

Conference Program

Monday, January 28

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

10:00 - 10:20 **Opening Session**
 Dr. Tetsu Hiraki (Director-General of JMA), Dr. Yoichi Miyanaga (Director of ESRL, CRIEPI),
 Dr. Taizo Yakushiji (CSRT, the Cabinet Office), Dr. Kevin Trenberth (Chairman of WOAP, WCRP)

Introduction of the reanalyses

- 10:30 **V1-101** **The JRA-25 Reanalysis** 1
 Kazutoshi Onogi
Japan Meteorological Agency, Japan
- 11:00 **V1-102** **Evolution of Reanalysis at ECMWF** 2
 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** 3
 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** 4
 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** 5
 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** 6
 David L. Williamson
National Center for Atmospheric Research, USA

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		Charles Jones ¹ , Adrian Matthews ² , Benjamin Pohl ³ ¹ <i>Institute for Computational Earth System Sciences, University of California Santa Barbara, USA,</i> ² <i>University of East Anglia, UK,</i> ³ <i>Centre de Recherches de Climatologie, Université de Bourgogne, France</i>	
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		Kevin E. Trenberth, Lesley Smith, John Fasullo <i>National Center for Atmospheric Research, USA</i>	
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		Tetsuo Nakazawa ¹ , Kavirajan Rajendran ² ¹ <i>Meteorological Research Institute, Japan,</i> ² <i>CSIR Centre for Mathematical Modeling & Computer Simulation, National Space Laboratories, India</i>	
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		Akihiko Shimpo <i>Japan Meteorological Agency, Japan</i>	
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		Hisashi Nakamura ^{1,2} ¹ <i>University of Tokyo, Japan,</i> ² <i>FRCGC/JAMSTEC, Japan</i>	
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		Yoshiki Fukutomi ¹ , Kooiti Masuda ¹ , Tetsuzo Yasunari ^{1,2} ¹ <i>FRCGC, JAMSTEC, Japan,</i> ² <i>HyARC, Nagoya University, Japan</i>	
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19:00 - 21:00	Reception		
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Tuesday, January 29

9:00	V2-231	Dynamical Downscaling of Global Reanalysis 15 Masao Kanamitsu ¹ , Hideki Kanamaru ¹ , Kei Yoshimura ¹ , Yifeng Cui ² , Henry Juang ³ , Wataru Ohfuchi ⁴ <i>¹Scripps Institution of Oceanography, USA, ²San Diego Supercomputer Center, USA, ³National Centers for Environmental Prediction, USA, ⁴Earth Simulator Center, JAMSTEC, Japan</i>	15
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		¹ <i>FRCGC, JAMSTEC, Japan</i> , ² <i>JAMSTEC, Japan</i> , ³ <i>Kyoto University, Japan</i>	

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Characteristics of reanalysis products

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		¹ <i>The University of Tokyo, Japan</i> , ² <i>UCSD, USA</i> , ³ <i>The Chinese Academy of Sciences, China</i>	
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		John Roads (*This paper will be preseted by Kooiti Masuda on behalf of the author.)	
		<i>University of California San Diego, USA</i>	
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		¹ <i>GSFC/NASA, USA</i> , ² <i>University of Maryland, USA</i> , ³ <i>Marshall Space Flight Center, USA</i> , ⁴ <i>SAIC, USA</i>	
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		<i>Central Research Institute of Electric Power Industry, Japan</i>	
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		Jörg Winterfeldt ^{1,2} , Ralf Weisse ¹	
		¹ <i>Institute for Coastal Research, GKSS Research Center, Germany</i> , ² <i>IMPRS-ESM, Max Planck Institute for Meteorology, Germany</i>	

Wednesday, January 30

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		Shaoqing Zhang, Anthony Rosati, Matthew Harrison, Rich Gudgel <i>UCAR / GFDL / NOAA, Princeton University, USA</i>	
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		Takemasa Miyoshi ¹ , Yoshiaki Sato ^{1,2} , T. Kadowaki ¹ , R. Sakai ¹ , M. Yamaguchi ¹ ¹ <i>Japan Meteorological Agency, Japan</i> , ² <i>NOAA, USA</i>	
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		Ibrahim Hoteit ¹ , Dinh-Tuan Pham ² , George Triantafyllou ³ , Gerasimo Korres ³ ¹ <i>University of California at San Diego, USA</i> , ² <i>Université de Grenoble, France</i> , ³ <i>Hellenic Center of Marine research, Greece</i>	
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		Dick Dee, Sakari Uppala, Shinya Kobayashi, Magnus Lindskog, Adrian Simmons <i>European Centre for Medium-Range Weather Forecasts, UK</i>	
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		Nick Rayner ¹ , the other members of the GCOS SST & SI Working Group ¹ <i>Met Office Hadley Centre, UK</i>	

Friday, February 1

Future reanalysis

9:00	V5-511	The 20th Century Reanalysis Project61 Gilbert P. Compo ^{1,2} , Jeffrey S. Whitaker ² , Prashant D. Sardeshmukh ^{1,2} <i>¹University of Colorado at Boulder, USA, ²NOAA, USA</i>
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9:50	G5-513	The New Reanalysis and Reforecasts of the NCEP Climate Forecast System (CFSRR)63 Suranjana Saha (*This paper will be presented by Robert Kistler on behalf of the authors.) <i>NWS/NOAA, USA</i>
10:10	G5-514	GCOS/WCRP Working Group on Observational Data Sets for Reanalysis64 Russell S. Vose <i>National Climatic Data Center, USA</i>

10:30 - 10:50 **Short coffee break**

10:50 - 12:40 **Panel Discussion**

Future Reanalysis and International Cooperation

Chair: Prof. Michael Manton

Panelist: Dr. Adrian Simmons
 Dr. Kevin Trenberth
 Prof. Tetsuzo Yasunari
 Prof. Detlef Stammer

12:40 - 12:50 **Adoption of Proposal**

12:50 - 13:00 **Closing**

Poster Presentations

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Japan Meteorological Agency, Japan
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Satoru Yokoi¹, Jun Matsumoto^{2,3}
¹Graduate School of Science, the University of Tokyo, Japan, ²Tokyo Metropolitan University, Japan, ³Japan Agency for Marine-Earth Science and Technology, Japan
- P2-10 Climatological Vertical Structure of Meridional Circulation over Asia and Africa in Boreal Summer72**
Masaru Chiba, Kiyotoshi Takahashi, Nobuo Yamazaki, Hiroataka Kamahori
Japan Meteorological Agency, Japan
- P2-11 The Analysis of Large Scale Atmospheric Circulation which Intensified the Baiu-front: a Case Study of "the extremely heavy rainfall in Japan, July 2006"73**
Yayoi Harada¹, Hiroaki Naoe²
¹Japan Meteorological Agency, Japan, ²Meteorological Research Institute
- P2-12 The Feature of Atmospheric Circulation in the Extremely Warm Winter 2006/200774**
Hiroshi Hasegawa, Yayoi Harada, Hiroshi Nakamigawa, Atsushi Goto
Japan Meteorological Agency, Japan

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Day 3 (Wednesday, January 30)

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