



# TROPMET 2023

## Changing Dynamics of Arid Region and Impact on Weather and Climate over Indian Subcontinent

### JOINTLY HOSTED BY

India Meteorological Society (IMS) Jaipur Chapter  
and  
Birla Institute of Technology Mesra  
in coordination with Birla Institute of Scientific  
Research, Jaipur



ORGANISED BY  
Indian Meteorological Society

22-24 November 2023

TROPMET is a series of national conferences organized annually by Indian Meteorological Society (IMS). This year, TROPMET will be held at Birla Institute of Scientific Research, Jaipur, Rajasthan during 22-24 November 2023. The TROPMET-2023 focuses on Changing Dynamics of Arid Region and impact on Weather and Climate over Indian Subcontinent. The arid climate over India are extremely diverse in terms of their land forms, soils, fauna, flora, water balances and human activities. The arid regions over India is characterized by excessive heat and inadequate, variable precipitation, which leads to high impact weather events such as floods, droughts, heat waves, dust storms, heavy precipitation etc. Therefore, understanding of the changes is required for scientific community, policy makers and planners to reduce the potential impact on various sectors for the benefit of the society. Keep it in view, TROPMET 2023 deliberates the following subthemes.

- Meteorological Research over Arid Region
- High Impact Weather Events over Arid Regions
- Agriculture Pattern in Arid Zones
- Desert Locust monitoring and forecast through Remote Sensing
- Changing Monsoon Dynamics
- Ocean Atmospheric Interaction
- Atmospheric Process in Planets
- Meteorological Observation and Analysis
- Environmental Pollution and Health Impacts
- Numerical weather Modeling and Processes
- Renewable energy over Arid region
- Application of Drone in weather and climate studies
- Atmospheric Process in Planets
- AI/ML in weather and climate prediction

### CALL FOR PAPER & ABSTRACT SUBMISSION

The original research papers from India and abroad, covering TROPMET-2023 theme/sub-themes are invited for presentation. Authors may submit abstracts not exceeding 300 words (template available at [www.tropmet2023.in](http://www.tropmet2023.in) website).

### IMPORTANT DATES

Abstract Submission: 22 August 2023  
Intimation on Acceptance: 10 September 2023  
Confirmation of Participation: 15 September 2023  
Online Registration Starts: 15 September 2023  
Early Bird Registration ends: 30 October 2023

### REGISTRATION FEES

CATEGORY	BY 30 OCTOBER 2023	LATER
IMS/OSI Members	INR. 3000/-	INR. 4000/-
Non-IMS/OSI Members	INR. 4000/-	INR. 5000/-
Scholars/Students	INR. 1000/-	INR. 1500/-
Post Doctoral Fellow	INR.3000/-	INR. 4000/-
Foreign Nationals	INR. 10000/-	INR. 12000/-
Industry Exhibitions	INR. 50000/-	-

The Registration Fee can be paid through multiple payment options such as net banking or UPI/bank drafts. There is no registration fee for Honorary Fellows and Fellows of the IMS.

### ACCOMMODATION AND TRANSPORT

TROPMET-2023 have minimal resources for offering accommodation and travel support, and all participants are expected to secure support from their sources. The support may be extended to a few case-by-case basis, with priority given to IMS members with no affiliations and students without financial support. The detail charges of the accommodation is available on website. Industry Presentation & Exhibition Special sessions are planned to provide a platform for industry/entrepreneurs. A presentation slot of 15 to 20 minutes duration will be allowed for selected industry/entrepreneurs. Provision is also made for vendors to exhibit their products and services.

**VENUE:**  
**BIRLA AUDITORIUM**  
**JAIPUR, RAJASTHAN, INDIA.**

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