

**Tuesday, January 29**

- 9:00    **V2-231    Dynamical Downscaling of Global Reanalysis**  
Masao Kanamitsu<sup>1</sup>, Hideki Kanamaru<sup>1</sup>, Kei Yoshimura<sup>1</sup>, Yifeng Cui<sup>2</sup>, Henry Juang<sup>3</sup>,  
Wataru Ohfuchi<sup>4</sup>  
*<sup>1</sup>Scripps Institution of Oceanography, USA, <sup>2</sup>San Diego Supercomputer Center, USA, <sup>3</sup>National  
Centers for Environmental Prediction, USA, <sup>4</sup>Earth Simulator Center, JAMSTEC, Japan*
- 9:30    **G2-232    Global Dynamical Downscaling of Reanalysis with Bias Correction**  
Kei Yoshimura<sup>1,2</sup>, Masao Kanamitsu<sup>1</sup>  
*<sup>1</sup>Scripps Institution of Oceanography, University of California, USA, <sup>2</sup>Institute of Industrial  
Science, The University of Tokyo, Japan*
- 9:50    **G2-241    Climate Classification Using Reanalysis Data**  
Nobuo Yamazaki, Kentaro Suzuki, Kiyotoshi Takahashi, Masaru Chiba, Hirotaka Kamahori  
*Japan Meteorological Agency, Japan*

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10:10 - 11:10    **Poster and coffee break**

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- 11:10    **G2-251    Intra-Seasonal Oscillations of Indian Monsoon: Dynamics through NCEP/NCAR  
Reanalysis Data**  
Ashwini A. Kulkarni<sup>1</sup>, Ramesh Kripalani<sup>1</sup>, Sudhir Sabade<sup>1</sup>, Madhavan Rajeevan<sup>2</sup>  
*<sup>1</sup>Indian Institute of Tropical Meteorology, India, <sup>2</sup>India Meteorological Department, India*
- 11:30    **G2-252    Dynamical Seasonal Prediction of Typhoons with the New Coupled Model  
(JMA/MRI-CGCM)**  
Yuhei Takaya, Tamaki Yasuda, Hirotaka Kamahori, Tomoaki Ose  
*Japan Meteorological Agency, Japan*
- 11:50    **G2-261    Using Reanalyses for the Estimation and Minimization of Sampling Errors in the  
VOS-based Air-sea Fluxes**  
Sergey K. Gulev<sup>1</sup>, Thomas Jung<sup>2</sup>  
*<sup>1</sup>IORAS, Russia, <sup>2</sup>ECMWF, UK*
- 12:10    **G2-262    Ocean Reanalysis and its Application to Water Mass Analyses in the Pacific**  
Masafumi Kamachi, Satoshi Matsumoto, Toshiya Nakano, Yosuke Fujii, Tamaki Yasuda  
*Meteorological Research Institute, Japan*

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12:30 - 14:00    **Lunch**

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- 14:00    **V2-263    Status and Prospects of Ocean State Estimation**  
Detlef Stammer  
*Institut fuer Meereskunde, Center for Marine and Atmospheric Sciences Universität Hamburg,  
Germany*
- 14:30    **G2-264    Climate Variability from the New ECWMF Ocean Reanalysis ORA-S3**  
Magdalena A. Balmaseda, D. Anderson, Franco Molteni  
*ECMWF, UK*

- 14:50 **G2-265** **Interannual Variabilities of Eastern Subtropical Mode Waters in the North and the South Identified from Reanalysis Datasets Obtained by 4DVAR Data Assimilation**  
Takahiro Toyoda<sup>1</sup>, Syuhei Masuda<sup>1</sup>, Nozomi Sugiura<sup>1</sup>, Hiromichi Igarashi<sup>2</sup>, Yuji Sasaki,  
Yoichi Ishikawa<sup>3</sup>, Toshiyuki Awaji<sup>1,3</sup>  
<sup>1</sup>FRCGC, JAMSTEC, Japan, <sup>2</sup>JAMSTEC, Japan, <sup>3</sup>Kyoto University, Japan
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15:10 - 16:10 **Poster and coffee break**

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## Characteristics of reanalysis products

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- 16:10 **V2-271** **Global Hydrological Cycles Estimated by Reanalysis Products**  
Taikan Oki<sup>1</sup>, Kei Yoshimura<sup>1,2</sup>, Hyungjun Kim<sup>1</sup>, Yanjun Shen<sup>3</sup>, Ngo Duc Thanh<sup>1</sup>, Shinta Seto<sup>1</sup>,  
Shinjiro Kanae<sup>1</sup>  
<sup>1</sup>The University of Tokyo, Japan, <sup>2</sup>UCSD, USA, <sup>3</sup>The Chinese Academy of Sciences, China
- 16:40 **G2-272** **GEWEX Water and Energy Budget Studies**  
John Roads  
University of California San Diego, USA
- 17:00 **G2-311** **Evaluation of Variations in the late-80s Observing System and the Impacts on the GEOS-5 Data Assimilation System**  
Michael Bosilovich<sup>1</sup>, Junye Chen<sup>1,2</sup>, Siegfried D. Schubert<sup>1</sup>, Franklin R. Robertson<sup>3</sup>,  
Phil Pegion<sup>1,4</sup>, Hui-Chun Emily Liu<sup>1,4</sup>  
<sup>1</sup>GSFC/NASA, USA, <sup>2</sup>University of Maryland, USA, <sup>3</sup>Marshall Space Flight Center, USA, <sup>4</sup>SAIC, USA
- 17:20 **G2-312** **Multiple Regression Analysis of the JRA-25 Monthly Temperature**  
Junichi Tsutsui, Shinji Kadokura  
Central Research Institute of Electric Power Industry, Japan
- 17:40 **G2-342** **Intercomparison of horizontal wind speed components from NCEP/NCAR-Reanalysis and NCEP-DOE Reanalysis II**  
Jörg Winterfeldt<sup>1,2</sup>  
<sup>1</sup>Institute for Coastal Research, GKSS Research Center, Germany,  
<sup>2</sup>IMPRS-ESM, Max Planck Institute for Meteorology, Germany