



Ministry of Earth Sciences  
Earth System Science Organization (ESSO)  
National Centre for Medium Range Weather Forecasting  
Silver Jubilee  
International Conference on  
Prediction of Weather and Climate Systems Seamlessly (PROWESS-2014)

National Centre for Medium Range Weather Forecasting (NCMRWF) proudly announces the international conference "Prediction of Weather and Climate Systems Seamlessly (PROWESS)" during 17-19 February 2014, in Noida, INDIA. The conference is being organized to commemorate the silver jubilee of NCMRWF and will be dedicated to continued development of Numerical Weather Prediction in India. The conference will provide a platform for discussions on the present status and future prospects in model development, data assimilation, physical processes, etc. for building a seamless system over this region. A number of eminent scientists from India and abroad will participate in this event.

Although significant progress has been made in the field of modeling and data assimilation, much more is required to be achieved, to reach the desired level of accuracy and reliability of the forecasts. Continuous research and development activities are pertinent for achieving enhanced skill for seamless prediction.

The major themes of the conference are:

- Model Development
- Data Assimilation
- Predictability in Tropics from Days to Season
- Physical Processes
- Seamless Prediction/Earth System Modeling
- Model Verification/Applications

The Conference will have invited talks from national and international experts on the above mentioned themes. The scientific community from various Indian academic institutions is also expected to participate. The conference is intended to provide a platform for sharing of experience and exchange of ideas in the emerging areas and pave path for future collaborations amongst the scientific community. It is envisaged that the conference will come up with recommendations for planning future R&D and providing useful applications for the benefit of the society.

Venue: NCMRWF, A-50, Sector 62, Noida

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PROWESS-2014