

Workshop on Use of Products from Ensemble Prediction Systems

Programme

Day 1: Wednesday, 20 January 2021		
2:00 – 2:05	Welcome address by Dr. A. K. Mitra, Head NCMRWF	
2:05- 2:15	Inaugural Address by Dr. M. Rajeevan, Secretary, MoES	
2:15 – 2:20	‘About the workshop’ by Abhijit Sarkar, NCMRWF	
Moderator – Dr. A. K. Mitra		
2:20 – 2:40	Abhijit Sarkar, NCMRWF	Global and Regional Ensemble Prediction Systems of NCMRWF
2:40 – 3:00	John P. George, NCMRWF	Accounting Initial Condition Uncertainties in NEPS
3:00 – 3:20	Raghavendra Ashrit, NCMRWF	NCMRWF Model Based Probabilistic Forecast Products
3:20 – 3:40	Joanne Robbins, UKMO	Use of Ensemble Forecast Products at UKMO
3:40 – 3: 55	R. Jenamani, IMD	NWP Products for a Forecaster: Present Utility and New Requirement
3:55 – 4:10	K. K. Singh, Agromet Division, IMD	Use of Numerical Model Forecast for Agriculture Sector: Handling Uncertainty
4:10– 4:25	Shreya Pandit, IAF	Utilisation of NWP Products for Weather Support Services for IAF Operations: Present & Way Ahead
4:25 – 5:00	Discussion	
Day 2: Thursday, 21 January 2021		
Moderator – Dr. A. K. Sahai		
2:00 – 2:20	V. S. Prasad, NCMRWF	Generation of IC Perturbation in GSI GEFS System
2:20 – 2:40	P. Mukhopadhyay, IITM	GEFS Based Ensemble Products in Medium Range
2:40 – 3:00	A.K. Sahai, IITM	CFS Based Ensemble Forecast Products in Extended Range
3:00 – 3:20	Steven Cole, UKCEH, UK	Ensemble Rainfall and River Flow Forecasts in UK
3:20 – 3:40	Narendra Tuteja, BoM, Australia	Ensemble Hydrological Forecasting in Australia
3:40 – 3:55	D. R. Pattanaik, IMD	Ensemble and MME Tools Used in IMD for Weather Forecasting
3:55 – 4:10	Ankur Gupta, NCMRWF	UM Based Ensemble Forecast Products in Extended/Seasonal Scale
4:10 – 4:25	Mr. A.G. Rangaraj, NIWE	Application of NWP in Renewable Energy Forecasting and uncertainties

4:25– 5:00	Discussion	
Day 3: Friday, 22 January 2021		
Moderator – Dr. John P. George		
2:00 – 2:20	Sharad Chandra, CWC, MoWR	Use of NWP Forecast in Flood Forecasting in India: Handling Uncertainty
2:20 – 2:40	T. Usha, NCCR	Utility and Uncertainty in Rainfall Forecast for Urban Flood Forecasting
2:40 – 2:55	Swapnil Bathe, Indian Navy	Use of Model Forecast at Navy
2:55 – 3:10	Umamahesh N. V, NIT, Warangal	Application of Ensemble Techniques for Flood Forecasting in India
3:10 – 3:25	Shweta Mukim, Climate Connect Technologies	Use of NWP Forecast in Solar Power Generation
3:25 - 3:40	Sanjay Rana, NPCIL	Use of Model Forecast Products for Environmental Application at NPCIL
3:40 – 3:55	N. K. Goel, IIT, Roorkee	Use of Ensemble Forecast in Water Resources Management: Handling Uncertainty
3:55 – 4:10	Amresh Khosla, Manikaran Analytics Limited	Use of NWP Forecast in Renewable Energy Applications
4:10 – 4:25	Sudhanshu Sekhar, SASE	Use of Ensemble Forecast over Western Himalayas
4:25 – 5:00	Discussion and Closing Remark	