

Divecha Centre for Climate Change INDIAN INSTITUTE OF SCIENCE BANGALORE-560012

Phone: 91-80-2293 3425/2075

Title : Forecast Products for Renewable Energy Applications

AT NCMRWF

Speaker: Raghavendra Ashrit

Date: Monday, June 19, 2017

Venue : CAOS SEMINAR HALL

Time :3.30 PM, Tea: 3.15 PM

Abstract: NATIONAL CENTRE FOR MEDIUM RANGE FORECASTING(NCMRWF) uses a Unified Model (UM) operational at 17 km and 4 km to forecast (i) wind speed and direction at different height for wind energy application (ii) -Shortwave Radiation (GHI and DNI) for solar energy applications from a few hours to ten days. This talk will provide an overview of the NCMRWG model forecast products for renewable energy applications. These forecasts have been used by Tamil Nadu electricity board to save upto Rs. 2 crore per day.

ALL ARE WELCOME