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Call for contributions & Submission of Abstracts for the National Symposium

- Theme-1:** Understanding Weather and Climate extremes in changing climate.
Theme-2: Improving the prediction skills of extremes in changing climate.
Theme-3: Impact of Extreme weather on Human & Animal health.
Theme-4: Extreme weather and crop health.
Theme-5: Climate change and communicable diseases.
Theme-6: Climate change and Pandemic risk.
Theme-7: Pollution and Human health.
Theme-8: Data driven health impact modelling using AI/ML.
Theme-9: Effective communication of climate services to general public.
Theme-10: Tailoring of climate information for decision making in the health sector.

Important Dates

Abstract submission starts on: **30th January 2023**

Abstract submission ends on: **25th February 2023**

Communication of Acceptance of Abstract: **10th March 2023**

Link for Abstract Submission

<https://forms.gle/49oJUrnngxwSmzirW8>

or scan here



Registration Fees


For IMS Members: **Rs. 400 /-**

For Non-IMS Members: **Rs. 600 /-**

(Payment to be done on-spot at the conference venue from 08.30 am of 28th March 2023)

Contact Information

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Visit www.imdpune.gov.in/imsp/ for updates

Dr. Divya Surendran, Secretary, IMSP

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Annual Monsoon Workshop (AMW-2022) and National Symposium on “Challenges in climate services for health sector in the warming environment”

Organized by:

Indian Meteorological Society, Pune Chapter (IMSP)
(In association with IITM & IMD Pune)

Dates:

28th March 2023 (Tuesday): AMW-2022
29th & 30th March 2023 (Wednesday & Thursday):
National Symposium

Venue:

Meghdoot Auditorium
Indian Institute of Tropical Meteorology (IITM),
Pashan, Pune-411008, India



How to reach



Sponsored/ Hosted by:

Ministry of Earth Sciences (MoES), GOI, New Delhi
Indian Institute of Tropical Meteorology (IITM), Pune
India Meteorological Department (IMD), Pune / Delhi
Savitribai Phule Pune University (SPPU), Pune
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Indian Institute of Science Education and Research (IISER), Pune
Indian Institute of Technology (IIT), Bombay
International Monsoons Project Office (IMPO), IITM, Pune
& many leading central and state departments/organizations

About IMSP & Annual Monsoon Workshop (AMW-2022)

The Indian Meteorological Society, Pune Chapter (IMSP) is one of the largest and most active local chapters of the IMS. It has about 600 members actively associated with the Pune offices of the India Meteorological Department (IMD), Indian Institute of Tropical Meteorology (IITM), various departments of Savitribai Phule Pune University, CDAC, IISER and other institutions. IMSP is also one of the most important platforms for many senior members of the IMS settled in Pune after retirement but still very active, for sharing their experience and knowledge with the next generation. In order to keep pace with the rapid developments in the field of Meteorology and allied sciences, the IMSP regularly organizes popular lectures by eminent meteorologists from India and abroad and also conducts thematic programs focusing on popularization of Meteorology among the general public and academic institutions like schools, colleges, etc. An annual flagship activity of the IMSP is the 'Annual Monsoon Workshop (AMW)', being conducted regularly every year since 1989. The behaviour and unique features of the latest monsoon season are presented and discussed during the Annual Monsoon workshop. The workshop provides meteorologists, engaged in the operational services as well as research, an opportunity to consider various features of the monsoon from their multiple points of view. In addition, the participating scientists share their views and knowledge on the perceptible trends in the monsoon activity and their implications in the context of global climate change and its impacts. The behaviour and unique features of the south-west & north-east monsoon seasons of 2022, along with Predictions on different time-scales (Long range, extended range, medium range & short range) and their validation will constitute the overarching theme for AMW-2022.

About the National Symposium on "Challenges in climate services for health sector in the warming environment"

Global warming and climate change are directly and indirectly affecting the health of humans, animals as well as the plants. There are undeniable evidences that climate change and variability can act as an amplifier of threats to different aspects of global health system. Human health outcomes are largely affected by both extreme weather events and gradual changes in weather and climatic conditions. Every year, they are disrupting more and more lives and also exacerbating chronic health conditions like asthma, expanding the range of infectious diseases, and worsening mental illness. This threat is aggravated within vulnerable communities, including socioeconomically disadvantaged- and minority-communities.

The direct effects of climate change on the animal health are primarily due to increased temperatures and frequency and intensity of heat waves. Depending on its intensity and duration, heat stress affects livestock health by causing metabolic disruptions, oxidative stress, leading to different types of infections and death. Rising temperatures lower the survival rates of many species due to the changes that lead to less food, less successful reproduction, and interfering with the environment for native wildlife.

Changes in precipitation patterns and increase in temperatures are making it difficult for many plants to survive in their natural habitats. In some cases, the combination of these extreme climate variables is creating favourable conditions for the invasive pest outbreaks, leading to the loss of plant species. The nature and structure of soil is also getting altered with the abnormal changes in weather and climate. This can disrupt the plant growth and crop yields and can ultimately lead to reduced food availability and food quality.

Climate services for health is an emerging field of applied science and it is one of the priority areas of the Global Framework for Climate Services (GFCS), along with agriculture and food security. Factors leading to the effects of climate change on health are extremely complex, involving not only environmental drivers, but also ecological and social aspects, economic interests, and individual and community behaviour. Therefore, strengthened communication and collaborations among climate and health actors/people at all levels are very much essential for implementing effective climate-health services. This national symposium will provide an ideal platform to present and discuss recent findings on the linkage of climate and health sector and associated challenges.

Invited talks during symposium by experts

- Health impacts of heat/cold extremes and mapping of temperature-related mortality/morbidity risks.
- Changing patterns of infectious diseases with changing climate
- Strengthening the national capacities on biodiversity, climate and health inter-linkages,
- The role of health professionals in Climate Action.
- Climate Resilient health care systems.
- Scope of Climate Services in controlling Vector Borne Diseases and Expectations from Climate Community
- Climate information needs of the health sector for early warning and risk management