

43rd Session of the WCRP Joint Scientific Committee (JSC-43) Online Outline Agenda

DRAFT: 27 June 2022

Online 27-30 June, and 6th and 8th July (JSC/WCRP Secretariat only)

Background

- This 43rd meeting of WCRP's Joint Scientific Committee (JSC-43) assesses progress made towards WCRP's goals and ambitions and plans for the future of the Programme. The sessions will be via the WMO Zoom Meeting platform (details to be sent separately).
- Presentations and/or reports will be made available in advance of the meeting. Due to the limited meeting time, please make sure you read through these documents in advance. **See <https://www.wcrp-climate.org/jsc43-about>.**
- During the virtual meeting, questions can be submitted via the Chat Box. A member of the WCRP Secretariat will moderate the chat and notify the chair as applicable.
- Unless otherwise asked, Wenchao (wcao@wmo.int) will run all presentations to ensure a smooth transition between sessions. If you have any technical issues during the session, please contact Catherine (catherine.michaut@ipsl.fr).
- Attendance at this virtual JSC-43 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 Central European Summer Time (Geneva/Paris) time.

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

Day 1 (27th June): 15:00-18:00, CEST [180 mins]

(Chairs *D Stammer and H Cleugh*; Rapporteur *N Van Der Wel*; Chat Moderator *N Caltabiano*)

1. JSC Opening Session [40 mins]

- Opening and Goal of JSC-43 from JSC Chair and Vice-Chair [15 mins] (*D. Stammer, H. Cleugh*)
- Welcome from Co-sponsors [3 mins each] *J. Luterbacher (WMO), Mathieu Denis (ISC), V. Ryabinin (IOC, by pre-recorded video)*
- Welcome on behalf of WCRP Secretariat [5 mins] (*M. Sparrow*)
- Approval of Agenda [5 mins] (*D. Stammer, H. Cleugh*)
- Guidelines for running JSC-43 via videoconference [6 mins] (*D. Stammer, H. Cleugh*)

2. Strategic initiatives and Issues: Update and Discussion [140 mins]

2.1 New and emerging science issues [15 mins] (*D Stammer and H Cleugh*)

2.2 New science - Task Team Updates

[3 x 15 mins; 10 mins presentation and 5 mins discussion]

- Climate Intervention (*J Hurrell and M Ivanova*)
- Global Precipitation Experiment (GPEX) (*X Zeng*)
- Cycles and Budgets (*J Polcher*)

2.3 GCOS/WCRP collaborations [15 min presentation and 10 min discussion] (*H Dolman*)

[10 min break]

2.4 Future of Climate Modelling Workshop [10 +10 mins] (*V Naik/ P Forster*)

2.5 Engagement with the IPCC climate science assessment processes [15+10 mins] (*D Stammer, H Cleugh, V Masson-Delmotte/A Pirani*)

- IPCC WG1 – WCRP Collaborations (*V Masson-Delmotte/Panmao Zhai/ A Pirani*)
- update on planned WCRP-IPCC Workshop (*D Stammer, H Cleugh, R Sánchez Rodríguez*)

End of Day 1

Debrief for JSC Chair, Vice-Chair, Officers and Head WCRP Secretariat [30+ mins]

Day 2 (28th June): 06:00-09:00, CEST [180 mins]

(Chairs *D Stammer and H Cleugh*; Rapporteur *H Palanisamy*; Chat Moderator *N Van der Wel*)

Days two and three are focussed on our Core Projects, Lighthouse Activities and other activities that the JSC and others should be aware of (<https://www.wcrp-climate.org/wcrp-ip-structure>).

3 WCRP Activity Updates and Discussion [180 + 180 mins]

3.1 Presentations and Discussion of WCRP core activities (Part 1)

- Grand Challenge on Regional Sea Level Change and Coastal Impacts [10 mins presentation + 10 mins discussion] (*D Behar*)
- Climate and Cryosphere (CliC) Core Project [10+10] (*E Hanna*)
- Global Energy and Water Exchanges (GEWEX) Core Project [10+10] (*J Polcher and X Zeng*)

[10 min break]

- WCRP Academy Lighthouse Activity [10+10] (*A Maharaj*)
- Digital Earths Lighthouse Activity [10+10] (*C Jakob*)
- Safe Landing Climates Lighthouse Activity [10+10] (*G Hegerl*)

3.2 Climate Research Forums [10+10] (*H Cleugh*)

Discussion [30 mins]

End of Day 2

Debrief for JSC Chair, Vice-Chair, Officers and Head WCRP Secretariat [30+ mins]

Day 3 (29th June): midday-15:30, CEST [180 mins]

(Chairs *D Stammer and H Cleugh*; Rapporteur *N Caltabiano*; Chat Moderator *H Palanisamy*)

3.3 Presentations and Discussion of WCRP core activities (Part 2)

- My Climate Risk Lighthouse Activity [10 mins presentation plus 10 mins discussion] (*T Shepherd and R Rodrigues*)
- Stratosphere-troposphere Processes and their Role in Climate (SPARC) Core Project [10+10] (*Seok-Woo Son*)
- Regional Information for Society (RIfS) Core Project (including CORDEX and Global Extremes Platform) [20+10] (*B Hewitson, S Solman, and S Pryor*)

[10 min break]

- Climate and Ocean Variability, Predictability and Change (CLIVAR) Core Project [10+10] (*S Legg*)
- Explaining and Predicting Earth System Change Lighthouse Activity [10+10] (*K Findell and R Sutton*)

- Earth System Modelling and Observation (ESMO) Core Project [10+10] (S Tegtmeier or C Senior)
- Coupled Modelling Intercomparison Project (CMIP) [10+10] (J-F Lamarque)

Discussion [20 mins]

End of Day 3

Debrief for JSC Chair, Vice-Chair, Officers and Head WCRP Secretariat [30+ mins]

Day 4 (30th June): 21:00-midnight, CEST [180 mins]

(Chairs D Stammer and H Cleugh; Rapporteur N Van der Wel; Chat Moderator M Sparrow)

4 Connections, Partnerships and Collaboration [95 mins]

4.1 Discussion: Ensuring Connections between Core Projects and Lighthouse Activities [20 mins] (J Christensen and P Braconnot)

4.2 Partnerships and collaboration (J Hurrell and P Braconnot) [75 mins]

Brief updates from partners including

- World Weather Research Programme (*C Davis, E De Coning*) [10+5]
- Global Atmosphere Watch (*G Carmichael, O Tarasova*) [10+5]
- Future Earth (speaker TBC) [10 + 5 mins]
- General short interventions from other partners [30 mins]

5 WCRP Open Science Conference [25 mins]

(D Stammer, H Cleugh, V Detemmerman, N Calabiano)

<https://www.wcrp-climate.org/wcrp-osc23>

Including:

- Updates and discussion on programme, plenaries and sessions
- Comms, branding and marketing
- North-South Engagement and involvement of Early Career Scientists
- Fund raising and finances

6 WCRP Science and Implementation Plan [30 mins]

(D Stammer and H Cleugh)

Including

- Introduction and progress with regards to the WCRP Science and Implementation Plan
- Engagement of WCRP activities and partners
- The way forward, including timeline

7 WCRP Secretariat and Finance [30 mins]

- Secretariat Report [5 mins] (*M Sparrow*)
 - Summary of Budgets and Finance [10 mins] (*M Sparrow*)
- M Sparrow will briefly summarise the 2021/22 expenditure, and 2023 budget.
- Discussion on future use of funds [15 mins] (D Stammer, H Cleugh, M Sparrow)

End of Day 4

Debrief for JSC Chair, Vice-Chair, Officers and Head WCRP Secretariat [30+ mins]

END OF OPEN SESSION

Debrief for JSC Chair, Vice-Chair, Officers and Head WCRP Secretariat [30+ mins]

Note: Day 5 and Day 6 are for **JSC Members and the WCRP Secretariat only**

Day 5 (6th July): 20:00 to 2230 CEST JSC-only meeting [up to 150 min]

(Chairs D Stammer and H Cleugh; Rapporteur N Caltabiano; Chat Moderator N Van der Wel)

- **Internal JSC only (no secretariat)** [up to 60 mins] *(D Stammer)*
- **JSC future membership** [60 mins] *(D Stammer and H Cleugh)*
- **Review of previous Actions** [15 mins] *(M Sparrow)*
- **Budget 2023 approval and review of 2022/21 finances** [15 mins] *(M Sparrow, D Stammer)*

Day 6 (8th July): 06:00-08:30 CEST [up to 150 mins]

(Chairs D Stammer and H Cleugh; Rapporteur N Van der Wel; Chat Moderator H Palanisamy)

- **Future strategies for WCRP resources** [30 mins] *(D Stammer, H Cleugh)*
- **Core Activity membership** [60 mins] *(M Sparrow & WCRP secretariat)*

Approvals of new membership for Core Projects and Lighthouse Activities

- **Approval of membership guidelines** [15 mins] *(H Cleugh)*
- **IPOs and other support units** [15 mins] *(D Stammer and H Cleugh)*
- **AOB** including Africa and other “alliances” [30 mins] *(D Stammer and H Cleugh)*