

Dates to Remember

Registration from : **15 November, 2015**
Last date of abstract submission : **15 December, 2015**
Intimation to the selected abstracts : **31 December, 2015**

Registration Fees:

IMS Members / Students : **Rs. 500/-**
Non IMS Members : **Rs. 1000/-**

Participation is by registration.

For registration please visit the site:

www.tropmet.res.in/monsoon_workshop/committee_page.php

Jointly hosted by:

Indian Institute of Tropical Meteorology
India Meteorological Department
Indian Meteorological Society
Ministry of Earth Sciences
Ocean Society of India
Center for Development of Advanced Computing

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Annual Monsoon Workshop-2015 and National Symposium on Understanding and Forecasting the Monsoon Extremes

February 23-24, 2016

Venue

Indian Institute of Tropical Meteorology
Pashan, Pune - 411 008



Organized by



**Indian Meteorological Society
Pune Chapter**

Patrons

Dr. M. Rajeevan Dr. L.S. Rathore

About IMSP

The Pune Chapter of Indian Meteorological Society (IMSP), a chapter under Indian Meteorological Society, New Delhi is one of the largest and active chapters in the country. About 600 members are actively associated with it and they are basically from India Meteorological Department (IMD), Indian Institute of Tropical Meteorology (IITM), various departments of University of Pune and other institutions. IMSP is the most important platform for the meteorological stalwarts to forward their experience and science to the young ones.

In order to keep a pace with time-to-time developments in the field of Meteorology, the Chapter organizes a sizable number of popular lectures by eminent meteorologists from India and abroad and more thematic programs focusing on popularization of Meteorology among the general public and basic academic institutions like schools and colleges etc.

As regular activity IMSP conducts "MONSOON WORKSHOP" every year. The behaviour and peculiarity of the monsoon season is discussed thoroughly during the workshop. The workshop also provides meteorologists working in the operational service and research an opportunity to present various features of the monsoon in their varied point of view. In addition the weather scientists share their views and knowledge on the changing trends in the monsoon activity and its implications on the various issues related to the climate change.

Annual Workshop

The all India seasonal mean rainfall during 2015 SW monsoon season happened to be below normal (14% deficient). Monthly rainfall over the country as a whole was 115.8% in June, 83.7% in July, 78.1% August, and 76% in September with respect to their long period average. The seasonal deficiency was mainly contributed by the large scale rainfall deficiencies over most parts of the country during end of season. The season was well predicted as

strong El-Nino was also forecasted from most meteorological forecasting agencies. What caused the above normal rainfall in June and thereafter the decrease in rainfall in subsequent month, what were the forecasts for the season and during the season on different temporal and spatial scales, how the forecasts helped in planning the agricultural and hydrological operations etc. will be discussed in the annual workshop through invited lectures by leading experts from the country.

Invited Talks on

- a) **Observed features during monsoon 2015**
- b) **Long-range, extended-range, medium range and short-range forecasts and their validation**
- c) **Agricultural and hydrological aspects**

National symposium

Indian Summer Monsoon is well known for its range of variability it displays to the people of this subcontinent. The variability in rainfall exists over a wide range of time scale for days to decades and over a range of spatial scales. The Mumbai flooding, the Uttarakhand extreme event, J&K floods a few years back, the erratic flooding of Brahmaputra, Ganga are a few examples of this variability of monsoon. The other side of the coin is the large scale droughts as it happened in current season and prolonged dry spells experienced during the peak season (July and August). Two back-to-back droughts (2014 and 2015) in many parts of the country has posed severe challenges for agricultural and drinking water. Understanding and predicting such events is a tough challenge to the researchers working in this area. The symposium is aimed to bring together and share the state-of-art developments in this field by the researchers working towards understanding the monsoon variability in multiple scales, impact of climate change and the role of oceans in generating monsoon extremes. The deliberations in the symposium will be by the experts as key note addresses and contributions from the young researchers.

Call for contributions

We encourage student/research scholars (within 35 years) to contribute their original research work on the following topics:

- a) **Understanding and forecasting monsoon Intraseasonal extremes**
- b) **Understanding and forecasting Interannual monsoon extremes**
- c) **Impact of Climate change on monsoon extremes**
- d) **Role of ocean in modulating monsoon extremes**

Participants are requested to submit the abstract in .doc/.docx format (max 350 words) by indicating the authors name, affiliation, e-mail and contact number to impunechapter@gmail.com by highlighting the presenting author

There is limited fund for accommodation and travel support up to 3rd A/C train fare for the students/research scholars with first author paper.

Pune City

Pune is the 8th largest metropolises in India, and is considered an important city in terms of its economical and industrial importance. It is located 560m (1840 ft) above the sea level on the western margin of the Deccan plateau. It is situated on the leeward side of the Sahyadri mountain range, which forms a barrier from the Arabian Sea. The climate of Pune during February is very conducive and pleasant with climatological minimum/maximum temperature 15 and 28°C. This beautiful city has many exotic locales attracting innumerable tourists. Pune is well connected by air, rail and road.

The Ocean Society of India (OSI)

OSI works for advancement and dissemination of knowledge in Science, Technology, Engineering and allied fields related to Oceans. OSI-Pune provides periodic and special publications and organizes lectures for dissemination of ocean related scientific and technical information to the public