

HAFS Colloquium-cum-Training Workshop

Agenda

Date: Wednesday 20th November 2024

Time: 09:30 AM – 05:00 PM

Location: Conference Hall, NCMRWF

Time	Agenda Item	Speaker
09:30 - 9:35 AM	Welcome Address	Workshop Host
09:35 - 9:40 AM	Opening Remarks by Head, NCMRWF	Dr. V.S Prasad Head, NCMRWF
09:40 - 9:50 AM	Overview of HAFS Training Workshop	Dr. Vijay Tallapragada Senior Scientist (ST) for Environmental Modeling Center - NOAA
09:50 - 9:55 AM	Recent Developments in Taiwan Regarding Typhoons	Mr. Chin-Tzu Fong Deputy Director, Central Weather Bureau
09:55 - 10:05 AM	Remarks from NCEP-NOAA	Dr. Michael R. Farrar Director, NCEP
10:05 - 10:15 AM	Address by DGM, IMD	Dr. Mrutyunjay Mohapatra DG, IMD
10:15 - 10:25 AM	Keynote Address by Secretary, MoES	Dr M Ravichandran Secretary, MoES
10:25 - 10:30 AM	Vote of Thanks	Organizer
10:30 - 11:00 AM	High Tea and Group Photo	
11:00 - 11:30 AM	Presentation from IMD	
11:30 - 12:00 AM	Overview of NCEP Models for Tropical Cyclone Forecasting	Dr. Vijay Tallapragada
12:00 - 12:30 PM	Overview of NCMRWF Models for Tropical Cyclone Forecasting	Dr. Ashish Routray
12:30 - 01:00 PM	Overview of CWA TWRP Model and the AI/ML Applications for Tropical Cyclone Forecasting	Der-Song Chen (CWA)
01:00 - 02:00 PM	Lunch	
02:00 - 02:20 PM	HAFS System: Configurations, Implementation and Upgrades	Zhan Zhang (NCEP/EMC)
02:20 - 02:40 PM	HAFS Repository and Workflow	Bin Liu (NCEP/EMC)
02:40 - 03:00 PM	Tea Break	
03:00 – 05:00 PM	Practical Session: Install and Run HAFS	
05:00 PM	Adjourn	

Date: Thursday 21st November 2024

Time: 09:30 AM – 05:00 PM

Time	Topic	Speaker
Morning Session		
09:30 - 10:00 AM	Hurricane Modeling 101	Sundararaman Gopalakrishnan (AOML/HRD) - Virtual
10:00 - 10:30 AM	Presentation from NCMRWF	
10:30 - 11:00 AM	Rapid Intensification of Typhoon Chanthu (2021) Observed by Taiwan Radar Network	Pao-Liang Chang (CWA)
11:00 - 11:30 AM	Presentation from INCOIS	
11:30 - 11:50 PM	Tea Break	
11:50 - 12:20 PM	Future of HAFS and its Application for Coastal Resilience and Inland Impacts	Avichal Mehra (NCEP) & Dev Nyogi (UT Austin)
12:20 - 12:40 PM	HAFS Nesting and Coupling	Bin Liu (NCEP/EMC)
12:40 - 01:00 PM	HAFS Vortex Initialization and Data Assimilation	Zhan Zhang (NCEP/EMC)
01:00 - 02:00 PM	Lunch	
Afternoon Session		
02:00 - 03:30 PM	Practical Session: HAFS Moving-Nesting Configuration with Ocean Coupling	
03:30 - 04:00 PM	Tea Break	
4:00 - 05:00 PM	Practical Session: HAFS Configuration with VI/DA	
5:00 PM	Adjourn	

Date: Friday 22nd November 2024

Time: 09:30 AM – 05:00 PM

Time	Topic	Speaker
Morning Session		
09:30 - 10:00 AM	HAFS Post, Product, and Verification	Lin Zhu (NCEP/EMC)
10:00 AM - 12:00 PM	Practical Session: Operational HAFS Configurations	
12:00 - 12:30 PM	Discussion, Closing Remarks, and Wrap-up	
12:30 PM	Adjourn	