current funding climate?
- How best to ensure turn-over of WCRP groups and activities, ensuring that key activities continue
- Terms of reference of WCRP Groups.

Note that the following presentations should leave plenty of time for discussions and will focus on key highlights, priorities for future activities, issues of concern that require JSC/ community input, and synergies and partnerships. (JSC liaisons and secretariat staff will work with activity leads on their presentations before the meeting).

3.2 The WCRP Academy 11:30-12:00 [30 mins]

3.3 Lighthouse Activities part 1 12:00-12:30

- Digital Earths plus introduction to Hackathon [30 mins]

12:30- 14:00 Lunch

3.3. Cont. WCRP Lighthouse Activities 14:00-16:00

- Explaining and Predicting Earth System Change [20 mins]
- Global Precipitation Experiment [20 mins]
- My Climate Risk [20 mins]
- Research on Climate Intervention [20 mins]
- Safe Landing Climates Lighthouse Activity [20 mins]
- Discussion: The WCRP Lighthouse Activities [20 mins]

16:00-16:30 Coffee/Tea

16:30-18:30 Science session with French scientists, followed by cocktail (Pascale/Catherine organising)

Day 2 (13th of May)

3.4 Core Projects 09:00-12:30 (including coffee)

- Atmospheric Processes and their Role in Climate (APARC) [30 mins]
- Climate and Cryosphere (CliC) [30 mins]
- Climate and Ocean Variability, Predictability and Change (CLIVAR) [30 mins]

Coffee/Tea 10:30-11:00

- Regional Information for Society (RiFS) [45 mins total incl. CORDEX and GEP]
- Earth System Modelling and Observations (ESMO) [45 mins total incl. CMIP]

12:30- 14:00 Lunch

Core Projects (cont.)

- Global Energy and Water Exchanges (GEWEX) [30 mins]

3.5 General Discussion: WCRP Core Activities 14:30-15:30

What are the major issues and concerns across WCRP activities? How are the linkages between the activities, in particular for the WCRP Academy and how might these be improved? Are there any high-level assessments or publications we should focus on in the future? Is there a need for further internal reviews for the Core Projects or other WCRP activities (as was done with CliC)?

3.6 Introduction to the WCRP Science Foci and how these can be revised in the future 15:30-16:00 [30 mins]

This session will involve starting with the WCRP foci figure at the start of this document, which has been discussed and is included in the WCRP Science and Implementation Plan but also build on priorities from the activity presentations and previous science priorities identified during the Kigali OSC, to help identify a list of key Science Foci for the WCRP. This will be the beginning of a process that will continue after the 46th JSC.

16:00-16:30 Coffee/Tea

16:30-17:30 JSC and WCRP secretariat (including co-sponsors reps if they wish) only session to identify any emerging issues and topics and make tweaks to the upcoming agenda etc. as needed.

17:30- WCRP leadership discussions with WCRP co-sponsors

Day 3 (14th of May)

4 IPCC-WCRP Collaborations 09:00-10:30 (P Braconnot and A Sorensson)

- Update from IPCC, including the last IPCC plenary, implications for AR7 etc. [30 mins]
- Update from WCRP [30 mins]
- Discussions on key topics for which new information is needed from WCRP, e.g., through assessment papers; involvement in COP30 [30 mins]

10:30-11:00 Coffee/Tea Break

5 The Financial Situation going forward 11:00-12:30 (T Naish and M Sparrow)

- Overview of WCRP's financial situation [10 Mins]
- Overview of expenditure, and Budget for 2026 [15 mins]
- Implications for the future [10 mins]
- Approaching additional sources of funding, including input from foundations, NGOs and the private sector. Thoughts from:
 - Daniel Koll (WMO Development Partnerships) [15 mins]
 - Kevin Bourne (Head of Markets Vyzrd) [15 mins]
- Discussion and input from the community: what should be prioritised? [25 mins]

12:30- 14:00 Lunch

6 Ensuring diversity and establishing future leaders (C Stan, P Braconnot, and H Palanisamy)

- Talk by WCRP Fellow, Addis Alaminie [20 + 10 mins]
- The WCRP future of the WCRP Global Fellowship scheme [30 mins]
- Ensuring Global South Inclusion in WCRP leadership [30 mins]
- Discussion on e.g. potential future leaders' programmes e.g. Academy Future Leaders, fellowships, and how to ensure Early and Mid-career scientists are better integrated in WCRP [30 mins]

16:00-16:30 Coffee/Tea

16:30-17:30 JSC and WCRP secretariat (including co-sponsors reps if they wish) only session to identify any emerging issues and topics and make tweaks to the upcoming agenda etc. as needed.

19:00 – WCRP and partners womens' dinner (Hindumathi organising)

Day 4 (15th of May)

7. WCRP working in partnership with others 09:00-16:00 (T Naish and C Stan)

Focus on future linkages and the best way forward.

- **WMO activities 09:00-10:30**
 - o The Research Board [15 mins]
 - o World Weather Research Programme [10 mins]
 - o Global Atmosphere Watch [10 mins]
 - o Climate Services [10 mins]
 - o Hydrology [10 mins]
 - o GCOS [10 mins]
 - o WMO Integrated Processing and Prediction System (WIPPS) [10 mins]
 - o Discussion [15 mins]

Coffee/Tea 10:30-11:00

- **IOC-UNESCO: Key areas of cooperation. Where can we improve our interactions?** [30 mins]
- **ISC: Current and Future areas of cooperation** [30 mins]
- **Future Earth** [30 mins]

12:30- 14:00 Lunch

- **Partnerships with other organisations 14:00- 16:00**
(details TBC)

16:00-16:30 Coffee/Tea

8. Communication and Information management 16:30-17:30 (T Naish and N Van de Wel)

- Communication towards funding mobilisation
- Demonstration of WCRP collaborative Platform (Carlos)
- Privacy and similar considerations

17:30-18:00 General questions to the JSC leadership and closing of main JSC meeting (noting that observers from the WCRP core activities are welcome to attend the JSC discussion sessions on Day 5 except for a short, closed session at the end)

Day 5 (16th of May)

9. JSC Discussions (the following are open to all WCRP leadership – chairs and directors or their representatives - to attend as observers. As always cosponsor reps are welcome) (T Naish and C Stan to Chair)

09:00-10:30

- Discussion on whether future reviews of the CPs (or any other WCRP activity) are to be carried out and if so how to do this to ensure transparency and fairness. [30 mins]
- Further discussion on budget and finance [30 mins]
- Initial consideration of memberships of SSGs [30mins]

Coffee/Tea 10:30-11:00

- JSC Officer announcements [10 mins]
- Discussion on JSC liaisons and the roles that members of the JSC could take on [20 mins]
- WCRP Carbon footprint – discussion on how/whether to take this forward and possible costs involved [30 mins]
- AOB e.g. upcoming meetings? [30 mins]

Lunch 12:30-14:00

10 JSC closed session (JSC and Secretariat only) 14:00-

- Discussion on WCRP Secretariat if needed (no secretariat) [20 mins]
- Final approval of budgets [30 mins]
- Final approval of memberships [40 mins]
- Call for new membership of the JSC [20 mins]
- Final decision in future WCRP activity review [20 mins]
- Approval of CliC Strategic Plan [20 mins]
- AOB [as needed]

Finish: 17:00