

# CLIVAR REPORT

Climate and Ocean: Variability, Predictability, and Change



## Panel Meeting Report

### **Report of the 13th Session of the CLIVAR Indian Ocean Region Panel**

1 February, 2017, Perth, Australia

May 2017

CLIVAR Report No. 03/2017

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## List of actions

Action 1: A detailed timeline for IndOOS review will be developed and circulated within the panel. (L. Beal and J. Vialard, ASAP)

Action 2: The message for funding request of Review Committee Meeting for IndOOS review white paper will be conveyed to CLIVAR. (J. Li, ASAP)

Action 3: Membership issue will be further discussed and qualified candidates for members are to be identified. (Jerome and Lisa, before next membership proposal submission)

Action 4: A brief introduction on the IndOOS review will be developed for IORP IndOOS Review webpage. (J. Vialard, ASAP)

Action 5: The timing and venue for next IORP meeting will be conveyed to Nick D'Adamo and partner programmes, i.e. IOGOOS, IRF and SIBER. (J. Vialard, ASAP)

Action 6: The progress of the 'Review paper on Indo-Pacific interactions' and 'Review Paper on Monsoon-Indian Ocean Interactions' will be periodically updated to the panel. (J. Vialard)

## 1. Introduction

The 13<sup>th</sup> session of Indian Ocean Region Panel meeting has been organised on February 1, 2017 in Perth, Australia. Ms. Jing Li from International CLIVAR Project Office chaired the meeting, on behalf of IORP co-chairs. Apologies were received from Weiqing Han, Tomoki Tozuka, Agus Atmadipoera, Kawser Ahmed, and Jerry Wiggert for unable to attend the meeting. The discussion was focused on: IndOOS Review, IORP membership, update on IORP webpage on CLIVAR website, venue and time for next IORP meeting, and progress for IORP endorsed projects and IORP planned activities.

## 2. IndOOS Review

- The IndOOS review will be a major IORP task in 2017. It will be led by the IORP co-chairs (L. Beal & J. Vialard) and a writing team composed of IORP and SIBER members as well as selected experts. The writing team aims at providing a first draft by September, 2017;
- There will be an open process for the IndOOS Review report to receive comments from broad public (through a dedicated page on CLIVAR website), but no need to formally respond to each comment;
- An expert review committee needs to be established to comment on the draft of IndOOS Review Report. The review committee meeting will be held in March 2018, alongside the IORP panel meeting. Approximate 20k US\$ will be needed for the meeting, mainly for funding travels;
- The proposed timeline (see annex 2) has been presented to and generally agreed by the panel. However, panel agreed that there is a need to breakdown the timeline into more detailed steps.
- ICPO will help to maintain the IndOOS review webpage (<http://www.clivar.org/indoos-review-2006-2016>) on CLIVAR website, and establish shared folder in google drive.

***Action 1:*** A detailed timeline for IndOOS Review will be developed and circulated within the panel. (L. Beal and J. Vialard, ASAP)

***Action 2:*** The message for funding request of Review Committee Meeting for IndOOS review white paper will be conveyed to CLIVAR. (J. Li, ASAP)

## 3. Membership issue

- Six members and one co-chair in IORP will have their membership due by the end of 2017. The panel will submit a proposal on membership to the SSG at the appropriate time.

***Action 3:*** Membership issue will be further discussed and qualified candidates for members are to be identified. (Jerome and Lisa, before next membership proposal submission)

## 4. Revised content of IORP page on CLIVAR website

- Panel agreed to change the group photo and highlight IndOOS Review in IORP webpage;
- To link with the TPOS2020 white paper.

**Action 4:** A brief introduction on the IndOOS review will be developed for IORP IndOOS Review webpage. (J. Vialard, ASAP)

## 5. Next IORP meeting

- The next IORP Panel meeting (half day) will be organized alongside the next IndOOS review meeting (one and half day). To continue the current modality, it was also proposed to jointly organize with SIBER, IO-GOOS, and IRF. If possible, those panels will also coordinate with the International Indian Ocean Expedition-2 (IIOE-2) steering committee.
- The panel agreed to have the meeting in February or March 2018. Previous meetings have rarely been held in the western Indian Ocean and this option has been discussed (e.g. Oman, Madagascar). Indonesian colleagues offered to host the meeting in Lombok. The IOC Perth office will help with those enquiries and will try to secure a cost-effective place to hold the next meeting.

**Action 5:** The timing and venue for next IORP meeting will be conveyed to Nick D'Adamo and partner programmes, i.e. IOGOOS, IRF and SIBER. (J. Vialard, ASAP)

## 6. IORP Endorsement Projects

### 6.1 YMC

- IORP generally support that the YMC project be endorsed by CLIVAR, with the condition to include more oceanographers in the YMC Scientific Steering Committee.

### 6.2 IMOX

- Lisa clarified that IMOX is not a process study to be endorsed by CLIVAR, but rather a proposed new scientific driver of IndOOS which would require a refinement of future observing strategies. In that case, it should appear in the IndOOS review white paper as a recommendation for future IndOOS, if there is author consensus.

### 6.3 EIOURI

- CLIVAR and IORP co-chair agreed to endorse EIOURI;
- The endorsement petition is being prepared by Weidong YU and the EIOURI team.

## 7. Follow-up from previous work

### 7.1 IIOE-2 Summer school

- The IIOE-2 Summer School was originally planned to be organised at INCOIS (Hyderabad, India, late 2017), but it will be postponed to 2018.
- Jerome is involved in developing the scientific programme which now is completed;
- Jerome will now request the IIOE-2 co-chairs to provide support for pushing the logistics further and taking care of the funding support, in liaison with INCOIS.

## 7.2 Review paper on Indo-Pacific interactions

- This paper is led by M. Lengaigne (PRP co-chair) and J. Vialard (IORP co-chair). A writing team and essential science themes have been identified. The goal is to provide a first draft by the end of 2017.

## 7.3 Review Paper on Monsoon-Indian Ocean Interactions

- It is a joint research involved by IORP, PRP and MP, and fits the need for IndOOS Review;
- The literature review process has been started.

***Action 6:** The progress of the ‘Review paper on Indo-Pacific interactions’ and ‘Review Paper on Monsoon-Indian Ocean Interactions’ will be periodically updated to the panel. (J. Vialard)*



Fig. 1: Group photo for IORP-13 (Photo provided by Rokkam Rao).

## Annex 1: List of Participants

Name	Role	Institute	Country
Jerome Vialard	Co-Chair	LOCEAN	France
Lisa Beal	Co-Chair	University of Miami	USA
Roxy Mathew Koll	Member	IITM	India
Caroline Ummenhofer	Member	WHOI	USA
Dongxiao Wang	Member	The South China Sea Institute of Oceanology (SCSIO), Chinese Science Academy (CAS)	China
Ming Feng	Member	CSIRO	Australia
Toshiaki Shinoda	Member	Texas A&M University	USA
Lin Liu	Member	First Institute of Oceanography	China
Michael McPhaden	Ex officio	Chair / Tropical Moored Buoy Implementation Panel	USA
Jing Li	ICPO	International CLIVAR Global Project Office (ICGPO)	China
Rokkam Rao	ICPO	International CLIVAR Monsoon Project Office (ICMPO)	India

## Annex 2: IORP Panel Meeting Agenda

16:00-17:30, Wednesday, 1<sup>st</sup> February 2017

1. Membership issue
2. Revised content of IORP page on CLIVAR website
3. Next IORP meeting (venue and time, budget request from WCRP)
4. Support required from ICPO on IndoOOS review
5. IORP endorsement (under review: YMC; in preparation: EIOURI) -- anything new?
6. Follow-up from previous work:
  - IIOE-2 Summer school at INCOIS (Hyderabad, India, late 2017) -- any change on it?
  - Review paper on Indo-Pacific interactions (progress and timeline?)
  - Review paper on monsoon-Indian Ocean interactions (progress and timeline?)
7. Any new initiative?