

Conference Program

Monday, January 28

8:00 - 9:45 **Registration**

10:00 - 10:20 **Opening Session**

Introduction of the reanalyses

- 10:30 **V1-101 The JRA-25 Reanalysis**
Kazutoshi Onogi
Japan Meteorological Agency, Japan
- 11:00 **V1-102 Evolution of Reanalysis at ECMWF**
Sakari Uppala, Dick Dee, Shinya Kobayashi, Adrian Simmons
European Centre for Medium-Range Weather Forecasts, UK
- 11:30 **V1-103 Reanalysis at NCEP: Past, Present and Future**
Robert Kistler¹ and NCEP Staff, Contractors and Visiting Scientists, Past and Present
NCEP/SAIC, USA
- 12:00 **V1-104 Assimilating Earth System Observations at NASA: MERRA and Beyond**
Siegfried Schubert, Michael Bosilovich, Michele Rienecker, Max Suarez, Ron Gelaro,
Randy Koster, Rolf Reichle, Steven Pawson, Ivanka Stajner, Arlindo da Silva,
Christian Keppenne, Watson Gregg
GSFC/NASA, USA

12:30 - 14:00 **Lunch**

Applications of reanalysis products

- 14:00 **V1-201 Detection of Key Atmospheric Features in Reanalysis Data**
Phillip A. Arkin¹, Randy Dole², Siegfried Schubert³, James Carton¹, Eugenia Kalnay¹,
Randy Koster³
¹University of Maryland, USA, ²NOAA, USA, ³GSFC/NASA, USA
- 14:30 **G1-211 Use of Reanalyses to Examine Climate Model Errors via NWP Type Forecasts**
David L. Williamson
National Center for Atmospheric Research, USA

14:50 **G1-212** **Numerical Simulation of a Bay of Bengal Tropical Cyclone: A Comparison of the Results from Experiments with Jra-25 And Ncep Reanalysis Fields**
 Dodla Venkata Bhaskar Rao, Desamsetti Srinivas, Dasari Hari Prasad
Andhra University, India

15:10 **G1-213** **A Stochastic Model of the Madden-Julian Oscillation**
 Charles Jones¹, Adrian Matthews², Benjamin Pohl³
¹Institute for Computational Earth System Sciences, University of California Santa Barbara, USA, ²University of East Anglia, UK, ³Centre de Recherches de Climatologie, Université de Bourgogne, France

15:30 - 16:00 **Coffee break**

16:00 **V1-221** **A Comparison of Vertically-Integrated Water and Energy Cycle Diagnostics from Several Reanalyses**
 Kevin E. Trenberth, Lesley Smith, John Fasullo
National Center for Atmospheric Research, USA

16:30 **G1-222** **Importance of the Low-level Diabatic Heating on the Formation of the Summertime Subtropical Highs: Sensitivity to Diabatic Heating Data Set**
 Takafumi Miyasaka¹, Hisashi Nakamura^{1,2}
¹University of Tokyo, Japan, ²Frontier Research Center for Global Change, JAMSTEC, Japan

16:50 **G1-223** **Typhoon Landfall Mode in ERA-40 and JRA-25 Reanalysis Datasets**
 Tetsuo Nakazawa¹, Kavirajan Rajendran²
¹Meteorological Research Institute, Japan, ²CSIR Centre for Mathematical Modeling & Computer Simulation, National Space Laboratories, India

17:10 **G1-224** **Characteristics of Storm Tracks in JMA's Seasonal Forecast Model**
 Akihiko Shimpo
Japan Meteorological Agency, Japan

17:30 **G1-225** **Usage of Atmospheric Reanalysis Data for Dynamical Diagnoses of the Atmospheric Circulation and Climate Variability**
 Hisashi Nakamura^{1,2}
¹University of Tokyo, Japan, ²FRCGC/JAMSTEC, Japan

17:50 **G1-226** **Impacts of Persistent Circulation Anomalies on Precipitation over Northern Eurasia during Summer**
 Yoshiki Fukutomi¹, Kooiti Masuda¹, Tetsuzo Yasunari^{1,2}
¹FRCGC, JAMSTEC, Japan, ²HyARC, Nagoya University, Japan

19:00 - 21:00 **Reception**
