

Annual Climate Change program and their Present status and future Prospect

An International Workshop on Prediction skill of extreme Precipitation events and tropical cyclones was organized by Earth System Science Organization (ESSO)-Indian Institute of Tropical Meteorology, Meghdoot Auditorium, Pune, Maharashtra under Ministry of Earth Science, Govt. of India from 25 November 2019.

Dr. M. Rajeevan, Union Secretary for Earth Sciences announced various new initiatives of the Ministry for improving weather and climate forecasts and services in the country. He also mentioned about the improvement of weather forecasting services in recent years and said that the government of India invested a lot in numerical weather prediction under Monsoon Mission which has resulted in a reliable dynamical modeling framework for predicting monsoon on different scales. Dr. Rajeevan said that the ensemble Global forecast system (GFS) developed for providing short to medium range weather prediction at a very high resolution of 12 km is the best in the world which enables the country to make many new societal initiatives such as block-level agri forecast, extreme rainfall forecast, wind and energy forecast, fog prediction and forest fire forecast.. He also said society needs information about extreme weather events at least 7 days in advance to help in improving understanding of weather and climate phenomena and provide impact-based forecast to society that will tell people about how it will impact their lives.

The workshop is being organized by Earth System Science Organization (ESSO)-Indian Institute of Tropical Meteorology, Meghdoot Auditorium, Pune, Maharashtra under Ministry of Earth Science, Govt. of India

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