

CLIVAR/GEWEX Monsoons Panel Meeting Minutes

MEETING INFORMATION

Meeting Number	2020-6	Meeting Title	CLIVAR-GEWEX MP Teleconference
Objective/Purpose	Discuss the Agenda Items below and progress on action items		
Time & Date	25 September 2020 06:00-07:00 UTC	Venue	GoToMeeting Video Conference

MEETING DETAILS

Chairperson(s)	Aurel Moise and Leila Carvalho (MP Co-Chairs)	Rapporteur(s)	Aurel Moise and Rupa Kumar Kolli
Attendees	MP: Aurel Moise, Leila Carvalho, Gill Martin, Randy Wu, Suryachandra Rao, Yukari Takayabu, Aïda Diongue-Niang, Françoise Guichard, Andy Turner ICMPO: Rupa Kumar Kolli, Ashwini Kulkarni, Somnath Mahapatra		
Apologies	MP: Annamalai, Mouhamadou Bamba Sylla, Vincent Moron, Alice Grimm		

ACTIONS

Deadline	Action	Responsible
02 Oct 2020	Send doodle poll for the next meeting (October) by teleconference	ICMPO
02 Oct 2020	GEWEX Quarterly Special Issue: expedite submission of draft articles to ICMPO	Aurel/Leila Andy/Aurel Aurel/Anna Françoise et al. Alice/Leila
Immediate (deadline for nominations: 23 Oct 2020)	Disseminate the Open Call for New Members of CLIVAR Panels (http://clivar.org/news/2020-open-call-new-members-clivar-panels) among your networks and encourage potential candidates to nominate themselves or nominate others they know of, for the MP.	ALL
09 Oct 2020	Ask MP members scheduled for rotating off about their preferences considering their current tenure on the panel	Co-Chairs
09 Oct 2020	Send MP-proposed draft for new ToR's to the SSGs of CLIVAR and GEWEX for approval	Kumar
09 Oct 2020	Review the suggested MP Mission Statement (see item 5 below) and provide feedback	ALL

Deadline	Action	Responsible
09 Oct 2020	ANNUAL Report of MP: look at last year's Annual Report for ideas on what is requested; check 2020 template and provide initial inputs, including proposals for budget allocation requests	ALL
14 Oct 2020	Request information on regional activities from WG members (via the respective email groups) and send to MP Co-Chairs	WG Co-Chairs
16 Oct 2020	Send MP activity doc to all members with request to provide feedback/edits and additions	Co-Chairs
23 Oct 2020	Prepare a draft guideline for regional Working Groups	Aurel, Leila, Kumar
ASAP, but not later than 23 Oct 2020	Organise meetings of regional working groups (WGs) to consider potential inputs for the MP's annual report and discuss future activities (building on past activities and considering the NEW draft Terms of References of the MP)	WG Co-Chairs

AGENDA AND KEY OUTCOMES

No	Description
1	<p>Re-establishing and revitalizing the Regional Working Groups MP discussed the various related issues, including those sent by Annamalai via email:</p> <ul style="list-style-type: none"> • <i>Discussion points:</i> <ul style="list-style-type: none"> – Maximum number of MP members that can be on any single regional group (noting that there are currently as many as 5 members on the WG on Asian-Australian Monsoons (AAM)); – Maybe have at least 2 MP members on each WG, with a maximum of 3; – Need to avoid overlapping responsibilities with MP co-chair continuing also as WG co-chair (noting that Aurel is currently serving as both MP co-chair and WG-AAM co-chair); – When a WG member is inducted into the MP, he/she needs to be replaced with a NEW member on the WG unless joint membership is considered critical. Furthermore, it needs to be discussed whether MP members can serve as WG co-chairs. – Identification of WG co-chairs in consultation with MP and WG members; – Renewal of Co-Chairs for regional WG's: up to the WG's and no strict time limit; BUT, we (e.g. the MP) need to report back to SSG how we organised the regional WGs; – Regular teleconferences of WG members (at least on a quarterly basis); – Annual virtual workshops (about half-day) of each of the WGs along with the MP members to review and update research, operational and stakeholder perspectives; – African WG: real need for revival; has been a difficult year; – Should account for different sizes of the WG regions; – Have a presentation to MP from WG members twice per year; – Resolution of these issues may be kept pending until AFTER the conclusion of MP membership proposal discussions; – Be proactive about WG memberships – ask people if they really want to stay on and can spare time to contribute. • <i>Next steps</i> <ul style="list-style-type: none"> – Co-Chairs of <i>regional</i> WGs to organise a meeting asap (3-4 weeks) and discuss activities (building on past activities and considering the NEW draft Terms of References of the MP).
2	Annual report of the MP to be submitted to ICPO

	<ul style="list-style-type: none"> • All members may look at last year's Annual Report for an idea on what is typically included; this will be sent around; • Members may also look at the NEW template for this year provided to the co-chairs by ICPO; this will also be sent around. The reporting period is October 2019 to October 2020; • WG Co-Chairs need to be contacted for information on regional activities, and their input may be consolidated by MP Co-Chairs; • WG Co-chairs to be requested to set up regional WG meetings asap to discuss their inputs for the MP's annual report.
3	<p>CLIVAR Open Call for nominations to its panels, and MP membership rotation</p> <ul style="list-style-type: none"> • An open call has been issued for nomination of new members to CLIVAR panels (http://clivar.org/news/2020-open-call-new-members-clivar-panels), including the MP, to replace member(s) who are stepping off or to add to the existing strength. Decisions on MP membership are taken by the CLIVAR and GEWEX SSGs; • We need to determine who is actually rotating off. Subject to adequate justification, members may be allowed to stay on for ONE additional period of one year and Co-Chairs for TWO additional periods of one year each. Kumar indicates that the SSGs are keen to minimize extensions, to facilitate new people and new ideas to come into the panels; • There are five members who will be completing their tenures at the end of this year, as listed below, along with the suggestions agreed by the meeting participants on their follow-up: <ul style="list-style-type: none"> – Aurel Moise (<i>Suggestion: one more year on MP</i>) – Andy Turner (<i>Suggestion: rotate off and maintain role in WG-AAM as a member</i>) – Françoise Guichard (<i>Suggestion: one more year on MP</i>) – Annamalai H. (<i>Suggestion: rotate off and maintain role in WG-AAM as Co-Chair</i>) – Alice Grimm (<i>Suggestion: rotate off and maintain role in WG on American Monsoons as Co-Chair</i>) • The concerned members may indicate via email to the Co-Chairs their preferences on the membership; • The OPEN CALL closes on 23 October 2020, following which ICPO will pass on the nominations received for the Monsoons Panel. Members may disseminate this call among their networks and encourage potential candidates to nominate themselves or nominate others they know of. • While preparing proposals for updating membership, there is a need to prioritise areas of expertise (ensuring a balanced coverage of CLIVAR and GEWEX interests) required for the MP's work, and the MP needs to also clearly articulate what it is looking for; • Kumar suggested that MP members rotating off may be requested to consider supporting the regional WGs of their interest and to help mentoring new members there;
4	<p>Time plan for finalizing the ToRs for SSG approval</p> <ul style="list-style-type: none"> • Attached is the revised version of the ToRs (Annex I) we discussed and decided on during our last meeting in late July; • There is a limited possibility for final wording/grammar adjustments, but the discussion on the underlying technical content has been finalised at our last meeting; • Following this meeting, the process of seeking SSG (of both CLIVAR and GEWEX) approval. Kumar has offered to assist in this regard.
5	<p>Review of progress on the action items from the last meeting</p> <ul style="list-style-type: none"> • Mission Statement for (see below) needs to be quickly reviewed and finalized. <p><i>The CLIVAR/GEWEX Monsoons Panel (MP) facilitates and supports the international community that carries out and uses observations, process studies, and numerical model experiments with the goal of developing and improving forecasts, predictions and projections of the regional/global monsoon systems. The MP brings together relevant experts from the global science community in support of operational and research needs as well as regional capacity building.</i></p>
6	<p>MP activity items for (future) Work Plan</p>

	<ul style="list-style-type: none"> • The following are the possible items which could be included in our Annual Work Plan, based on earlier MP discussions. These will be sent as a separate DOC to MP members for further review and feedback to be communicated to the co-chairs. <ul style="list-style-type: none"> – <i>Evolve a strategy to assess the current levels of predictive skill of the coupled ocean-atmosphere-land system in the monsoon regions</i> – <i>Design and implement a means to investigate the interactions between climate mean state and different modes of monsoon variability, thereby furthering monsoon prediction capability.</i> – <i>Design and implement a means to investigate scale interactions from sub-daily, through intra-seasonal to interannual.</i> – <i>Develop diagnostics for understanding of monsoon processes and assessment of model errors on a range of scales, and inform the need for new observations, both over land and ocean, to adequately gain this understanding and perform these assessments</i> – <i>Support a monitoring strategy designed by the Ocean Panels for the tropical and subtropical oceans necessary for investigating the structure and variability of the regional monsoons.</i> – <i>Oversee development and implementation of plans for an optimised set of process studies in the Asian-Australian, American, and African monsoon regions</i> – <i>Coordinate a strategy to utilize satellite observations to investigate multi-scale monsoon variability and its response to climate change, to cooperate with numerical model groups, and advise on future satellite earth observation plans</i> – <i>Process-based diagnostics: Collaborative efforts to identify sources of model errors in simulating monsoon precipitation basic state across different monsoon regions</i> – <i>SASCOF and other related stakeholders: direct involvement of the panel and working groups in improving the consensus seasonal outlook</i> – <i>Cross-panel activities: coordinate with other panels (e.g. Indian Ocean) for emerging research for societal needs. Example: possible role of 2019 IOD on Indian summer monsoon (wet conditions during August and September) and Australian drought and incidence of fire</i> – <i>Need to substantially improve observations over land and ocean. Observations are not only provided by pluviometers but by all sets of instruments capable of evaluating boundary layer processes, profiles of moisture, temperature, winds, etc. These observations can only be obtained during short periods of time and during major field campaigns involving large numbers of researchers. One way to start this might be to better synthesize what campaign/process observations are out there for the community.</i>
7	<p>Special issues of CLIVAR Exchanges and GEWEX Quarterly</p> <ul style="list-style-type: none"> • Status of CLIVAR Exchanges: <ul style="list-style-type: none"> – Received most chapters, and their review is in advanced stages; – Aurel/Leila are now preparing their chapter; – Andy is preparing his chapter. • Status of GEWEX Quarterly: <ul style="list-style-type: none"> – From the MP contributions, only Gill Martin’s has been submitted so far. – The deadline is 25 Sep 2020, but Kumar explained that it may be possible to give about a week’s extra time. However, given the scheduled release of the special issue in November 2020, he stressed on the time pressure to finalize the manuscripts and prepare the layout. – There are five pending contributions from MP members involving Leila, Aurel, Françoise, Andy, Annamalai, Aïda, Mouhamadou and Alice, some of them contributing to more than one article and also in collaboration with non-MP members. • All the concerned MP members are urged to get their drafts ready (even if preliminary drafts) latest by 2 October 2020. Kumar has agreed to keep reminding us.
8	<p>WCRP Implementation Plan</p> <ul style="list-style-type: none"> • Updates from Jose and Kumar: scheduled for next MP meeting; • Kumar has briefly informed the MP that the Vice Chair of WCRP JSC had recently joined a teleconference with the Directors of all International Project Offices, detailing further steps in the development of WCRP Implementation Plan, which involved a number of regional consultations;

9	<p>Seventh International Workshop on Monsoons (IWM-7)</p> <ul style="list-style-type: none"> • Concern expressed on the lack of updates • Kumar provided a brief update, based on the information that he has just received: <ul style="list-style-type: none"> – This workshop is likely to be postponed to early 2022; – Will still be held in India; – WWRP, which is leading this workshop, is currently in a state of flux due to the ongoing WMO reform; – Kumar is in contact with current in-charge of WWRP at WMO Secretariat as well as the local coordinators in India, and will keep monitoring the progress and report to MP; • A significant number of MP members have been invited to serve on the International Organizing Committee, namely Aurel, Leila, Françoise, Aïda and Andy.
10	<p>Budget</p> <ul style="list-style-type: none"> • Clarification needed on the roll-over of 2019 allocation committed for the MP; Kumar to pursue; • MP members may provide suggestions on what this could be spent on • One suggestion is to support participation in AOGS2021 (1-6 August 2021, Singapore; https://www.asiaoceania.org/aogs2021/public.asp?page=home.html), but this could also be virtual.

NEXT MEETING

Meeting Number	2020-7	Meeting Time & Date	4 th week of October 2020, Kumar to send doodle poll
Location	Video conference, details of meeting to be sent out		

**DRAFT REVISED TERMS OF REFERENCE OF
CLIVAR/GEWEX MONSOONS PANEL**

1. Indicate and update the research priorities, gaps and milestones regarding monsoon studies as outlined in the GEWEX/CLIVAR MP annual work plan.
2. Coordinate strategies, advise on plans and define concrete activities, if convenient, to carry out studies on the suggested research priorities.
3. Encourage studies on priority themes by groups from different monsoon domains, using common methods and tools, in order to allow global analyses or comparable results, and encourage, facilitate or promote collaboration between monsoon researchers (from existing groups).
4. Enhance involvement/Promote/Stimulate the interest of researchers and students in monsoon-related topics, by organizing or supporting workshops and advanced schools, in addition to organizing, in scientific congresses, sessions on monsoon themes. Promote interactions among scientists from different disciplines (atmospheric scientists, oceanographers, hydrologists, and relevant others) interested in monsoon science activities.
5. Coordinate the formation and function of regional working groups and to advise WCRP on the development of mechanisms of support for meetings of the regional working groups.
6. Advise and coordinate with other WCRP and WWRP panels on issues important for advancing monsoon research, including new observational studies, process studies, and strategic priority setting for modelling/prediction studies.
7. Support Work in cooperation with regional, national and multinational programs that collaborate in improving the understanding of monsoon systems and are directed at improving regional weather forecasting, seasonal climate prediction and decadal to long-term climate projection.
8. Communicate existing products and provide guidance on their (adequate) application and limitations to the operational community, (relevant) impacts community and participate in relevant training activities.
9. Report to the CLIVAR and GEWEX Scientific Steering Groups on an annual basis or when requested.