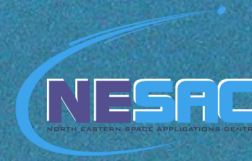


TROPMET 2020



Virtual Symposium on Weather and Climate Services over Mountainous Regions

14 - 17 December 2020

Organized by

Indian Meteorological Society
New Delhi

Hosted by

North Eastern Space Applications Centre (NESAC)
Dept of Space, Govt. of India, Umiam, Shillong, Meghalaya

and

Indian Meteorological Society – Shillong Chapter
Shillong, Meghalaya

www.tropmet2020.in

E-mail: tropmet2020@gmail.com



Theme for the virtual Symposium

- T - 1: Dynamics and Physics of orographic clouds and precipitation
- T - 2: Lightning Physics and Forecasting
- T - 3: Numerical weather prediction, data assimilation, and forecasting
- T - 4: Monsoon prediction and dynamics
- T - 5: Boundary layers and turbulence
- T - 6: The Mountain Cryosphere (snowpack, glaciers, avalanches, etc.)
- T - 7: Climate change and climate variability
- T - 8: Land-Ocean-Atmosphere Interactive Processes
- T - 9: Weather and climate services for farmers
- T - 10: Impact of Climate Variability/Change on Agriculture
- T - 11: Hydro-meteorological disasters and management
- T - 12: Artificial Intelligence, Machine Learning, & Deep learning in weather & climate research and services
- T - 13: Remote Sensing of Atmosphere, geophysical parameter retrieval, calibration, and validation
- T - 14: Aerosol-cloud-precipitation interactions
- T - 15: Weather and Climate for human health
- T - 16: Indigenous instrumentation for atmospheric profiling (Radars, Sodars, Lidars, AWS, etc.)
- T - 17: Severe weather and complex terrains

Call for paper & abstract submission

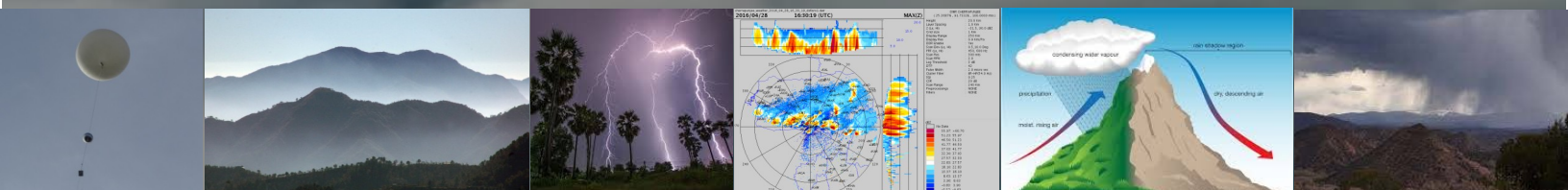
The original research papers from India and abroad, covering one or more themes are invited for virtual presentation. Authors may submit abstracts with minimum 300 words and maximum 500 words (limiting to one page) through the symposium website www.tropmet2020.in. The last date for abstract submission is 15 October, 2020. The abstracts will be reviewed and final acceptance shall be subject to the review recommendations. Abstract Volume and Proceedings of the Symposium shall be brought out in digital form. A full paper may be submitted for all selected papers. Selected full papers shall be published in IMS Journal after review as per the journal procedure.

Student presentations

IMS encourages students including Research Scholars to submit their research papers for the symposium. A few papers will be selected under the student category for each theme and will be allowed for presentation.

Best paper award

The best paper awards in Student category (lead author of the paper must be a student) and general category will be given to the selected papers presented. Students are advised to upload their ID during registration for considering their paper under the students category.



Patrons

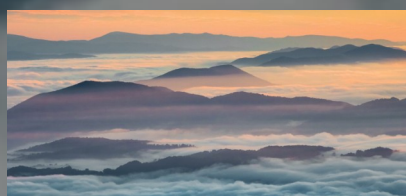
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Prof Ashutosh Sharma, Secretary, DST, Govt. of India
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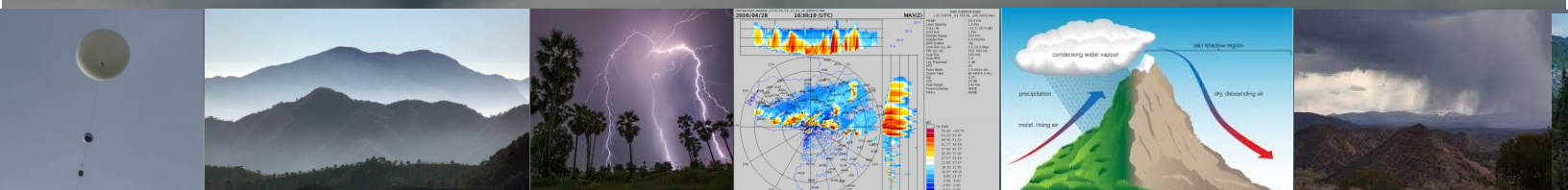
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Organizing Secretary: Dr Shyam S Kundu

Organizing Jt. Secretary: Dr Jonali Goswami



Important dates to remember

Last date for abstract submission: 30 October, 2020

Intimation of acceptance of abstracts: 15 November, 2020

Early bird registration ends: 30 November, 2020

Registration for commercial presentations: 30 November, 2020

Symposium date: 14 - 17 December, 2020

Category	On or before 30 November 2020	After 30 November 2020
IMS members	Rs. 500	Rs. 600
Non-IMS members	Rs. 750	Rs. 900
Students & Research Scholars	Rs. 500	Rs. 600
Foreign Nationals	US \$ 25 US \$ 10 for SAARC / BIM- STEC countries	US \$ 30 US \$ 15 for SAARC / BIMSTEC countries

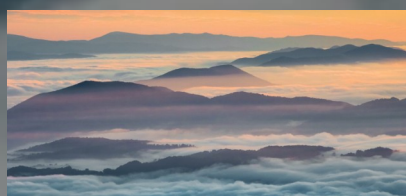
Payment

All payments towards the registration fee / Sponsorships / exhibition charges / company presentation shall be remitted through online bank transfer to IMS Shillong Chapter Current Account number: 37351280788 of State Bank of India, Umiam, Barapani Branch, (IFSC: SBIN0002010; MICR: 793002522). Please keep the copy of transaction acknowledge report or a screen shot of the successful transaction for uploading in the website during registration / abstract submission or sent by e-mail to tropmet2020@gmail.com along with full details of remitter

For Registration and Abstract submission

Please visit

www.tropmet2020.in



About Indian Meteorological Society

The Indian Meteorological Society (IMS) is a nonprofit organization that promotes the advancement, dissemination of knowledge, especially in the field of meteorology and related sciences. It has more than 3,500 Life Members from 100 or more research institutes, Universities, user agencies, NGOs, and industries. There are also several student members.

The objectives of the society are:

- Advancement of Meteorological and allied sciences in all their 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, periodicals, brochures etc.
- Promotes Co-operation in scientific work.
- Encourages the members to foster common interests of the Meteorological professions.

IMS organizes a National Symposium called TROPMET every year and an international symposium called INTROMET every fourth year. During 2020, due to the COVID-19 pandemic, the TROPMET will be organized virtually for the first time. TROPMET-2020 focuses on all aspects of weather and climate over mountainous regions. The Atmospheric processes over such regions are different and therefore needs a different analysis and modeling approach to address the complexities of such regions. Such terrains are also more prone to extreme weathers and climate change causing the population in such terrains more vulnerable. Keeping these facts in mind, TROPMET-2020 will make efforts to bring together atmospheric scientists, oceanographers, agricultural scientists, policy makers, disaster managers and other related experts to discuss and share knowledge, experience, and information for the benefit of the society.

About NESAC

The North Eastern Space Applications Centre (NESAC), a joint initiative of Department of Space (DOS) and the North Eastern Council (NEC), is a society registered under the Meghalaya Societies Registration Act, 1983. The Centre has provided more than 2 decades of dedicated service to the nation with greater emphasis on eight states of North Eastern Region (NER) of India using space science and technology. The major objectives of the Centre are:

- 1) To provide an operational remote sensing and geographic information system aided natural resource information base to support activities on development/management of natural resources & infrastructure planning in the region.
- 2) To provide operational satellite communication applications services in the region in education, health care, disaster management support, and developmental communication.
- 3) To take up research in space and atmospheric science area and establish an instrumentation hub and networking with various academic institutions of NER.
- 4) To enable single window delivery of all possible space based support for disaster management
- 5) To set up a regional level infrastructure for capacity building in the field of geospatial technology.

Contact details

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