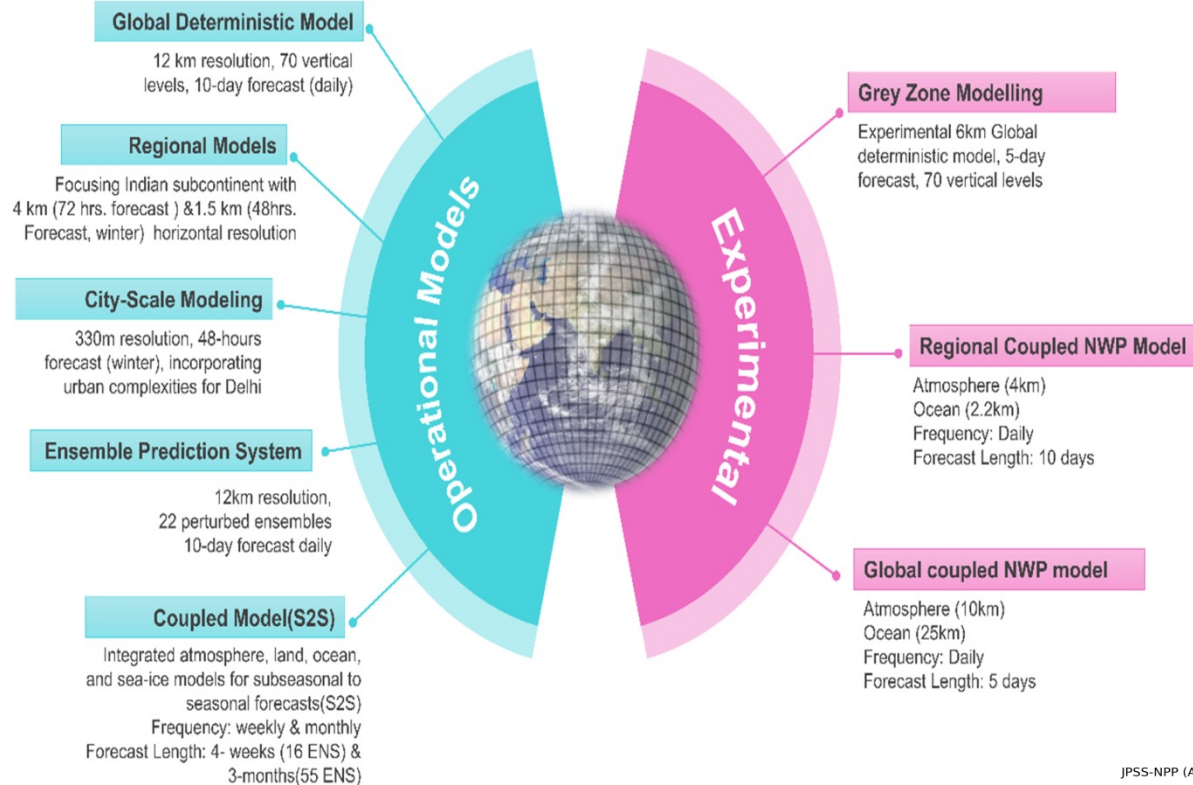


NCMRWF NWP Status since ITSC24

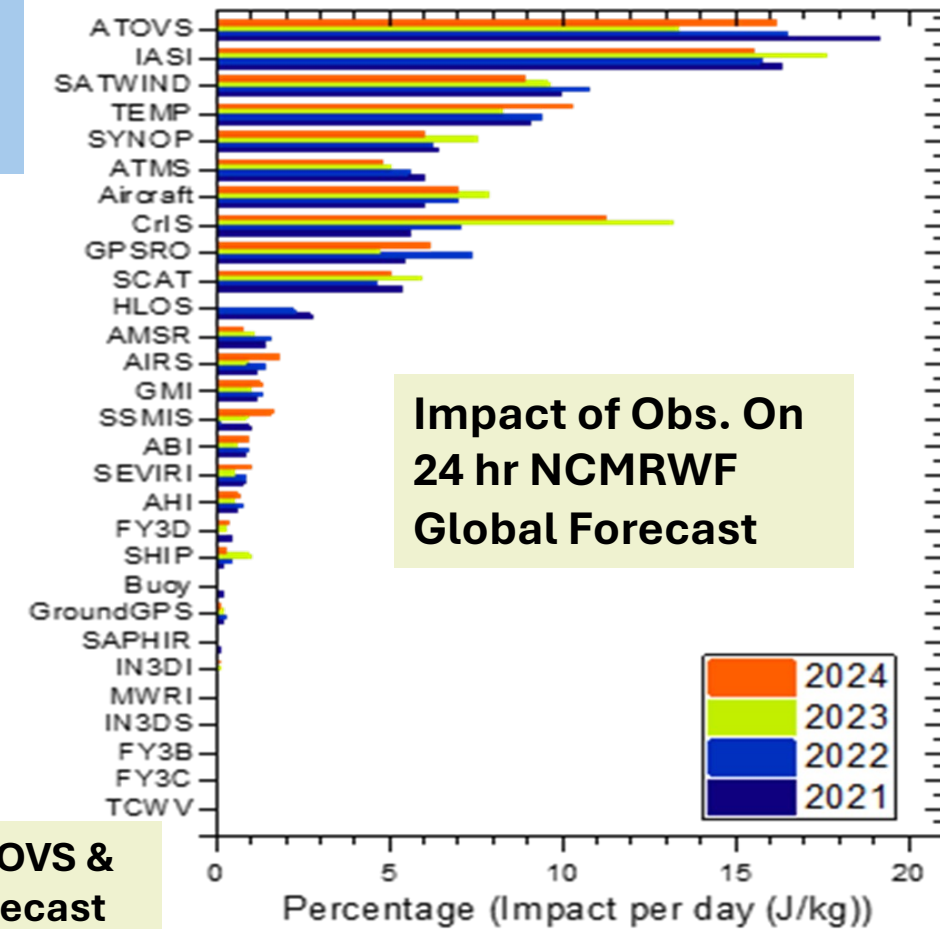
John P George & V S Prasad
NCMRWF, Noida, Uttar Pradesh, India

NCMRWF NWP Systems



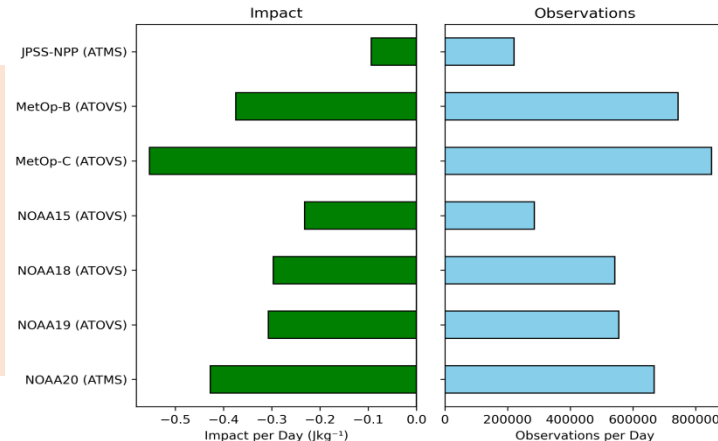
DA System - Global
Atmosphere
(Hybrid 4DVar)
Ocean& Sea Ice (3DVar),
Land Surface (sEKF)

DA System -Regional
Atmosphere
(4DVar)
Land Surface (sEKF)



Impact of ATOVS & ATMS on Forecast

FSO Impact for JJAS 2024



Recent Obs. additions in DA

- **ATMS** and **CrIS** radiances from **NOAA 21**
- **Oceansat-3** scatterometer sea surface wind
- **HYSat (HY-2 B, C, D)** scatterometer sea surface wind