

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 during fiscal years 2014-2018.

Host-Paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
9/23/2018 - 9/28/2018	Tom Knutson	Tropical Cyclones and Climate Change: Future Projections, and Detection and Attribution of Past Changes	International Association of Oil & Gas Producers "Our Future Climate: Understanding the Spread of Physical Risk for the Oil and Gas Industry" Meeting	Sunbury, United Kingdom
8/20/2018 - 8/23/2018	Tom Knutson	Precipitations and Climate Change: Increases in Future Floating Risk?	Tokio Marine Re: Tomorrow Summit	Palo Alto, CA
8/12/2018-8/15/2018	Vaishali Naik	Model Evaluation	Lecture at NCAR ACOM Workshop on Fundamentals of Atmospheric Chemistry and Aerosol Modeling	Boulder, CO
7/1/2018 - 7/6/2018	V. Ramaswamy	Modeling and Understanding the Role of Oceans and Weather in Climate	Global Ocean Summit 2018	Qingdao, China
6/3/2018 - 6/8/2018	Stephen Griffies	Transport by Coherent Eddies	Gordon Research Conference on Ocean Mixing	Andover, NH
6/3/2018 -6/8/2018	Robert Hallberg	Sensitivity of Climate Change to Ocean Mixing, and Paradigms for Incorporating Physically Consistent Mixing Into Climate Models	Gordon Research Conference on Ocean Mixing	Andover, NH
6/2/2018 - 6/6/2018	Isaac Held	The Thermodynamic Component of the Hydrological Response to Warming	MIT Lorenz Center Workshop on "Water and Climate Change: The Paleoclimate Record to Future Changes"	Cambridge, MA
5/24/2018	V. Ramaswamy	The Climate Change-Atmospheric Processes Linkage: What is the State of our Understanding?	National Academy of Engineering "Global Change" Topical Meeting	Cleveland, OH
5/18/2018	V. Balaji	Infrastructure Requirements for Future Earth System Models	Atmosphere, Oceans, and Computational Infrastructure, Future of Earth System Modeling Workshop	Pasadena, VA

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5/17/2018	Sonya Legg	Including Small-Scale Processes and Their Interactions in Ocean Climate Models	Future of Earth System Modeling Workshop	Pasadena, CA
4/29/2018 – 05/14/2018	Stephen Griffies	Understanding and Projecting Global, Regional, and Coastal Sea Level: Reasons to Include Coastal Ocean Processes in Global Models	Invited collaboration at University of New South Wales & Australian National University	Sydney, Australia & Canberra, Australia
4/26/2018	V. Balaji	Modeling Systems at the end of Dennard Scaling	International Research Institute for Climate and Society, Earth Institute	Palisades, NY
4/24/2018 – 04/24/2018	Kirsten Findell	Land-atmosphere Interactions, Anthropogenic Land Cover Change, and Future Aridity From Local to Continental Scales	Seminar at Harvard University	Cambridge, MA
4/23/2018 - 4/27/2018	Charlie Stock	Predicting and Adapting to Biome-Scale Marine Resources Changes in the North Pacific	PICES International Symposium "Understanding Changes in Transitional Areas of the Pacific"	La Paz, Mexico
4/3/2018 - 4/4/2018	Sarah Kapnick	Seasonal Snowpack Prediction	AMS Workshop "Translating Advances in Forecasting to Inform Water Resources Management"	Washington, DC
3/26/2018 - 3/28/2018	Isaac Held	A Hierarchy of Models of the Climatology of Tropical Cyclones	Seminar at Texas A & M Atmospheric Science Department	College Station, TX
3/23/2018	Charlie Stock	Reconciling Fisheries Catch and Ocean Productivity in Changing Climate	Lamont-Doherty Earth Observation Colloquium Series	Palisades, NY
3/15/2018	V. Ramaswamy	NOAA/GFDL's Latest Generation of Global Models	UK Met Office, Hadley Center	Exeter, United Kingdom

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Dates	Speaker	Title of Presentation	Meeting	Place (city)
3/5/2018 - 3/9/2018	Stephen Griffies	Future Coastal Dynamic Sea Level in Response to GHG Emissions: Do high Resolution Climate Models Show a Different Response From Open-Ocean Sea Level Response	International Space Science Institute Sea Level Conference	Bern, Switzerland
2/19/2018	Sonya Legg	Internal Tides at Rough Topography: Impact of Coriolis and Topographic Steepness on Energy Transfer to Near-Inertial Waves and Dissipation	Modelling Imbalance in the Atmosphere and Ocean workshop	Banff, Canada
2/8/2018	Sonya Legg	Introduction to Ocean Convection	Convection in Nature workshop, Princeton Center for Theoretical Science	Princeton, NJ
2/7/2018	Sonya Legg	Internal Tide-driven Mixing: Processes, Parameterizations and Impacts	GEOMAR Helmholtz Center for Ocean Research	Kiel, Germany
1/16/2018 - 1/17/2018	Tom Knutson	Hurricanes Harvey, Irma and Maria: Did Climate Change Play A Role?	Willis Re Florida Summit	Orlando, FL
12/4/2017 - 12/5/2017	Robert Hallberg	Next Generation Earth System Prediction: Strategies for Subseasonal to Seasonal Forecasts	National Research Council Committee to advise US Global Change Research Program on security related needs for S2S forecasting	Washington, DC
12/4/2017 - 12/5/2017	Zhi Liang	FMS: A Software Framework for Earth System Models	Workshop on FV3 Dynamic Core and the Application in Weather and Climate	Taipei, Taiwan
11/7/2017 - 11/11/2017	Shian-Jiann Lin	Folklores, Dogma, And Challenges in Weather and Climate Modeling	Future of Earth Systems Models Workshop at California Institute of Technology	Pasadena, CA
11/6/2017	V. Balaji	Modeling Systems at the end of Dennard Scaling	Workshop on the Future of Earth System Modeling	Pasadena, CA
11/3/2017 - 11/13/2017	V. Ramaswamy	Understanding of Weather and Climate From Global to Regional Scales	Jeremy Grantham Lecture on Climate Change	Bangalore, India

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10/25/2017 - 10/31/2017	Charlie Stock	How Can Climate Predictions Help Sustain Marine Resources in a Changing Climate?	Charles Darwin Foundation International Workshop "Climate Change Priorities for the Galapagos Marine Reserve"	Galapagos, Ecuador
10/31/2017	Robert Hallberg	Innovations to MOM6 to Address Outstanding Questions Regarding Sea Level Rise	ACR Center of Excellence for Climate Extremes (CLEX) Workshop	Canberra, Australia
10/24/2017	Sonya Legg	Internal Tide-Driven Mixing: Processes, Parameterizations and Impacts	NASA Goddard Space Flight Center	Greenbelt, MD
10/20/2017	Robert Hallberg	An Introduction to MOM6 Ocean Model	Commonwealth Scientific and Industrial Research Organization (CSIRO)	Hobart, Australia
10/18/2017	Robert Hallberg	Developing Parameterizations of Mesoscale Eddy Effects and Boundary Layer Mixing in Use in Global Ocean models	University of New South Wales, Sydney	Sydney, Australia
10/16/2017 - 10/16/2017	Robert Hallberg	The Physics of the Ocean Boundary Layer and Its Energetically Consistent Representation in Climate Models	The Australian National University, Canberra	Canberra, Australia
10/15/2017 - 10/21/2017	Andrew Wittenberg	Time Scale Interactions of ENSO	ENSO Complexity Workshop, CLIVAR ENSO RF Meeting & CLIVAR Pacific Panel Meeting	Busan, South Korea
9/25/2017 - 9/27/2017	V. Ramaswamy	Modeling of the Earth System with Applications to Weather and Climate	Inaugural Lecture at University of Toronto Centre for Global Change Sciences Distinguished Visiting Speakers Program	Toronto, Canada
9/24/2017 - 9/29/2017	John Dunne	Earth System Modeling At GFDL	CRESCENDO General Assembly	Paris, France
9/21/2017 - 9/23/2017	Tom Knutson	Aspects of Anthropogenic Climate Change in the Tropics	World Meteorological Group on Tropical Meteorology 10th Annual Committee Meeting and Workshop on Tropical Meteorology	Hong Kong, China

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9/11/2017 - 9/13/2017	Thomas Delworth	The NAV Atlantic Decadal Variability	Workshop and Seminar at University of Edinburgh	Edinburgh, Scotland
6/27/2017 - 6/30/2017	Yi Ming	Influence of Aerosol Absorption on Weather	GEWEX Aerosol Precipitation Workshop	Oxford, UK
6/11/2017 - 6/16/2017	Charlie Stock	Connecting Coastal Ocean Predictions and Fisheries Management Decisions	Gordon Conference on Coastal Dynamics	Biddeford, ME
5/16/2017 - 5/18/2017	Yi Ming	Recent Model Development at GFDL	NASA CERES Science Team Meeting	Hampton, VA
5/15/2017 - 5/16/2017	V. Ramaswamy	Climate Modeling: NOAA Updates	NOAA-Japan Agency for Marine Earth Science and Technology Bilateral Joint Executive Meeting	Honolulu, HI
		Importance of Ocean Observations for Modeling and Predictions		
5/10/2017 - 5/14/2017	Jasmin John	Using High-Resolution Earth System Models and Observations to Reconcile Ocean Productivity and Fisheries Catch in a Changing Climate	Princeton Institute for Computational Science and Engineering Symposium "Gearing Up for Exascale-Challenges and Opportunities	Princeton, NJ
5/9/2017 - 5/12/2017	Charlie Stock	Reconciling Ocean Productivity and Fisheries Yields in a Changing Climate	31st Lowell Wakefield Fisheries Symposium	Anchorage, AK
4/19/2017	Isaac Held	Theories for the Poleward Heat Flux in the Atmosphere: History and Current Status	Cess Distinguished Lecturer at Stony Brook University	Stony Brook, NY
4/13/2017 - 4/14/2017	V. Ramaswamy	Aerosols and Climate	India Institute of Technology	Delhi, India
		Weather - Climate Predictions		
4/12/2017	V. Ramaswamy	Aerosol Modulation of Global and Regional Climate	Amity University and India Habitat Center	Delhi, India
4/12/2017	Sarah Kapnick	Building a U.S. Seasonal Snowpack Prediction System	Caltech	Pasadena, CA

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4/7/2017 - 4/8/2017	V. Ramaswamy	Environmental Changes and Predictions for Societal Sustainability	2017 Institute of Electrical & Electronics Engineers International Conference on Technological Innovations in ICT for Agricultural & Rural Development	Chennai, India
2/25/2017 - 3/2/2017	Leo Donner	Strategies for Cumulus Parameterization for CAM	CESM Atmosphere Model Working Group Meeting	Boulder, CO
2/7/2017 - 2/8/2017	Keith Dixon	Modeling Our Planet's Climate: Spanning Time and Spatial Scales for Research and Applications	University of Connecticut Avery Point	Groton, CT
1/16/2017 - 1/20/2017	Stephen Griffies	The Ocean Mesoscale: Observations, Theory, and Modeling	Transport in Unsteady Flows: From Deterministic Structures to Stochastic Models and Back Again Workshop	Banff, Canada
12/9/2016	Vaishali Naik	Methane in Chemistry-Climate Models	University of Iowa	Iowa City, IA
12/5/2016 - 12/7/2016	Thomas Delworth	Mechanisms & Impacts of North Atlantic Decadal Variability and Change	University of Reading	Reading, United Kingdom
11/29/2016	Isaac Held	Understanding Climate Change: A Climate Scientist's Perspective	Panel Discussion on Understanding Climate Change at Columbia University	New York, NY
11/14/2016	Gabriel Vecchi	Event Attribution: Towards Understanding and Predicting the Risk of Extreme Events	Bermuda Institute of Ocean Sciences and AIR-Worldwide In House meeting	Boston, MA
11/13/2016 - 11/19/2016	John Krasting	Advances in GFDL's Analysis and Model Evaluation Capabilities in Support of CM4 and CMIP6	DLR (German Aerospace Center)	Munich, Germany
11/13/2016 - 11/19/2016	John Krasting	The Use of Python in Model Development, Workflows and the ESMValTool at GFDL	2nd Technical ESMValTool Workshop	Munich, Germany
11/4/2016	Vaishali Naik	Uncertainties in the Global Methane Budget	Duke University	Durham, NC
10/24/2016 - 10/28/2016	Yi Ming	Recent Development of Atmospheric Physics at GFDL	Climate Modeling Workshop at Academia Sinica	Taipei, Taiwan

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10/7/2016	Charlie Stock	Reconciling Ocean Productivity and Fisheries Catch in a Changing Climate	Harvard University's Atmospheric and Environmental Chemical Seminar Series "Reconciling Ocean Productivity and Fisheries Catch"	Cambridge, MA
10/5/2016 - 10/6/2016	Isaac Held	The Hydrological Cycle and Global Warming Tropical Cyclones and Global Climate Models	University of Michigan	Ann Arbor, MI
10/4/2016 - 10/6/2016	Keith Dixon	Climate Model Projections: Over-the-counter and By-prescription Research Products Used in Planning Applications	National Forum on Climate & Pests	Washington, DC
9/26/2016 - 9/28/2016	V. Ramaswamy	Regional Climate Projection Under Global Warming in the 21st Century	2nd Global Ocean Summit	Qingdao, China
8/15/2016 - 8/15/2016	Shaoqing Zhang	Coupled Model Data Assimilation & Climate Predictability Studies	Challenges & Opportunities of Coupled Model Data Assimilation: Climate Analysis & Predictability Studies	Kongju, South Korea
7/31/2016 - 8/5/2016	Shaoqing Zhang	Impact of Having Realistic TC Frequency on Oceanic Heat Content & Transport Forecasts	Asia Oceania Geosciences Society 13th Annual Meeting	Beijing, China
7/25/2016 - 7/29/2016	Shaoqing Zhang	Coupled Model Data Assimilation for Climate Analysis & Predictability Studies	South China Sea Institute of Oceanology-Chinese Academy of Sciences	Guangzhou, China
7/24/2016 - 7/29/2016	Jasmin John	Marine Ecosystem Thresholds and Regime Shifts	Ocean Carbon and Biogeochemistry Summer Workshop	Woods Hole, MA
7/21/2016 - 7/29/2016	Stephen Griffies	Ocean Physics and Modelling	Lecturer at Advanced Earth System Modelling School	Pune, India
7/17/2016 - 7/22/2016	Charlie Stock	Reconciling Ocean Productivity and Fisheries Yield in a Changing Climate	Gordon Conference on Ocean Global Change Biology	Waterville Valley, NH
7/4/2016 - 7/8/2016	Tom Knutson	Tropical Cyclones and Climate Change	Symposium on Extreme Events in the Earth and Planetary Sciences	Coventry, England

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6/13/2016 - 6/17/2016	Lucas Harris	FV3: The GFDL Finite-Volume Cubed-sphere Dynamical Core	Dynamical Core Model Intercomparison Project Workshop	Boulder, CO
6/13/2016 - 6/17/2016	Isaac Held	Some Questions Regarding Sub-Grid Closures in Atmosphere and Ocean Models	Dynamical Core Model Intercomparison Project Workshop	Boulder, CO
		A Hierarchy of Models for Studying the Climatology of Tropical Cyclones		
6/13/2016 - 6/17/2016	Rong Zhang	Impact of Atlantic Heat Transport on Arctic Sea Ice	EPOCASA/GREENICE Workshop on Predictability of Climate in the North Atlantic Sector	Bergen, Norway
6/12/2016 - 6/22/2016	Robert Hallberg	Advancing Climate Modeling to Project Sea-level Rise	University of Stockholm Department of Meteorology	Stockholm, Sweden
		The Physics of the Ocean Boundary Layer and its Representation in Climate Models		
6/7/2016 - 6/8/2016	Larry Horowitz	Impact of Ozone Changes on Climate in GFDL-CM3 Chemistry-Climate Model	Ozone and Climate Workshop at Massachusetts Institute of Technology	Cambridge, MA
6/6/2016 - 6/10/2016	Jasmin John	A More Productive, But Different, Ocean After Mitigation	2016 Metcalf Institute Annual Public Lecture Series	Narragansett, RI
5/28/2016	Stephen Griffies	Developments with MOM6 at GFDL	COSIMA Workshop	Hobart, Australia
5/24/2016	Stephen Griffies	Elements of Sea Level in a Changing Climate	Australia National University Seminar	Canberra, Australia
5/23/2016 - 5/25/2016	Lori Sentman	Earth System Implications of a Central American Seaway	2016 Paleo-AMOC Workshop	Boulder, CO
5/19/2016	Stephen Griffies	Elements of Sea Level in a Changing Climate	University of New South Wales Seminar	Sydney, Australia
5/17/2016 - 5/18/2016	V. Ramaswamy	Climate Modeling: Interlinking Complexity and Resolution to Address Contemporary Challenges	Modeling Science, Technology and Innovation Conference	Washington, DC

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5/9/2016 - 5/11/2016	John Dunne	Comparison of Climate and Biogeochemistry at 100 and 10km Resolution Models	Annual Southern Ocean Carbon and Climate Observations and Modeling Science Meeting	La Jolla, CA
5/9/2016	Isaac Held	Some Problems in Quasi-Geostrophic Theory	Seminar at Massachusetts Institute of Technology	Cambridge, MA
4/13/2016 - 4/15/2016	Elena Shevliakova	GFDL Climate Models, State of the Art and Applications for Carbon Mitigation Initiative	15th Annual Meeting of the Carbon Mitigation Initiative	London, United Kingdom
4/11/2016	Gabriel Vecchi	Past & Future Hurricane Activity	Seminar at University of Wisconsin	Madison, WI
4/11/2016	Thomas Delworth	The Central Role of Ocean Dynamics in Connecting the North Atlantic Oscillation to the Atlantic Multidecadal Oscillation	Seminar at SUNY Albany	Albany, NY
3/30/2016 - 4/1/2016	Isaac Held	Tropical Cyclones and Global Climate Models Entering a Golden Age of Research	University of Maryland Fifth Rasmusson Lecture	College Park, MD
3/28/2016	V. Ramaswamy	Climate Change in the 20th and 21st Centuries	SUNY Albany	Albany, NY
3/14/2016	John Dunne	Life In Silico-How Are We Doing at Modeling Changing Ocean Ecosystems?	Sarmiento Symposium at Princeton University	Princeton, NJ
3/8/2016 - 3/9/2016	Leo Donner	Atmospheric Vertical Velocities-A Key to Scale Interactions, Climate Forcing and Climate Sensitivity?	Seminar at Stony Brook University	Stony Brook, NY
3/2/2016 - 3/3/2016	Gabriel Vecchi	Impact of Climate Variability and Change on Hurricane Implications for Predictions	Hamilton Insurance Group Board of Directors Meeting	Pembroke, Bermuda
2/29/2016	V. Ramaswamy	Environment, Quality, Climate Change and Society in the 21st Century	ESSIC, University of Maryland	College Park, MD
2/18/2016 - 2/20/2016	Stephen Griffies	Sea Level in a Changing Climate	Louisiana State University at Baton Rouge Lecture	New Orleans, LA

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2/16/2016	Gabriel Vecchi	Updates on Short Term Hurricane Forecasting	Reinsurance Association of America Catastrophic Modelling Conference "Cat Risk Management 2016: Pragmatic Decisions-Imprecise Data Points"	Orlando, FL
2/3/2016 - 2/4/2016	Gabriel Vecchi	Hurricane & Flood Prediction	Willis Public Entity Property Symposium	Charleston, SC
12/2/2015	Robert Hallberg	The Physics of the Ocean Boundary Layer and its Representation in Climate Models	Stony Brook University	Stony Brook, NY
11/20/2015 - 11/21/2015	Tom Knutson	New Jersey's Shore Future: Coping with Climate Change and Storm Risk	The Shore's Future: Living with Storm & Sea Level Rise Conference	Toms River, NJ
11/16/2015 - 11/19/2015	Rong Zhang	Impact of Low Frequency Variability of The Atlantic on Arctic Sea Ice Extent	CLIVAR-ICTP Workshop on Past and Future Climate Shifts: Decadal Climate Variability and Predictability	Trieste, Italy
11/16/2015 - 11/19/2015	Thomas Delworth	Review of Mechanism of Atlantic and Pacific Decadal Variability and Their Climate Relevance	CLIVAR-ICTP Workshop on Past and Future Climate Shifts: Decadal Climate Variability and Predictability	Trieste, Italy
11/16/2015	Tom Knutson	Tropical Cyclones and Climate Change: Past Data and Future Projections From Models	Indiana University- Bloomington	Bloomington, IN
11/12/2015 - 11/14/2015	Michael Winton	Estimating and Using the Transient Climate Response	McGill University	Montreal, Canada
10/26/2015 - 10/28/2015	Elena Shevliakova	Land Use Change and the Carbon Cycle	Land Use Change and the Carbon Cycle Workshop	Zurich, Switzerland
10/21/2015 - 10/22/2015	Tom Knutson	Attribution of Extreme Events-Hurricanes	Extreme Weather Events and Climate Attribution-Workshop	Washington, DC
10/20/2015 - 10/23/2015	V. Ramaswamy	Challenge in the Climate- Marine Ecosystem. Linkage: Prospects Through Numerical High-resolutions Modeling	Qingdao Center of Marine Science and Technology- Speech and Discuss CIMST and GFDL Collaborations	Qingdao, China
10/20/2015 - 10/21/2015	Stephen Griffies	Ocean Heat Transport in a Hierarchy of Climate Models	Seminar at Stony Brook University	Stony Brook, NY

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10/19/2015 - 10/23/2015	Jasmin John	A More Productive, But Different Ocean After Mitigation	EMBRACE Final General Assembly and WCRP "Workshop on CMIP5 Model Analysis and Scientific Plans for CMIP6"	Dubrovnik, Croatia
10/15/2015 - 10/17/2015	Shian-Jiann Lin	GFDL's Global Non-Hydrostatic Finite-Volume Dynamical Core for Unified Weather-Climate Modeling	2nd International Symposium on Climate & Earth System Modeling	Nanjing, China
10/14/2015 - 10/20/2015	Paul Ginoux	The Origin of Present Day Dust Deposits in the Sinai-Negev Using GFDL AM3 Model	The Batsheva de Rothschild Seminar on Atmospheric Dust, Dust Deposits (Loess) and Soils in Deserts and the Desert Fringe: The Sahara-Sinai-Negev as an Analogue for Global Arid Regions	Jerusalem, Israel
10/7/2015 - 10/10/2015	Tom Knutson	An Update in the Global Warming Hiatus	10th Annual Tokio Millennium Re Global Warming and Climate Change Summit	Playa del Carmen, Mexico
10/7/2015 - 10/10/2015	Gabriel Vecchi	Hurricanes Past, Present and Future	10th annual Tokio Millennium Re Global Warming and Climate Change Summit	Playa del Carmen, Mexico
9/26/2015 – 9/28/2015	Elena Shevliakova	Land Use Change and Carbon Cycle	Land Modeling Workshop	Zurich, Switzerland
9/22/2015 - 9/24/2015	Stephen Griffies	Langrangian Diagnostic Modelling Needs for Large-Scale Models	Langrangian Modelling Workshop at Imperial College	London, UK
7/19/2015 - 7/23/2015	Jasmin John	A More Productive, but Different Ocean, After Mitigation	Ocean Carbon and Biogeochemistry Workshop	Woods Hole, MA
7/19/2015 - 7/23/2015	John Dunne	Prototyping Earth System Models at High Resolution	Ocean Carbon and Biogeochemistry Workshop	Woods Hole, MA
7/5/2015 – 7/8/2015	Shaoqing Zhang	Data Assimilation Theory and Algorithms	14th Chinese Academy of Sciences-The World Academy of Sciences World Meteorological Organization Summer School	Beijing, China
7/1/2015-7/3/2015		Climate Estimation and Prediction by Coupled Data Assimilation: Opportunities and Challenges		

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7/1/2015 - 7/3/2015	Leo Donner	Convection Updrafts and Cloud Parameterization: New Clues to Climate Forcing and Sensitivity	Tsinghua University	Beijing, China
6/27/2015 - 7/3/2015	Kirsten Findell	Metrics of Land-Atmosphere Interactions and Coupling Strength	Alpine Summer School	Valsaverenche, Italy
6/24/2015 - 6/26/2015	John Wilson	Thermal Tides in the Martian Atmosphere: New Insights from Mars Climate Sounder, Mars Science Lander and MGCM Modeling	Seminar at Atmosphere, Oceanic and Planetary Physics Dept., Oxford University	Oxford, England
6/22/2015 - 6/25/2015	V. Ramaswamy	Aerosols and Clouds in Global Climate Models, with IPCC Perspectives	Sackler Colloquium	Irvine, CA
6/16/2015 - 7/7/2015	Rong Zhang	Mechanisms for Low Frequency Variability of Summer Arctic Sea Ice Extent	Center for Earth System Science, Tsinghua University	Beijing, China
6/13/2015 - 6/18/2015	Gabriel Vecchi	Hurricanes and Climate	International Symposium on Tropical Ocean and Climate	Qingdao, China
5/27/2015	Keith Dixon	Glimpses From Inside The World of Climate Modeling	National Oceanic and Atmospheric Administration 2015 Hollings Scholar Event	Silver Spring, MD
4/23/2015 - 4/24/2015	V. Ramaswamy	Anthropogenic Species and Climate: Diagnosing the Past and Modeling of the 21st Century Climate Change	Symposium on Predictability in the Midst of Chaos	Rockville, MD
4/22/2015	Isaac Held	Panel Discussion on Scientific and Institutional Challenges in Climate Research	Shukla Symposium on Predictability in the Midst of Chaos	Rockville, MD
4/21/2015 - 4/22/2015	Stephen Griffies	Ocean Heat Transport in Hierarchy of Climate Models	Stony Brook University	Stony Brook, NY
4/15/2015	V. Ramaswamy	How Are Aerosols Shaping Climate Change?	Annual Ogura Lecture at University of Illinois	Champaign, IL
4/11/2015 - 5/16/2015	Paul Ginoux	Contribution of Climate and Land use Changes to Dust Decadal Variability	Guest Professorship at University Paris Diderot	Paris, France

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4/9/2015 - 4/11/2015	Rong Zhang	Mechanisms for Low Frequency Variability of Summer Arctic Sea Ice Extent	Seminar at Duke University's Division of Earth And Ocean Sciences	Durham, NC
3/29/2015 - 4/3/2015	V. Ramaswamy	Understanding the Earth's Climate System	Annual Lecture Series at King Abdullah University of Science Technology	Jeddah, Saudi Arabia
3/1/2015 - 3/3/2015	Gabriel Vecchi	Seasonal Predictions of Regional Tropical Cyclone Activity	Yale Climate and Energy Initiative	New Haven, CT
2/28/2015 - 3/5/2015	John Krasting	Integrating External Analysis Packages in NOAA's Modeling Workflow: Issues and Challenges	Technical Earth System Model Validation (ESMVal) Tool Workshop	Munich, Germany
2/19/2015 - 2/22/2015	Keith Dixon	From Global Climate Projections to Regional Planning: Matching What Science Can Supply with Decision Maker Demands	Living With Less Water Conference sponsored by the Institute for Science and Global Policy	Tucson, AZ
2/18/2015	Sarah Kapnick	The Great Divide: Why the Karakoram and Himalayan Mountains Show Different Hydroclimate Signals	Stony Brook University	Stony Brook, NY
2/4/2015 - 2/5/2015	Thomas Delworth	A Link Between the Hiatus in Global Warming and North American Drought	Seminar at Yale University	New Haven, CT
1/25/2015 - 1/30/2015	Stephen Griffies	Role of Ocean Mesoscale Eddies in Climate Model Drift "Sea Level and the CORE-II Project"	DRAKKAR/MY OCEAN Annual Workshop	Grenoble, France
1/21/2015 - 1/23/2015	Tom Knutson	Assessing Extreme Events for Anthropogenic Influence: Recent Examples	International Adhoc Detection/Attribution Group Meeting	Boulder, CO
1/12/2015 - 1/15/2015	V. Ramaswamy	Climate and Air Pollution in the Indian Subcontinents: Resolving the Role of Aerosols	International Workshop on Assessing the Role of Aerosols and Changing Climate on Monsoon and Extreme Events	Delhi, India
1/12/2015 - 1/13/2015	Gabriel Vecchi	Predicting Hurricane Activity	Willis Re Florida Insurance Summit	Orlando, FL
12/12/2014 - 12/14/2014	John Dunne	Biogeochemical Models in Climate Model Intercomparison Project Phase 5	US CLIVAR-OCB Workshop on Ocean Carbon and Heat Uptake	San Francisco, CA

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12/12/2014 - 12/14/2014	Robert Hallberg	Mesoscale Eddies: Parameterizations and Gaps	US CLIVAR-OCB Workshop on Ocean Carbon and Heat Uptake	San Francisco, CA
12/12/2014 - 12/14/2014	Michael Winton	Simulating Ocean Heat Uptake and Transient Sensitivity with a High-ocean Resolution Climate Model	US CLIVAR-OCB Workshop on Ocean Carbon and Heat Uptake	San Francisco, CA
12/8/2014 - 12/12/2014	Charlie Stock	Drivers of Tropic Amplification of Ocean Productivity Trends in a Changing Climate	"Seafood in an Uncertain Future: From Scenarios to Policies" Symposium	Vancouver, BC
12/1/2014 - 12/11/2014	Tim Marchok	Recent Advances in Tropical Cyclone Rainfall Research	8th International Workshop on Tropical Cyclones	Cheju, South Korea
11/24/2014 - 11/29/2014	V. Ramaswamy	Understanding of the Climate System for Adaptation and Resilience	3rd International Conference on Climate Change: Urban Adaptation and Resilience	Hong Kong
11/18/2014 - 11/21/2014	Keith Dixon	What Qualifies as Best Practices When Using Climate Model Projections?	2014 Research Workshop for the South Central Climate Center	Grapevine, TX
11/10/2014 - 11/15/2014	Andrew Wittenberg	ENSO Dynamics, Diversity and Change	3rd international Conference on ENSO	Guayaquil, Ecuador
10/27/2014	Leo Donner	Aerosol-Cloud Interactions and Climate Change	Iowa State University of Science and Technology Seminar	Ames, IA
10/26/2014	Stephen Griffies	Elements of Sea Level in Changing Climate	University of Arizona Geosciences Department Seminar	Tucson, AZ
10/20/2014	Stephen Griffies	Elements of Sea Level in Changing Climate	Yale Climate and Energy Institute Seminar	New Haven, CT
10/19/2014	Keith Dixon	Making the Connection between the Operational Meteorology and Climate Science	National Weather Association's Annual Conference	Salt Lake City, UT
10/6/2014 - 10/8/2014	Robert Hallberg	Developing A US Research Agenda to Advance Sub-seasonal to Seasonal Forecasting	First meeting of the NRC study	Washington, DC

Host-Paid Invited Talks				
Dates	Speaker	Title of Presentation	Meeting	Place (city)
10/1/2014 - 10/3/2014	Stephen Griffies	Ocean Heat Transport in A Hierarchy of Coupled Climate Models	Workshop on Ocean Heat Uptake sponsored by the University of Reading, UK and the National Oceanography Centre, UK	Southampton, UK
9/30/2014 - 10/4/2014	Mike Winton	After The OHU, the ECS?	National Oceanography Centre's Ocean Heat Uptake Workshop	Southampton, UK
9/30/2014 - 10/4/2014	Stephen Griffies	Impacts on Ocean Heat and Model Drift From Vertical Mesoscale Eddy Transport: Results Form A Hierarchy of Climate Models	National Oceanography Centre's Ocean Heat Uptake Workshop	Southampton, UK
8/21/2014	V. Ramaswamy	Atmospheric Composition and Climate Change: A Tale From Two Climate Models	University of New South Wales	Sydney, Australia
8/20/2014	V. Ramaswamy	Review of the Australian Research Council's Centre of Excellence for Climate System Science	Review of the Australian Research Council's Centre of Excellence for Climate System Science	Brisbane, Australia
8/19/2014	V. Ramaswamy	Regional Climate Information: NOAA/ GFDL Gains in Recent Research	Monash University	Melbourne, Australia
8/19/2014	V. Ramaswamy	The Aerosol-Climate Story: Complexity Unbounded	Commonwealth Scientific and Industrial Research Organization	Aspendale, Australia
8/8/2014	Tom Knutson	Recent Work at GFDL on Climate Change and Extreme Weather and Climate Events.	Tokio Marine's 9th Summit on Global Warming and Climate Change	Atlanta, GA
8/18/2014	V. Ramaswamy	Aerosols' Role in Climate Change: Looking Beyond the Temperature Effects	University of Melbourne	Melbourne, Australia
7/15/2014	Rusty Benson	Design Features, Failure Modes, and Forensic Analysis in the GFDL Workflow Management System	Focused Technical Workshop: Improving Data Mobility & Management for International Climate Science	Boulder, CO
6/28/2014 - 7/4/2014	Charlie Stock	Building Confidence in Marine Ecosystem Projections in a Changing Climate	Advances in Marine Ecosystem Modeling Research Meeting	Plymouth, United Kingdom
6/24/2014 - 7/2/2014	John Dunne	Carbon, Climate & Ecosystems Change in GFDL's Earth System Models	Monterey Bay Aquarium Research Institute Lecture	Monterey, CA

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Dates	Speaker	Title of Presentation	Meeting	Place (city)
6/12/2014	Shaoqing Zhang	Coupled Data Assimilation and North Atlantic Decadal Predictability	University of Bergen	Bergen, Norway
6/4/2014	Stephen Griffies	Impacts From the Ocean Mesoscale on Climate Mean and Drift	Stockholm University Department of Meteorology PhD Defense and Presentation	Stockholm, Sweden
5/28/2014 - 5/30/2014	Tom Knutson	Extremes in Climate Change: Global Tropical Cyclone Projections and Assessment of Some Recent Climate Extremes and Anomalies	University of Miami Rosentiel School	Miami, FL
5/11/2014 - 5/16/2014	Jasmin John	GFDL's Next Generation Climate And Earth Systems Models	FP7 EMBRACE Project General Assembly	DeBilt, Netherlands
5/3/2014 - 5/6/2014	Yi Ming	Understanding Global and Regional Climate Change: Theory and Modeling at GFDL	Seminar at Swiss Federal Institute of Technology (ETH)	Zurich, Switzerland
4/7/2014	Stephen Griffies	A Scientific Survey of Mesoscale Eddy Ocean Simulations	CLIVAR Conference on Eddy Ocean Simulations and Working Group Meeting	Kiel, Germany
3/28/2014	Leo Donner	Atmospheric General Circulation Models: Complexity, Synthesis, and Computation The Role of Cloud-Aerosol Interactions in the Climate Forcing-Sensitivity Tradeoff	Weston lecture and seminar in Atmospheric & Oceanic Sciences at University of Wisconsin	Madison, WI
3/10/2014	Jean-Christophe Golaz	Clouds in GFDL Climate Models: Highlights From Recent Developments	International Workshop on Climate Modeling Systems	Honolulu, HI
3/7/2014	Charlie Stock	Spanning Time and Spatial Scales: Modeling Our Planet's Climate	Climate Change Science for Broadcast Meteorologists & Weathercasters Workshop	Denver, CO
2/17/2014	Yi Ming	A top-down Framework for Understanding Regional Climate Change	University of Texas at Austin and Texas A&M University	Austin & College Station, TX
1/14/2014	Robert Hallberg	Impacts on Low-mode Tidal Mixing on the Ocean Mean State and Sea-level Rise	Ocean Climate Process Team Meeting	Boulder, CO

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11/29/2013 - 12/7/2013	Tom Knutson	Tropical Cyclones and Climate Change-An Update Focusing on the NW Pacific Basins	ESCAP/WMO Typhoon Committee's 2nd Training and Research Coordination Group	Macau, China
11/26/2013	Tom Knutson	Global Warming and Atlantic Hurricane Activity	Mathematics and Climate Change Symposium	Lyon, France
11/5/2013	Ron Stouffer	Climate Model Intercomparison Project: A New Era in Climate Science	University of Delaware	Newark, DE
11/4/2013	V. Ramaswamy	Aerosol Forcing and Climate Response	Sir Gilbert Walker MoES Distinguished Chair Professor Appointment, Indian Institute of Technology	New Delhi, India
11/1/2013	John Krasting	Scenario Dependence of the Climate Response to Cumulative Carbon Emissions	Seminar at University of Delaware	Newark, DE
10/31/2013	Gabriel Vecchi	High-Resolution Seasonal to Decadal Prediction at GFDL	New Faces of Climate Variability Symposium	Yokohama, Japan
10/28/2013	V. Ramaswamy	The Forcing of Monsoon by National and Anthropogenic Factors	Asian Monsoon Year Science Committee; Hong Kong Meteorological Society	Macau and Hong Kong, China
10/22/2013-10/25/2013	Tom Knutson	Tropical Cyclones and Climate Change-An Update Focusing on the NW Pacific Basins	2013 APEC Typhoon Symposium	Taipei, Taiwan
10/15/2013	Ron Stouffer	Climate Model Intercomparison Project: A New Era in Climate Science	University of Delaware	Newark, DE