

Monsoon Intraseasonal Variability Modelling Workshop

The CLIVAR AAMP and the YOTC MJO Task Force will hold a workshop 15-18 June 2010 at the APCC in Busan, Korea. The focus of the workshop is on modelling and predicting monsoon intraseasonal variability (ISV) and the MJO. This cross-cutting activity will provide a framework for assessing historical MJO and other monsoon ISV predictability from hindcast experiments, assessing skill of real-time forecasts for monsoon ISV, and report on recent advancements for simulation of monsoon ISV and the MJO, including results from high resolution global models.

Proposed Session Themes:

1. MJO/ISO Modelling

Assessment of current capability for simulating the MJO and monsoon ISV in GCMs and global cloud-resolving models, and progress with other advanced global modelling activities.

2. Process-oriented Diagnostics/Metrics relevant to the MJO

Progress/issues with convective parameterization for the improvement the MJO, convection diagnostics of relevance to the MJO, and new observations providing insight into mechanisms and model deficiencies.

3. Simplified Models and Theory

New insights from simplified models and theory.

4. Diagnostics/Metrics for Boreal Summer ISV

Progress/issues on diagnostics for evaluating model simulation and forecast performance, specifically focusing on boreal summer ISV.

5. MJO/ISV Forecasting

Assessing current capability for forecasting the MJO/monsoon ISV including the status and plans of the WGNE/CLIVAR-initiated forecast metric activity and the application of metrics to hindcast sets and real-time systems.

6. MJO/ISV Interactions and Impacts

New insights on the simulation and forecasting of MJO interactions and impacts, including those with the extra-tropics, tropical cyclones, and easterly waves.

Please submit abstracts to sperber1@llnl.gov. The deadline for abstract submission is 19 March 2010.