

Meeting Minutes

Climate Dynamics Panel



Date: 2023-12-18 **Start date:** 9 pm China ST (UTC+8)

Venue: GoTo Meeting **ICPO Staff Host** Agus Santoso

Attendees (11)

Sarah Kang, Natalie Burls, Aixue Hu, Bolan Gan, Fred Kucharski, Juliette Mignot, Michael Byrne, Robert Jnglin Wills, Yoshi Sasaki, Hindumathi Palanisamy (WCRP), Agus Santoso (ICPO)

Co-Chairs: Sarah Kang, Michael Byrne, Natalie Burls

Minutes

1. Membership discussion

Sarah opened the meeting; considering the self-nomination list, and Aixue is rotating off. Those expiring this year have intention to extend 1 more year: Yoshi, Juliette. Inviting two new members. In consideration of SSG's encouragement for CDP to more closely collaborate with SPARC, i.e., inviting one of the SPARC committee members to CDP. Previously, CDP had members who served both in SPARC and CDP, but not in the last couple of years. In consideration of people from the Global South, Juliette proposes someone from Senegal.

Aixue suggested considering the self-nomination list first before recommending outside the list. Sarah said it should be OK, as CDP has its own priorities and research plans. Looking at the SPARC committee list, Sarah suggested that since Aixue is rotating off and that he represents NCAR, CDP could consider inviting SPARC's Jadwiga (Yaga) Richter from NCAR whom according to Aixue to be capable and is a member of his research group leading weather and decadal prediction. Sarah also suggested the Global South in the nomination list. Other names mentioned include Malte Stuecker, Satyaban R., Antonietta C. (MHW co-chair, correction: She is no longer PRP co-chair, but yes MHW co-chair and is still leading the TPDV WG), Ken Takahashi (JSC member). Fred K. and Juliette offered to step down to offer a place for these.

Hindumathi was checking the maximum number of members in a panel, but does not think that there is a cap, although 12-15 members seem to be the general (see chat further below). Natalie will be on leave from next summer (June-December 2024). Invited Mike Byrne as co-chair, as Sarah hesitates to rotate off during Natalie's leave, i.e., proposing to SSG to allow 3 co-chairs in the meantime.

Senegal scientist (Juliette's recommendation), expert in Sahel precipitation, West African intraseasonal-multidecadal timescales, local dynamics, pretty young – beneficial for him to be part of the panel, but can invite next year. Agus said currently CDP has 13 members (including co-chairs). Other panels like IORP, PRP have 15. Hindumathi said a panel shall not have more than 15 members. So there is room to accommodate two more, without



losing any current members. Juliette is happy to stay longer, and Sarah suggested the Senegal scientist can succeed Juliette in 2 years.

Aixue prefers to have those that have not yet been involved in CLIVAR panels to give them an opportunity. In this case and in considering gender balance, the nominees are: Satyaban (male), Yaga (female), Lei Zhang (male) who just moved to China and is involved in TBI research (acc. to Aixue). Bolan prefers someone who's working on prediction and forecasting, and Lei's focus is in tropical dynamics, but Yaga is someone in prediction. Fred suggested a back-up nomination. Amanda Maycock – a SPARC co-chair is a backup option, seconded by a few participants. Other names that came up, Juliette's mention: Sophie Szopa (SPARC; more on atmospheric chemistry, troposphere-stratosphere interactions, rather than variability); Elsa Mohino (based in Madrid; on Sahel rainfall, Atlantic variability, broad interest); Blanca Ayarzaguen (Fred's mention; troposphere-stratosphere interactions).

Action: To propose to the SSG: 3 new members: 1. Yaga Richter, 2. Satyaban, 3. Lei Zhang; and to have 3 co-chairs.

2. Hi-res modeling workshop

Sarah: It would be nice to have it in 2025, but Marty has more generous funding to support if do it late in 2024 (Christian Jakob).

Juliette: Hi-res simulation on long time scales and modeling centers are preparing for CMIP7 so there will be new models coming up, i.e., there would be more materials if we do the workshop later.

Robb: there seems to be tension between hi-res modeling world and traditional climate modeling – could target a theme 'bridging the gap between high resolution and CMIP to better understand climate'.

Natalie: Marty suggested hosting in Australia, Rhys suggested writing a proposal to NSF for large-scale climate dynamics. It depends who takes the lead, but if the NSF proposal is successful it could also be used to fund participation in the workshop in Australia.

Mike: whoever is driving it, it's kind of their call, but 2024 is a bit challenging logistically, and echoing Juliette's view mentioned above.

Discussion and clarification surrounding EVE high-res modeling: at the Kigali Conference there was some tension, but Sarah said there is misunderstanding about EVE purpose, not to replace to complement.

Forming an organizing committee: Rhys, Marty, Bolan, Yoshi, Natalie...

Natalie brought up a panel meeting in spring and how to organize it (e.g., discuss the organizing of the workshops, rather than the usual format of a series of talks). Robb suggests breaking up in groups for brainstorming. Sarah brought how members can contribute to meetings (organization, working groups). Natalie suggested for the next



meeting perhaps put videos together, brief introduction on panel activities for the new members, brainstorming.

Because of the delay the new members will likely join after January (Agus). Sarah said the next meeting would be in March where can form a concrete plan for the panel.

Thanking Aixue for his participation in CDP and the last workshop. Aixue has enjoyed the panel for the last 6 years. Aixue will send Sarah about the topics they discussed in Kigali.

End of Meeting