



पृथ्वी विज्ञान मंत्रालय
Ministry of Earth Sciences



IMD receives National Award for e-Governance 2025 for Multi Hazard Early Warning Decision Support System

The India Meteorological Department receives National Award for e-Governance 2025 for its project, '**Multi Hazard Early Warning Decision Support System**' from Dr. Jitendra Singh, Hon'ble MoS (Independent Charge) of the Ministry of Science and Technology and MoS Earth Sciences, MoS in the Prime Minister's Office, MoS in the Ministry of Personnel, Public Grievances and Pensions, MoS in the Department of Atomic Energy and Minister of State in the Department of Space.

The project has been developed indigenously by the team lead by Dr. M. Mohapatra, Director General of Meteorology, India Meteorological Department. The other team members include Shri Anshul Chauhan, Scientist-C, Mrs. Suman Gurjar, Scientist-D and Dr. Bushair M.T., Scientist-D.

The Multi-Hazard Early Warning Decision Support System (DSS) is a digital platform that automates the decision making on critical weather forecasting processes and forecast and warning services to public, Government and non-government agencies as well as specific stakeholders. It integrates real-time data from satellites, radars, and ground & upper air-based sensors into a centralized GIS enabled platform, replacing outdated manual workflows. It has capability to develop and issue impact-based forecast and risk-based warning for all severe weather hazards. The Mausamgram provide hyperlocal weather forecasts with the ambition of Har Har Mausam, Har Ghar Mausam (weather information to each house at any time). The developed decision support system (DSS) empowers sectors like agriculture, aviation, marine, power, surface transport and above all disaster risk reduction. The initiative has saved lives (absolute zero casualties during Biparjoy (2023) and Dana (2024)) & properties and hence has a measurable socioeconomic impact while ensuring self-reliance and enabling weather ready disaster resilient society.

The details about National e-Governance award-2025 are available at

<https://share.google/SYeUXHlsmSR24pjqG>

A documentary film highlighting the key features of IMD's Decision Support System and the associated outcome is available at <https://youtu.be/16fa8svv4Vo>



Hon'ble Minister Dr. Jitendra Singh conferring the prestigious National Award for e-Governance upon India Meteorological Department **Department for indigeneous development of “Multi-hazard Early warning Decision Support System”** that enabled zero casualties during cyclones Biparjoy (2023) and Dana (2024)



Trophy awarded to the India Meteorological Department for indigeneous development of “Multi-hazard Early warning Decision Support System” that enabled paradigm shift in forecasting all severe weather events



Certificate conferred upon Dr. Mrutyunjay Mohapatra, Director General of Meteorology, India Meteorological Department, for his initiatives in the development of the **“Multi-hazard Early Warning Decision Support System”**, in the category of Government Process Re-engineering through the use of Technology for Digital Transformation.



IMD received National Award for e-Governance 2025

for Multi Hazard Early Warning Decision Support System



Certificate awarded to India Meteorological Department in recognition to **indegeneous** development of the **“Multi-hazard Early Warning Decision Support System”**



Team India Meteorological Department receiving the National Award on e-Governance for development of the **“Multi-hazard Early Warning Decision Support System”** indogeneously.

Left to Right: Dr. M.T Bushair, Scientist-D, Dr. Mrutyunjay Mohapatra, Director General of Meteorology, Mr. Anshul Chauhan, Scientist-C and Mrs. Suman Gurjar, Scientist-D, India Meteorological Department