



Extraordinary Session of the WCRP Joint Scientific Committee (JSC41B)

Report from CLIVAR

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1. Briefly outline the nature of the review and what you hope to achieve?

The CLIVAR SSG and panel co-chairs have had 3 teleconferences to discuss the new WCRP implementation plan and review CLIVAR activities within this new structure:

- July 2020: Informational meeting to share WCRP LHAs and new homes
- Sept 2020: Detailed discussion of what LHAs and new homes mean for CLIVAR activities, gaps and overlaps in CLIVAR activities.
 - Oct 2020: Questionnaire to all CLIVAR panels.
- Nov 2020: Discussion of responses to questionnaire, discussion on suggested changes to CLIVAR activities, feedback to LHAs.

CLIVAR community has been involved through panel, GC and RF co-chairs, SSG. Some questionnaire responses are still pending (expected in next few weeks).

Decisions are still under discussion, expect to be final in early 2021 (SSG meeting).



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Questionnaire sent to all CLIVAR panels

1. How do current and planned panel activities map onto the new WCRP lighthouse activities? Give examples of current and planned panel activities that might connect with each LHA (where relevant) and explain the connection. Can you suggest new panel activities, or cross-panel activities, to make the panel more directly relevant to any of these LHAs? Can you suggest activities relevant to your panel interests which the LHAs might consider including in their science plans?
2. Do you envisage a strong connection between your panel and either of the two new core projects in WCRP? If so, explain this connection, and how it can be facilitated, e.g. by moving your panel into the new core project, by making your panel joint between the new core project, by holding joint activities, or other suggestions.
3. Does your panel have additional suggestions for restructuring CLIVAR, e.g. to fill existing gaps, to encourage scientific collaboration across panels, to encourage joint focus on specific problems?

(Also requesting input from SL GC and RFs)



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2. Are there any preliminary recommendations to share with the JSC?

- Possibly make GSOP (Global synthesis and observations panel) and OMDP (Ocean Model Development Panel) joint panels with new Earth System Modeling and Observational Capabilities “home”.
- Retain all regional panels as homes of regional expertise, but encourage direct links with relevant LHAs & new homes, encourage better integration of models & obs.
- Strengthen communication between CLIVAR panels, e.g. with cross-panel workshops.
- Post-pandemic, retain virtual meetings for panel business, in person meetings for focused science workshops.
- Diversity: CLIVAR already considers geographical and gender diversity for panelists. Include ECS (e.g. from YESS) on all panels, esp from less well-represented countries. More virtual meetings will enable more ECS participation.
- Sea-level rise GC is a model for connecting scientists across disciplines with user community – need to retain these links within LHAs (e.g. LHA2, LHA3).
- WCRP must ensure mechanisms for core projects to connect their expertise with LHAs.



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3. Any consultations with key partners / collaborators – inside and outside of WCRP?

CLIVAR has communicated new WCRP plans with collaborators:

- SCOR (The Scientific Committee on Oceanic Research)
- IMBeR (Integrated Marine Biosphere Research)
- POGO (Partnership for Observation of the Global Ocean)
- SOLAS (Surface Ocean Lower Atmosphere Study),
- PICES (North Pacific Marine Science Organization) (joint WG on climate and ecosystem predictability).

UN Ocean Decade: A route for connecting CLIVAR/WCRP science with public/user communities.



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