

EPS technology for effective weather forecasting

National Centre for Medium Range Weather Forecasting (NCMRWF), Ministry of Earth Sciences, Government of India organized a 3-day international conference on Ensemble Methods in Modelling and Data Assimilation (EMMDA) at NCMRWF, Noida, during 24-26 February 2020.

Dr. N. Rajpal, Chief of NCMRWF discussed the importance of the Ensemble Prediction System (EPS) and how it is extremely effective in making accurate forecasting of global weather. He also requested the global community to come forward and promote this technology to make weather forecasting more accurate. He mentioned that in order to address the forecast uncertainty, leading forecasting centres all over the world have developed their EPS, for providing probabilistic weather forecasting. India has recently implemented two high resolution (~12 km) global EPS. A well-coordinated collaborative research and development work between national and international centres are now needed for progressively improving the functioning of the EPS.

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