

Host-Paid Invited Talks

Presentations

GFDL scientists share their findings and results through active participation at national and international conferences. On the pages that follow is a table of host-paid invited talks presented by GFDL scientists all during fiscal year 2013.

Host-paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
10/14/2013	Balaji, Venkatramani	The GFDL Flexible Modeling System: Toward the million-core era	HPCS-SMP Climate Workshop	Berkeley, CA
9/27/2013	Dixon, Keith	Spanning time and spatial scales: modeling our planet's climate	Climate Change Science for Broadcast Meteorologists & Weathercasters	Tucson, AZ
9/24/2013	Balaji, Venkatramani	FRE: the FMS Runtime Environment	ISENES2 Configuration Management Workshop	Exeter, UK
9/21/2013	Zhang, Rong	AMOC and climate	Workshop on the Role of Oceans in Multi-decadal Climate Variability	Beijing, China
9/12/2013	Stock, Charles	Using IPCC-class models to assess the impact of climate on living marine resources	University of Washington Program on Climate Change Summer Institute	Friday Harbor, WA
9/11/2013	Stock, Charles	Global plankton production in a changing climate: how much do we know and is it enough to make fisheries projections	University of Washington Program on Climate Change Summer Institute	Friday Harbor, WA
8/27/2013	Donner, Leo	Next-generation satellite observations for advancing atmospheric physics in climate models	Jet Propulsion Laboratory	Pasadena, CA
8/16/2013	Balaji, Venkatramani	The GFDL Flexible Modeling System: Toward the million-core era	Indian Institute for Tropical Meteorology	Pune, India
8/16/2013	John, Jasmin	Climate, carbon and ecosystem interactions	Indian Institute of Tropical Meteorology	Pune, India
8/5/13 – 8/14/13	John, Jasmin	Introduction to TOPAZ	Summer School on Fundamentals of Ocean Climate Modeling at Global and Regional Scales	Hyderabad, India
8/5/13 – 8/14/13	Griffies, Stephen	Ocean modeling for the analyst	Earth System Sciences Organization – Indian National Centre for Ocean Information Services	Hyderabad, India
8/4/13 – 8/9/13	Stouffer, Ron	Issues for CMIP6	Next generation climate change experiments needed to advance knowledge and for CMIP6	Aspen, CO

Host-paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
8/4/13 – 8/6/13	Dixon, Keith	What climate scientists can tell us about climate that will affect agriculture	Agricultural & Applied Economics Assoc. Annual Meeting	Washington, DC
8/6/2013	Bewtra, Ron	Network architecture in the virtual age	Office of the Chief Information Officer Meeting	Silver Spring, MD
7/30/2013	Stock, Charles	Toward an understanding of global fish distribution and productivity	Presentation to Fisheries Subcommittee, Ocean Studies Board, National Academy of Sciences	Sandy Hook, NJ
7/29/2013	Stouffer, Ron	Lessons learned from CMIPS	Climate Change Impacts & Integrated Assessment Workshop	Aspen, CO
7/16/13 – 7/19-13	Msadek, Rym (UCAR)	The role of the AMOC as a source of predictive skill on decadal time scales in the GFDL coupled model	US AMOC/UK RAPID International Science Meeting	Baltimore, MD
7/15/13 – 7/17/13	Milly, P.C.D. (USGS)	How GRACE has informed and constrained development of the global land model LM3	Using GRACE (Gravity Recovery and Climate Experiment) Data for Water Cycle Analysis and Climate Modeling	Pasadena, CA
7/3/2013	Legg, Sonya	Dense overflows in ocean general circulation models	Geophysical Fluid Dynamics summer school, Woods Hole Oceanographic Institution	Woods Hole, MA
6/25/2013	Dixon, Keith	Weird(er) weather & a changing climate: piecing together the puzzle	Broadcast Meteorologists	Nashville, TN
6/25/2013	John, Jasmin	Beyond CMIP5: ongoing Earth system efforts at GFDL	EMBRACE 2 nd General Assembly, UKMO	Exeter, UK
6/13/13 - 6/14/13	Ginoux, Paul	Global dust source inventory retrieved from Moderate-Resolution Imaging Spectroradiometer deep blue aerosol data	The International Union for Quaternary Science North African dust sources workshop	Loughborough, United Kingdom
6/4/13 – 6/7/13	Hallberg, Robert	Adding coupling between oceans and ice-sheet dynamics to coupled climate models	US CLIVAR International Workshop on Ice Sheet/Ocean/Atmospheric Interactions in Greenland	Beverly, MA

Host-paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
6/4/2013	Legg, Sonya	Internal wave breaking at finite amplitude topography	Ocean Turbulence Workshop, 33 rd Center for Nonlinear Science Annual Conference	Santa Fe, NM
5/16/2013	Dixon, Keith	Highways in the coastal environment - assessing extreme events	Federal Highway Administration Meeting	New York City, NY
5/13/13 – 5/16/13	Msadek, Rym (UCAR)	Skillful predictions of Atlantic multi-year to decadal variability in the GFDL forecast system	International Workshop on Seasonal to Decadal Prediction Meeting	Toulouse, France
5/1/2013	Ramaswamy, V.	Aerosol forcing, and global and regional climate change	International Workshop on Changing Chemistry in Changing Climate: Monsoon (C4)	Pune, India
4/25/2013	Vecchi, Gabriel	Hurricane modeling	Seminar at Earth and Planetary Sciences Department, Harvard University	Harvard University
4/18/2013	Knutson, Tom	Anthropogenic climate change: detection/attribution and tropical cyclone behavior	LASG (State Key Laboratory of Numerical Modeling for the Atmosphere and Geophysical Fluid Dynamics)	Beijing, China
4/16/2013	Ming, Yi	A road map toward understanding regional climate change	Stanford University	Palo Alto, CA
4/15/2013	Knutson, Tom	Multi-model assessment of regional surface temperature trends: CMIP3 vs. CMIP5 20th century simulations	International Commission on Climate 2013 Expert Assessment Workshop on Decadal Climate Variability and Cross-Scale Interactions	Beijing, China
4/11/2013	Toggweiler, J.R.	Visualizing the ocean's overturning circulation with surface 14c measurements	Department of Earth and Environmental Sciences	University of Michigan, Ann Arbor MI
3/25/2013	Knutson, Tom	Atlantic hurricanes and climate change: dynamical downscaling projections and analysis of historical data	SUNY Albany	Albany, NY

Host-paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
3/21/2013	John, Jasmin	GFDL's Earth system models: results and future development	Climate 2013 Workshop	Berkeley, CA
3/20/2013	Delworth, Thomas	High-resolution coupled climate modeling at GFDL	Workshop on Climate Modeling and Next Generation of Models and Supercomputers	Berkeley, CA
3/20/2013	Dunne, John	Ocean heat and carbon uptake sensitivity to baseline ocean circulation, circulation change, and biogeochemical feedbacks	Duke University	Durham, NC
3/19/2013	Vecchi, Gabriel	Projections of hurricane activity	University of Toronto	Toronto, Canada
3/4/2013	Dunne, John	Ocean biogeochemical and ecological responses to climate change and acidification in GFDL's earth system models	Marine Ecosystem Model Intercomparison Project/ EUR-OCEANS/ Integrated Marine Biogeochemistry and Ecosystem Research/ GREENCYCLES II Workshop	Paris, France
2/23/2013	Balaji, Venkatramani	Climate Computing: Computational, data, and scientific scalability	ParCompTech	Bengaluru, India
2/21/2013	Balaji, Venkatramani	The GFDL Flexible Modeling System: Toward the million-core era	Advanced Dycore Workshop National Atmospheric Research Lab	Gadanki, India
2/17/2013	Ginoux, Paul	Recording and modeling of dust dynamics and its effects on climate: anthropogenism, terra firma and hydrological cycle intertwined	Meeting with King Abdullah University of Science and Technology and Sultan Qaboos University	Thuwal, Saudi Arabia Muscat, Oman
2/13/2013	Donner, Leo	Changing perspectives on cumulus parameterization	National Center for Atmospheric Research	Boulder, CO
1/28/2013	Donner, Leo	Challenges for modeling convection and convective systems across scales	United Kingdom Met Office Workshop: Understanding and Representing Atmospheric Convection Across Scales	Totnes, Devon, United Kingdom

Host-paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
1/22/2013	Griffies, Stephen	The community vertical mixing project	Community Earth System Model Ocean Working Group Meeting & Climate Process Team Meeting	Boulder, CO
12/3/12 – 12/7/12	Mao, Jingqiu (CICS)	Radical loss in the atmosphere from Cu-Fe redox coupling in aerosols	AGU Fall Meeting	San Francisco, CA
11/16/2012	Wittenberg, Andrew	Whither ENSO? Assessing El Niño risks for the coming decades	U. Penn	Philadelphia, PA
11/12/2012	Zhang, Shaoqing	Ensemble parameter estimate in coupled models	The International Conference on Ensemble Methods in Geophysical Sciences	Toulouse, France
11/11/2012	Bewtra, Ron	"How the government can enable HPC and emerging technologies" and "Big data and data integrity panel"	SC12	Salt Lake City, UT
11/6/2012	Marchok, Tim	Review of verification team	Annual Hurricane Forecast Improvement Project Meeting	Miami, FL
10/29/2012	Hallberg, Robert	Discussion of resolution-dependent process parameterizations for ocean models	Isaac Newton Institute Programme on Multiscale Numerics for the Atmosphere and Ocean	Cambridge, United Kingdom
10/23/2012	Legg, Sonya	Understanding and modeling overflows	Arctic Ocean Model Intercomparison Project school for young scientists, Woods Hole Oceanographic Institution	Woods Hole, MA
10/22/2012	Stock, Charles	Global-scale carbon and energy flows through the planktonics food web: an analysis with a coupled physical -biological model	National Institute of Mathematical and Biological Synthesis (NIMBioS) Work Group Meeting	Knoxville, TN
10/5/12 – 10/6/12	Dixon, Keith	From 'best available' science to 'actionable' science: using climate model results	Climate Chance Science for Minnesota Broadcast Meteorologists workshop	St. Paul, MN
10/2/2012	Knutson, Tom	Hurricanes and climate change	Berkeley Atmospheric Science Center	Berkeley, CA

