

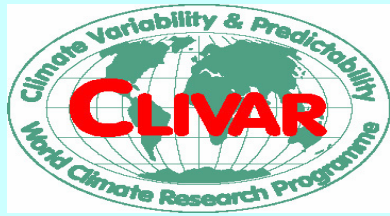
AAMP8 2-19-2007



CLIVAR AAMP8

Aims and Issues

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CLIVAR

**One of four WCRP Projects
(GEWEX, SPARC, CliC)**

Mission: To observe, simulate and predict climate with focus on ocean-atmosphere interaction , enabling better understanding of climate variability, predictability and change

SSG-13 recommended re-focus on 4 priority areas:

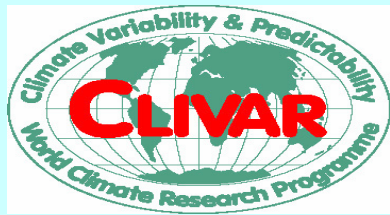
ENSO, Monsoons, Decadal Variability (thermohaline) and ACC



AAMP

Primary role in developing CLIVAR's research programme for the monsoon

- Evolve strategy to assess climate variability and predictability of the coupled ocean-atmosphere-land monsoon
- Design and implement a program to investigate the mechanisms of ENSO-monsoon interactions
- Determine a monitoring strategy for the Indian Ocean and Western Pacific and land regions necessary for investigating monsoon structure and variability
- Co-ordinate and promote interactions among meteorologists, oceanographers and hydrologists from interested nations

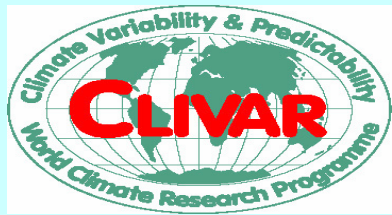


AAMP

Primary role in developing CLIVAR's research programme for the monsoon

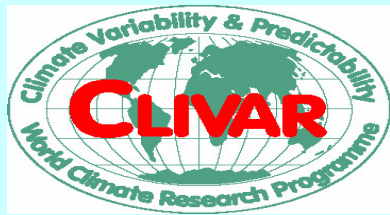
(continued)

- Develop an implementation plan for monsoon research which recognizes the need for a well coordinated and optimized set of process studies; and
- Cooperate with other existing and planned regional and multinational programs including investigations on regional weather forecasting, seasonal climate prediction and impacts on human activities.
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Focus Areas for AAMP8

- **Developments in Monsoon modeling and prediction**
- **Intraseasonal Variability**
- **Developments in Ocean Observing Systems and role of Oceans in AA Monsoon**
- **Decadal Variability and ACC**
- **Applications**
- **Developing Initiatives**
- **Future AAMP Activity and Status**



Discussion items

- **Developments in Monsoon modeling and prediction**
 - **Initiate coordinated AA monsoon prediction and modeling studies (e.g., impact of improved IO observing system on intraseasonal-interannual prediction)**
 - **Discuss potential AAMP-coordinated analysis of TFSP datasets**
- **Intraseasonal Variability**
 - **Are there key activities that AAMP can help spin up to address existing deficiencies of convective parameterizations and multiscale interactions which continue to hinder simulation and prediction**



Discussion items

- **Developments in Ocean Observing Systems and role of Oceans in AA Monsoon**
 - How to link AAMP, IOP, PP efforts (and other panels) in monsoon studies.
 - Do we need coordinated numerical experiments
- **Decadal Variability and ACC**
 - Should AAMP develop strategy for analyses of IPCC AR4 simulations
 - Prepare contribution for CLIVAR view of ACC (e.g., monsoon climate change as a result of a changed ENSO)
- **Applications**
 - How can AAMP promote expanded application of prediction and simulation



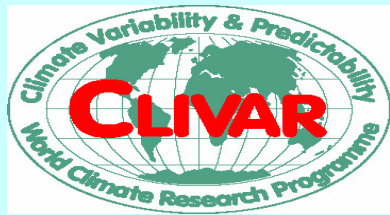
Discussion Items

•Developing Initiatives

- Coordination/promotion of Pan-WCRP monsoon activity

•Future AAMP Activity and Status

- Prospectus review: real timetable for finalization
- Review of membership, next meeting, timing, etc
- How should WCRP provide coordination of AA monsoon research and application
- Should AA monsoon activities be merged to form an overall WCRP monsoon effort
- What input can AAMP provide to JSC Monsoon coordination group



Outputs

AAMP8 Report

- **Session Chairs (all panel members) will take lead and responsibility for summaries of their sessions. Hendon will coordinate**
- **Input to CLIVAR Focus Newsletter on the AA Monsoon: who will write what?**
- **???**