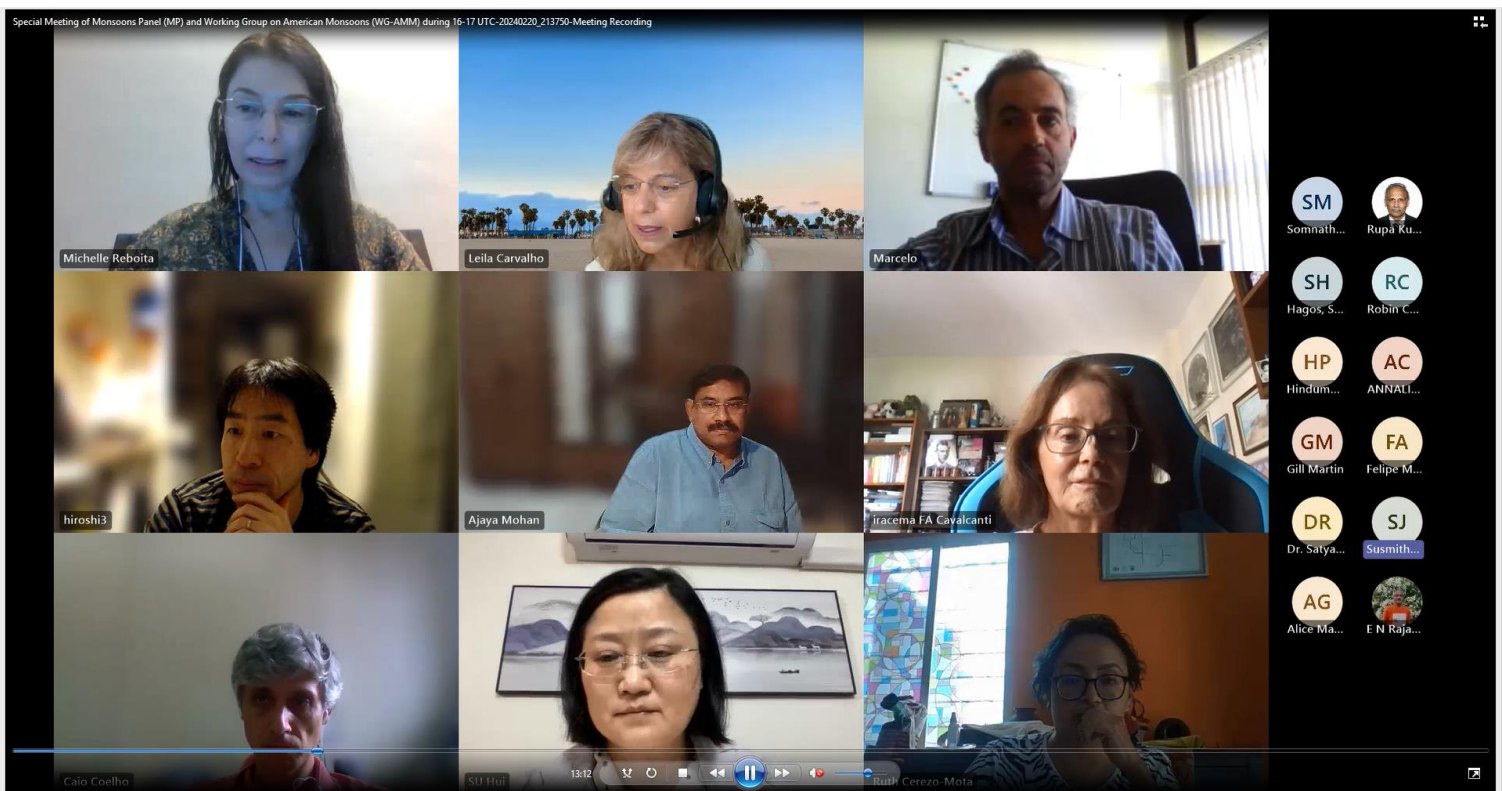


## Minutes of the Special Meeting between the Monsoons Panel (MP) and the Working Group on American Monsoons (WG-AMM) held on 20<sup>th</sup> February 2024 (16-17 UTC)



## MEETING DETAILS

|                       |  |                                  |                      |
|-----------------------|--|----------------------------------|----------------------|
| <b>Chairperson(s)</b> | Leila Carvalho (MP Co-Chair)   | <b>Organiser/<br/>Rapporteur</b> | E.N. Rajagopal, IMPO |
| <b>Attendees</b>      | <p><b>MP (8):</b> Leila Carvalho, Ajay Mohan Ravindran, Annalisa Cherchi, Hiroshi Takahashi, Hui Su, Samson Hagos, Satyaban Ratna, Ruth Cerezo-Mota</p> <p><b>WCRP Secretariat (1):</b> Hindumathi Palanisamy</p> <p><b>IMPO (4) :</b> E.N. Rajagopal, Susmitha Joseph, Rupakumar Kolli, Somnath Mahapatra</p> <p><b>WG-AMM (8):</b> Alice Grimm, Iracema Cavalcanti, Felipe de Andrade, Moetasim Ashfaq, Marcelo Barreiro, Michelle Reboita, Robin Chadwick, Caio Coelho</p> <p><b>Special Invitees (1):</b> Gill Martin (WG-AAM)</p> |                                  |                      |

## ACTIONS

| Deadline                       | Action   | Responsible                         |
|--------------------------------|--|-------------------------------------|
| 10 <sup>th</sup> March 2024    | WG-AMM to finalize the speakers, date, and time of the Joint WCRP/WWRP MP Webinar on American Monsoons   | WG-AMM Co-Chairs                    |
| April 2024                     | WG-AMM to organize Joint WCRP/WWRP MP Webinar on American Monsoons in the first half of April 2024   | WG-AMM Co-Chairs, WCRP Sectt., IMPO |
| Immediate                      | WG-AMM to organize group meetings once in every two/three months and forward the meeting link to IMPO.   | WG-AMM                              |
| 29 <sup>th</sup> February 2024 | WG-AMM's funding request for the second workshop on American monsoons in Mexico to be projected in 29 <sup>th</sup> Session CLIVAR SSG as an additional requirement for 2024 | MP Co-chair (Leila Carvalho)        |

## AGENDA AND KEY OUTCOMES

| Sl. No. | Description  |
|---------|--|
| 1       | <p><b>Welcome by MP Co-chairs:</b></p> <ul style="list-style-type: none"> <li>Leila (Co-Chair, MP) welcomed all the participants (22 in total) to the special meeting and requested all to briefly introduce themselves. The meeting was conducted as per the Agenda given in Appendix-I</li> </ul>  |
| 2       | <p><b>Introductions of the Participants:</b></p> <ul style="list-style-type: none"> <li>Members of Monsoons Panel (MP) and WG-AMM, participating in the special meeting introduced themselves briefly. Hindumathi (WCRP Sectt.), Gill Martin (WG-AAM) and IMPO members (4) also introduced themselves.</li> </ul>  |
| 3       | <p><b>Brief discussion on the Activities of WG-AMM (Lead: Ruth/Alice):</b></p> <p><i>Ruth:</i></p> <ul style="list-style-type: none"> <li>WG-AMM will be organizing the Second Workshop on American Monsoons in Merida, Mexico during 4-8 November 2024.</li> <li>The venue is secured, which will be free of cost as per the MoU signed by Universidad Nacional Autónoma de México</li> </ul> |

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|   | <ul style="list-style-type: none"> <li>• Part funding (10000 Euro) from ICTP is obtained and the event is already displayed in <a href="#">ICTP Scientific Calendar</a></li> <li>• Trying to secure some funding from local government in Merida, Mexico for dinners, etc.</li> <li>• The participation is limited to 60 attendees (comprising senior researchers, early career researchers, students and stakeholders) due to venue capacity limitation.</li> <li>• The call for Abstracts will be out soon.</li> </ul> <p><b>Comments from members:</b></p> <p><i>Alice:</i> What is the status of the funding request given along with Annual Report by WG-AMM to be submitted to CLIVAR and GEWEX?</p> <p><i>Rajagopal:</i> CLIVAR does not typically fund the activities of panels' working groups as per their current policy. Due to this, travel funding of WG-AFM member for WCRP/OSC-2023 was routed through GEWEX. If possible, Leila can raise this fund demand in the 29<sup>th</sup> Session of CLIVAR SSG on 29<sup>th</sup> February 2024 (online).</p> <p><i>Alice:</i> The funds are required to support the participation of more students and few more speakers in this event.</p> <p><i>Leila:</i> Agree to raise it in SSG meeting</p> <p><i>Alice:</i></p> <ul style="list-style-type: none"> <li>• Advances in Atmospheric Science (AAS) journal showed an interest have a special issue on South America Monsoon and we discussed the possible topics of the Articles and people who could lead each article. A proposal for the special issue was send to AAS and they have accepted it.</li> <li>• The accepted proposal is currently for South American Monsoon and it is possible to extend it to North America monsoon or have a special issue on all America Monsoons.</li> </ul> <p><b>Comments from members:</b></p> <p><i>Annalisa:</i> There is also a special issue on global monsoons in the same journal, where-in it was decided to also have some review work for the different regional monsoons. So, the North American monsoon could also be part of that, which is also an option.</p> <p><i>Leila:</i> There is another special issue on Global Monsoons in Meteorological Applications of Royal Meteorological Society in which MP will be involved this year. The journal is interested application aspects of all monsoons and not just a particular monsoon.</p> |
| 4 | <p><b>Discussions on the organization of the Joint WCRP/WWRP MP webinar on American Monsoons:</b></p> <p><i>Alice:</i> Identified speakers for the webinar for South American Monsoon on an interesting issue, which comprises not only the theme of monsoon of South America Monsoon, but also another very important issue of deforestation in South America, especially in Brazil. So, consulted a researcher <b>Marcos Heil Costa</b> about delivering a talk on the influence of deforestation on the onset of the monsoon season in South America through the induction of regional mesoscale and synoptic scale circulation.</p> <p>Regarding North American monsoon it would be better to stick to Annalisa's great suggestion of a talk by <b>Salvatore Pascale</b>.</p> <p>The 3<sup>rd</sup> Speaker could be <b>Roberta D'Agostino</b>, speaking on "Contrasting southern hemisphere monsoon response: Mid-Holocene orbital forcing versus future greenhouse gas-induced global warming". Another choice is <b>Chaim Garfinkel</b> speaking on "Nonlinear Interaction Between the Drivers of the Monsoon and Summertime Stationary Waves".</p> <p><b>Comments from members:</b></p> <p><i>Rajagopal:</i> The next Joint WCRP/WWRP Webinar on African Monsoons is scheduled on 6<sup>th</sup> March 2024 (14-15:30 UTC). The speakers are Michela Biasutti (Columbia University, USA): "Climate Change in the</p>  |

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|   | <p>Sahel: The Past and the Future” and Samson Hagos (Pacific Northwest National Laboratory, USA): “Synchronization of the Recent Decline of East African Long Rains and Northwestern Asian Warming”.</p> <p><i>Rajagopal</i>: The American Monsoons Webinar can be in the first half of April 2024.</p> <p><i>Annalisa</i>: The previous webinars had only 2 speakers. Roberta D’Agostino may not be available in April (due to personal reasons)</p> <p><i>Alice</i>: If other groups have only 2 talks, WG-AMM can also have 2 talks from <b>Marcos Heil Costa</b> and <b>Salvatore Pascale</b></p> <p><i>Moetasim Ashfaq</i>: In the next webinar on American Monsoons, a talk on sub-seasonal to seasonal predictability should be included as it is an important topic.</p> <p><i>Gill Martin</i>: In the opening short talk by the Co-chair of the webinar, a short overview of the working group and what are the focuses for the working group may be given. Highlighting the issues in American Monsoons that needs to be resolved by community would be useful, like the issue of low predictability in sub-seasonal to seasonal predictions of South American monsoons.</p> <p><i>Rajagopal</i>: The last 2 webinars had 10-minute introductory talk by Co-chair, followed by the 2 invited talks of 20 minutes and the last 30 minutes reserved for Q&amp;A. It would be better to stick with the same schedule for the American Monsoons webinar. Alice can contact the speakers and get their availability in terms of date and preferred timing.</p> |
| 5 | <p><b>Discussions on inducting Jhan-Carlo Espinoza (MP Member) as a Member of WG-AMM:</b></p> <p><i>Rajagopal</i>: Jhan-Carlo a new member in the monsoons panel thought by default he also becomes a member of WG-AMM as he is from Peru. If agreeable to the WG-AMM Co-chairs he can be inducted into the working group.</p> <p><i>Alice</i>: Jhan-Carlo’s CV can be sent to the Co-chairs, then the WG-AMM members will discuss on it and get back.</p> <p><i>Gill Martin</i>: MP has been encouraging its members to join any of the WG meetings of their interest. There has also been an encouragement to working groups from the IMPO to invite the monsoon panel members to working group meetings. So, several MP members (Ajaya Mohan, Annalisa, Hui Su, Hiroshi) have been attending the WG-AAM meetings, with IMPO informing MP members about the meeting details. And they are getting actively involved in our activities, but technically they are not listed as the working group members.</p> <p><i>Rajagopal</i>: Jhan-Carlo was also informed about the existing understanding that MP members can join any of the working group meetings of their interest. Hence, as working group members may not have access to the MP’s group email (monsoons-panel@clivar.org), WG-AMM can pass on their meeting details to IMPO for notifying the MP members.</p>   |
| 6 | <p><b>Discussions on the new scientific issues for WG-AMM:</b></p> <p><i>Iracema</i>: At the end of the first workshop on American Monsoons in Sao Paulo, Brazil, we had listed many topics of research that could bring more light to the monsoon review. And there were lots of thoughts in observations and in models. So, if required I can send this Workshop Summary document to everybody to see what we can apply with those thoughts, what we can do and maybe introducing more thoughts. This was done some years ago and now we have other ideas that we can add. We had worked extensively on this list and there are lots of interesting things there to do.</p>   |
| 7 | <p><b>Discussions on how to improve the performance of WG-AMM:</b></p> <p><i>Moetasim Ashfaq</i>: We need to have more periodic and regular meetings to have better coordination. So once in two months meetings are a good way of discussing issues.</p> <p><i>Rajagopal</i>: American Monsoons working group needs to meet more frequently. Generally, WG-AFM meets every two months and the WG-AAM meets once in three months. With more meetings the WG-AMM will become more vibrant, and one can take some cues from the way WG-AAM is being steered by Gill Martin.</p>   |

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|  | <p><i>Alice:</i> Agree to try to have bi-monthly comprehensive meeting of the whole WG, if there are not any management issues with a large group.</p> <p><i>Gill Martin:</i> I also think that the bigger group it is, it can be a bit unwieldy. So, one of the things that WG-AAM did a couple of years ago was to divide the WG into smaller subgroups with particular topics. Given that the Asian-Australian monsoons covers a wide region, so is the American Monsoons, so having subgroups on some of the sort of sub regions is quite useful and because they are smaller groups, they can meet perhaps a bit more frequently. So, our larger working group meets every two or three months and our smaller groups meet every month or so. It is a bit variable according to the topic and the group. Another thing that WG-AAM has realised and understand is that we must manage our expectations about what can be actually achieved as a working group, because members are all working on the activities on the margins of their professional work. And so as taking pieces of full research forward is very difficult, WG-AAM is trying to make sure that we are coordinating stuff, joining in meetings, putting forward views, thinking about publishing review articles in GEWEX quarterly or in CLIVAR Exchanges. Publishing peer reviewed papers is a big ask for a disparate group, like WG-AAM. Suggest that WG-AMM could also a take a step back and deliberate on what the group can do, check what is achievable and how might it best be done.</p> <p><i>Leila:</i> It is a great idea to find some thematic topics in this working group would be interested. Maybe 3-4 thematic topics and then get sub-groups together to work on this and this can get more interested people attending these meetings more often.</p> |
| <p>8</p>   | <p><b>MP’s recommendations to WG-AMM:</b></p> <p><i>Leila:</i></p> <ul style="list-style-type: none"> <li>• WG-AMM should organize group meetings once in every two/three months and forward the meeting link to IMPO (for notifying interested MP members to attend the meetings).</li> <li>• WG-AMM should finalize the speakers, date, and time of the Joint WCRP/WWRP MP Webinar on American Monsoons at the earliest.</li> </ul>   |
| <p>The meeting ended with the Chair thanking all members for their active participation.</p> |   |

**Special Online Meeting between CLIVAR/GEWEX Monsoons Panel (MP) and the Working Group on American Monsoons (WG-AMM)**  
Held on 20<sup>th</sup> February during 16-17 UTC

***Minutes of the Meeting***

1. Welcome by MP Co-chairs
2. Brief introduction of participants
3. Brief discussion on the activities of WG-AMM
4. Discussions on the organization of the Joint WCRP/WWRP MP webinar on American Monsoons
5. Discussions on inducting Jhan-Carlo Espinoza (MP Member) as a Member of WG-AMM
6. Discussions on the new scientific issues for WG-AMM
7. Discussions on how to improve the performance of WG-AMM
8. MP's recommendations to WG-AMM

## Microsoft Teams meeting

[Click here to join the meeting](#)

Meeting ID: 316 120 023 71

Passcode: 3DJaKh