



Important Facts for Prelims (23rd November 2018)

Atmosphere & Climate Research-Modelling Observing Systems & Services (ACROSS)

- The Government has approved continuation of **the nine sub-schemes of the umbrella scheme "Atmosphere & Climate Research-Modelling Observing Systems & Services (ACROSS)" during 2017-2020.**
- The scheme will provide improved weather, climate and ocean forecast and services. This would include warnings for cyclones, storm surges, heat waves and thunderstorms.
- It will be **implemented by the Ministry of Earth Sciences** through its institutes namely India Meteorological Department (IMD), Indian Institute of Tropical Meteorology (IITM), National Centre for Medium Range Weather Forecasting (NCMRWF), and Indian National Centre for Ocean Information Service (INCOIS).
- It has also approved establishment of **National Facility for Airborne Research (NFAR)** which will serve the purpose of airborne measurements in respect of Aerosol sampling, measurement of cloud properties, cloud physics, Convective Tropical Convergence Zone (CTCZ), atmospheric chemistry, etc. to address all relevant scientific issues.

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