

## **46<sup>th</sup> Session of the WCRP Joint Scientific Committee (JSC-46) Agenda**

***DRAFT: 16 April 2025***

May 12 – 16: In person/hybrid session  
IOC-UNESCO, Paris, France  
ROOM IX (Level -1)

### **Background**

- The 46<sup>th</sup> 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](mailto: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.**

## Day 1 (12<sup>th</sup> of May)

***Chairs: T Naish and C Stan***

### **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] (*K Evans for IOC-UNESCO, others 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 (*T Naish and C Stan*)**

- 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.

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] (*M Laurice Jamero and F Francis*)**

#### **3.3 *Lighthouse Activities* 12:00-16:00 (including lunch)**

- Safe Landing Climates Lighthouse Activity [20 mins] (*S Sherwood*)
- Discussion/overrun time if needed to lunch [10 mins]

**12:30- 14:00 Lunch**

***Chairs: L Alexander and M Watanabe***

### **3.3. WCRP Lighthouse Activities cont. 14:00-16:00**

- Explaining and Predicting Earth System Change [20 mins] (*K Findell & E Fischer*)
- Global Precipitation Experiment [20 mins] (*A Cherchi and J Trapp*)

- My Climate Risk [20 mins] (*R Rodrigues and T Shepherd*)
- Research on Climate Intervention [20 mins] (*N Mengis*)
- Digital Earths [20 mins] (*P L Vidale & A Gettleman*)
- Discussion: The WCRP Lighthouse Activities [20 mins]

### **16:00-16:30 Coffee/Tea**

**16:30 Science session with French scientists, followed by cocktail reception.**  
**Talks from 16:30-18:30 at IOC-UNESCO (Chair: P Braconnot)**  
[\(see the draft agenda\)](#)

**Cocktail from 19:15 (Maison de la chimie, 28 rue Saint Dominique 75007 Paris).**  
[\(see the map\)](#)

### **Day 2 (13<sup>th</sup> of May)**

**Chairs: K Takahashi and J Khaoma Ngaira**

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

- Atmospheric Processes and their Role in Climate (APARC) [30 mins] (*A Maycock & O Morgenstern*)
- Climate and Cryosphere (CliC) [30 mins] (*E Hanna*)
- Climate and Ocean Variability, Predictability and Change (CLIVAR) [30 mins] (*G Danabasoglu and F Engelbrecht*)

### **Coffee/Tea 10:30-11:00**

- Regional Information for Society (RiFS) [45 mins total incl. CORDEX and GEP] (*B Hewitson, S Solman, X Zhang*)
- Earth System Modelling and Observations (ESMO) [45 mins total incl. CMIP] (*S Tegtmeier & H Hewitt*)

### **12:30- 14:00 Lunch**

**Chairs: P Friedlingstein and P-C Hsu**

### **Core Projects (cont.)**

- Global Energy and Water Exchanges (GEWEX) [30 mins] (*J Polcher & X Zeng*)

### **3.5 General Discussion: WCRP Core Activities 14:30-15:30 (*C Stan and T Naish*)**

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] (*C Stan, T Naish, and N Van der Wel*)**

This session will involve starting with the WCRP foci figure, which has been discussed and is included in the WCRP Science and Implementation Plan, but also to 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 46<sup>th</sup> JSC.

#### **16:00-16:30 Coffee/Tea**

#### **16:30-17:00 Digital Earths Hackathon Demo (*P L Vidale, A Gettelman, M Wanzala*)**

#### **17:00- 18:00 WCRP JSC discussions with WCRP co-sponsors**

(Initially with full JSC and Secretariat only and then dinner for WCRP Chair/Vice chair and co-sponsors)

#### **WCRP IPO Dinner (*K Alverson organizing*)**

### **Day 3 (14<sup>th</sup> of May)**

#### ***Chairs: P Braconnot and A Sorensen***

#### **4 IPCC-WCRP Collaborations 09:00-10:30**

- Update from IPCC, including the last IPCC plenary, implications for AR7 etc. [30 mins] (*X Zhang, R Vautard, J Fuglestedt*)
- Update from WCRP [20 mins] (*A Sorensen*)
- Discussions on key topics for which new information is needed from WCRP, e.g., through assessment papers [40 mins] (*all*)

#### **10:30-11:00 Coffee/Tea Break**

#### **11:00-12:30 Interactions with UNFCCC and COP**

- Interactions between UNFCCC and WCRP [30 mins] (*H Maseko*)
- COP30 and lead up events [30 mins] (*Regina Rodrigues +?*)
- Discussion [30 Mins]

#### **12:30- 14:00 Lunch**

#### ***Chairs: C Stan and A Gaye***

#### **5 The Financial Landscape and Opportunities 14:00-15:30**

- Overview of WCRP's financial situation (*T Naish and M Sparrow*) [10 Mins]
- Overview of expenditure, and Budget for 2026 (*M Sparrow*) [10 mins]
- Implications for the future (*T Naish*) [10 mins]

- Approaching additional sources of funding, including input from foundations, NGOs and the private sector. Should we e.g. form a fundraising advisory committee? (*T Naish, M Sparrow, N Van der Wel*). Thoughts from:
  - o Daniel Kull (WMO Development Partnerships) [15 mins]
  - o Kevin Bourne (Head of Markets Vyzrd) [15 mins]
- Discussion and input from the community: what should be prioritised? [30 mins]

## **6 Ensuring diversity and establishing future leaders 15:30-18:00** (*C Stan, P Braconnot, and H Palanisamy*)

- The future of the WCRP Global Fellowship scheme [30 mins] (P Braconnot)

### **16:00-16:30 Coffee/Tea**

- The new RfS Fellowship Scheme [20 mins] (*N Goldenson - TBC*)
- Ensuring Global South Inclusion in WCRP leadership [30 mins] (*A Sorensson*)
- Views from the WCRP Academy e.g. potential future leaders programme [20 mins] (*M Laurice Jamero - TBC*)
- Discussion on how to ensure Early and Mid-career scientists and Global South Scientists are better integrated in WCRP [20 mins]

### **19:00 – WCRP and partners womens' dinner** (*H Palanisamy organising*)

## **Day 4 (15<sup>th</sup> of May)**

### **Chairs: E Blyth and K Achutarao**

## **7. WCRP working in partnership with others 09:00-16:00**

Focus on future linkages and the best way forward.

- **IOC-UNESCO: Key areas of cooperation. Where can we improve our interactions?** [30 mins] (*K Evans*)
- **ISC: Current and Future areas of cooperation** [30 mins] (*V McBride*)
- **Future Earth** [30 mins] (*TBC*)

### **Coffee/Tea 10:30-11:00**

- **WMO activities 11:00-12:30**
  - o Climate Services [10 mins] (*C Hewitt*)
  - o Hydrology [10 mins] (*S Uhlenbrook*)
  - o GCOS [10 mins] (*C Tassone - TBC*)
  - o WMO Integrated Processing and Prediction System (WIPPS) [10 mins] (*F Engelbrecht*)
  - o Global Atmosphere Watch [10 mins] (*P Laj*)
  - o World Weather Research Programme [10 mins] (*E De Coning*)

- The WMO Research Board [15 mins] (*A Lynch – pre-recording*)
- Discussion [15 mins]

**12:30- 14:00 Lunch**

***Chairs: T Amrizzi and K Gotangco***

**14:00-14:30 Partnership with the Global Carbon Project** (*P Friedlingstein*)

**14:30-15:30 Partnerships with other organisations**

(Final details to be confirmed – will depend on how many partners are on site and online and who wishes to present. If many wish to present we will go with 2 slides per partners and then a general discussion)

**15:30-16:00 Discussion on improving connections with partners**

**16:00-16:30 Coffee/Tea**

**8. Communication and Information management 16:30-17:00** (*Chair: N Van der Wel*)

- Demonstration of WCRP collaborative Platform and WCRP database (C Montoya) [20 mins]
- Discussion [10 mins]

**17:00-17:30 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 (16<sup>th</sup> of May)

**9. JSC Discussions 0900-**

**The following are open to all WCRP leadership – chairs and directors or their representatives - to attend. As always co-sponsor reps are welcome)**

**Chairs: T Naish and C Stan**

- Discussion on whether future reviews of the Core Projects (or any other WCRP activity) are to be carried out and if so how to do this to ensure transparency and fairness. [30 mins]
- Open discussion on budget and finance [40 mins]
- Discussion on ToRs for WCRP activities [20 mins]

**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]
- Any questions – when core activities present - regarding memberships of SSGs [20 mins]
- WCRP Carbon footprint – discussion on how/whether to take this forward and possible costs involved [20 mins] (*P Friedlingstein and N Van der Wel*)
- Discussion on 10NICS and WCRP involvement [20 mins]

**Lunch 12:30-13:30 (note: shorter lunch and fewer people)**

**10 JSC closed session (JSC, and WCRP co-sponsors and Secretariat only)  
13:30-**

- Discussion on WCRP Secretariat if needed (no secretariat) [30 mins]
- Summary of recommendations from Open JSC Session [40 mins]
- Final approval of budgets [30 mins]
- Final approval of memberships [40 mins]
- Outcomes of new membership call for the JSC [20 mins]
- Final decision in future WCRP activity review [20 mins]
- Approval of CliC and ESMO Strategic Plans, and APARC Implementation plan, as appropriate. To note also a minor update to the RIfS Science and IP [20 mins]
- Clarification and discussion on potential conflicts of Interests [10 mins]

AOB [as needed]

**Finish: 17:00**