



TROPMET-2018

National Symposium on

Understanding Weather and Climate Variability : Research for Society

24 to 27 October, 2018

Banaras Hindu University, Varanasi,
Uttar Pradesh

Jointly Hosted by

**Indian Meteorological Society
Varanasi Chapter
and**

**Department of Geophysics
Banaras Hindu University, Varanasi**

Organised by

**INDIAN METEOROLOGICAL
SOCIETY
New Delhi, India**

Background

The Indian Meteorological Society (IMS) is a non profit organization that promotes the advancement, dissemination of knowledge, and the application of meteorology and related sciences. It has more than 3,000 Life Members from 100 or more research institutes, universities, user agencies, NGOs, industries and students.

The objectives of the IMS are:

- Advancement of Meteorological & allied sciences in all aspects.
- Dissemination of the knowledge of such sciences both among the scientific workers and among the public.
- Application of Meteorology and allied sciences to various constructive human activities, such as, agriculture and land uses, irrigation and power development, navigation of sea and air, engineering and technology, medicine and public health etc.

To achieve the above objectives the society takes the following concrete steps:

- Encourages research activity.
- Organizes lectures, meetings, symposia, discussions etc.
- Arranges to publish suitable pamphlets, books, brochures etc.
- Promotes Co-operation in scientific work.
- Encourages the members to foster common interests of the Meteorological professions. Popularisation of Meteorology and Atmospheric Sciences.

Each year, IMS organizes the National Conference TROPMET. This year, TROPMET is going to be held in the Holy City of Varanasi. TROPMET-2018 focuses on weather, climate, climate change and variability which includes the extreme weather events and their long term impact on climate. Today, floods, droughts, heat waves, dust storms, heavy precipitation are becoming more frequent as a result of climate change. Such extreme weather events are considered as most destructive both economically and socially accounting for about 90% of people affected by natural disasters. These weather events need constant monitoring so as to reduce their potential impacts on society. Since observation stations are not available at every spatial point of interest, modelling efforts are required to help assess the situation. Also, process studies are essential to understand the phenomena to a greater depth. Keeping these facts in mind, TROPMET-2018 will make efforts to bring together climate change scientists, local government bodies, academics and early warning services to discuss and share information for the benefit of the society. Detailed programme for this important is being prepared.

Venue

Department of Geophysics, Banaras Hindu University, Institute of Science, Varanasi, 221005, U.P., India.

Themes of the Symposium

- Observations in Climate Variability and Changes.
- Weather/Climate Modelling at Regional & Global Scales.
- Impact of Climate Variability/Change on Agriculture, Water, Energy and Health sectors.
- Weather and Climatic Extreme Events.
- Weather forecasting Services at Different Time Scales.
- Aerosols, Atmospheric Chemistry and Weather/Climate.
- Seismological Research for Society.
- Socio-Economic Impacts of Climate Variability and Change.

Submission of Papers

Papers are invited on the above themes. A softcopy of the abstract of paper indicating the theme (not exceeding 500 words) may preferably be uploaded on the website, <http://imetsociety.org/tropmet-2018/> (under preparation) or may be emailed to tropmet2018@gmail.com in MS World format (MS-Office 2003 or higher).

Important Dates

Abstract Submission	5 th Aug, 2018
Intimation on Acceptance of Abstracts	30 th Aug, 2018
Confirmation of Participation	30 th Sep, 2018
Early Bird Registration	10 th Oct, 2018
Inauguration	24 th Oct, 2018

Associated Events

Research Scholar's Competitive and Scientific Presentation and Poster Campaign	24 th Oct, 2018
Poster Presentation and Exhibition	24-27th Oct, 2018
Interaction Meet of Experts with Stake Holders, Media and NGO's	24th Oct, 2018
Local Tour on Payment Basis.	28th Oct, 2018

Registration Fees

Category	By 10 th Oct, 2018	On Spot
IMS Members	Rs.3000	Rs.4000
Non-IMS Members	Rs.4000	Rs.5000
Scholars/Students	Rs.1000	Rs.1500
Foreign National	US\$150	US\$200
Industry	Rs.5000	Rs.6000
Associated Persons	Rs.3000	Rs.4000

Registration fee may be paid online (details will be provided shortly) and also through Demand Draft in favour of 'IMS Varanasi Chapter', payable at Varanasi along with filled in registration form. There is no registration fee for Honorary Fellows and Fellows of the Society.

Industry Presentation & Exhibition

Special sessions are planned to provide a platform for industry/entrepreneur. A presentation slot of 15 to 20 minutes duration will be allowed for select industry/entrepreneurs. Provision is also made for vendors to exhibit their products and services as well.

Accommodation and Transport

Accommodation will be arranged at the hotels and guest houses as per the entitlement and choice of the delegates on payment basis. Travel support to 3- AC train fare of IMS fellows and retired IMS members with no institutional attachments. It being a peak tourist season for Varanasi, requests for accommodation needs to be communicated at the earliest. Accommodation will be arranged on first-come-first served basis.

About Varanasi

Varanasi, one of the world's oldest living cities is also known as Banaras or Benaras. This holy city is located in the south eastern part of the state of Uttar Pradesh in northern India. It is situated on the left bank of the holy river Ganga (Ganges). The former name of the city "Kashi" signifies Varanasi as "site of spiritual luminance". This is the place where Buddhism is said to have given his lecture on the first turning of the Wheel of Dharma in 528 BCE in nearby Sarnath. Varanasi is also a great centre of learning and known for its heritage in music, literature, art, and craft. The gentle waters of the Ganges, the boat ride at sunrise, the high banks of the ancient Ghats, the array of shrines, the meandering narrow serpentine alleys of the city, the myriad temple spires, the chanting of mantras, the fragrance of incense, the devotional hymn; all offer a kind of mystifying experience that is unique to the city of lord Shiva. It is also the place of one of the biggest universities, The Banaras Hindu University.

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