

IUGG XXIV 2007

Perugia, Italy July 2-13 2007

**Call For Abstracts to
Session JMS011 (J11) on Monsoon System**

Sponsor associations: IAMAS, IAPSO, IAHS, THORPEX

ABSTRACT deadline 28 February 2007

A Joint Symposium JMS011 (J11) on the Monsoon System can be downloaded from the IAMAS web site and is also attached at the end of this announcement. The Provisional Program of IAMAS LED Joint Symposia provides a four half- day period for J11:

10 July, Tuesday- morning and afternoon;
11 July, Wednesday- morning; and
12 July, Thursday- morning.

During this limited time period, we wish to concentrate on the following three main issues:

1. Monsoon variability and predictability, including variability on all time scales and predictability on intraseasonal to interdecadal time scales. Emphasis is placed on process analysis, dynamics, and modeling;
2. Aerosol and monsoon interaction, including observation and modeling studies aimed at the interactions of aerosol (atmospheric chemistry and radiation) and monsoon climate dynamics (coupled ocean-atmosphere-land system); and
3. Monsoon observation, field experiments and modeling, aiming at exchange and coordination of existing and planned field experiment studies in the coming years, in particular between 2007 and 2009.

This J11 Session provides a science forum for WCRP and THORPEX and some relevant research programs and allows scientists to interact more effectively. It will compose invited presentations (30 minutes), oral presentations (15 minutes) and short oral presentation/posters (2-3 minutes briefing plus poster). The Session will be attractive and interesting.

The ABSTRACT Submission Deadline set by IAMAS is 28 February, 2007. You are welcome to submit your abstract(s) for this J11 Session before the deadline. When you submit your abstract(s) through the IAMAS web site, please send a copy to Dr. Jianping LI at the Institute of Atmospheric Physics, Chinese Academy of Sciences via the following e-mail: ljp@lasg.iap.ac.cn

Looking forward to seeing you in Perugia.

ATT
JMS011 Monsoon Systems (IAMAS, IAPSO, IAHS, THORPEX)

Monsoons are among the most complex of atmospheric weather phenomena, involving processes on a wide range of space and time scales. They contain much of the rainfall of the tropics, and their variability on even the largest scales is notoriously difficult to predict. The energy released in these systems also has impact on weather in mid-latitudes. In recent years, observations from a variety of field studies and satellite data have provided much more information on monsoons, and progress is being made. This symposium invites presentations on all aspects of monsoon dynamics, including observations, modeling and forecasting studies. Studies involving interactions with the ocean, and the effect of processes on a variety of scales on rainfall, are particularly sought.

Lead Convener

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W. Lau and V. Ramanathan have been invited to co-convene the Special
Sub-Session Aerosol and monsoon interaction
William.K.Lau@nasa.gov

Carlos Ereño

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