

Service of individuals in technical and scientific societies such as journal editorships, election to boards or executive level offices, service on U.S. interagency groups, service of individuals on boards and committees of international research-coordination organizations

Intergovernmental Panel on Climate Change

Robert Hallberg: Contributing Author, Special Report: *The Ocean Cryosphere in a Changing Climate: Summary for Policymakers*

Robert Hallberg: Lead Author, Chapter 5: *Changing Ocean, Marine Ecosystems, and Dependent Communities: Special Report on the Ocean and Cryosphere in a Changing Climate*

Elena Shevliakova: Contributing Author, *Climate change and Land: Summary for Policymakers*

Elena Shevliakova: Contributing Lead Author, Chapter 2: *Land-Climate Interactions: Climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems*

Thomas Knutson: Contributing Author, Chapter 6: *Extremes, Abrupt Changes and Managing Risks*; Expert Reviewer

Sonya Legg (AOS): Expert Reviewer

Global Warming of 1.5°C. (2018)

Thomas Knutson: Expert Reviewer

Lori Sentman: Expert Reviewer

Sixth Assessment Report (2016-Present)

Vaishali Naik: Lead Author, Working Group 1, Chapter 6, Short-lived climate forcers

Jasmin John: Overseeing GFDL overall participation in CMIP6 in support of AR6

John Dunne: Overseeing Model Development and Climate Experiments for AR6, Earth System Model, ESM4.1

John Dunne: Lead Author, Working Group 1, Chapter 4, Future global climate: scenario-based projections and near-term information

John Dunne: Contributing Author, Second State of the Carbon Cycle Report: *Chapter 16: Coastal Ocean and Continental Shelves*

John Dunne: Contributing Author, Second State of the Carbon Cycle Report: *Chapter 19: Future of North America Carbon Cycle*

Venkatachalam Ramaswamy: Reviewer Editor, Working Group 1, *Chapter 7: The Earth’s energy budget, climate feedbacks, and climate sensitivity*

US Global Change Research Program and the US Climate Change Science Program			
Name	Service	Organization / Project	Dates
Lori Sentman	Expert Reviewer	4 National Climate Assessment Second Order Draft	2018
Vaishali Naik	Contributing Author	Fourth U.S. National Climate Assessment (NCA4), Air Quality	2017-2018
Thomas Knutson	Lead Author	USGCRP-Climate Science Special Report: Fourth National Climate Assessment, Volume I. Lead Author, Chapter 3 “Detection and Attribution of Climate Change”. Co-author, Chapters 1, 5, 7, 8, and 9.	2017
Venkatachalam Ramaswamy	Chair	US Climate Modeling Summit	2016-2017
	Member	Climate Modeling Summit, US Interagency Group on Integrative Modeling	

World Climate Research Programme (WCRP), World Meteorological Organization (WMO), and Climate Variability and Predictability (CLIVAR)			
Name	Service	Organization / Project	Dates
Kirsten Findell	Co-Chair	Global Energy and Water Cycle Experiment (GEWEX) Global Land/ Atmosphere System Study (GLASS) Panel	2019-present
Sonya Legg	Member	CLIVAR Scientific Steering Group	2019-present
Andrew Wittenberg	Member	CLIVAR Pacific Region Panel	2019-present
Alistair Adcroft	Member	World Climate Research Programme/Working Group for Ocean Model Development	2018-present
V. Balaji	Member	WCRP Working Group on Coupled Modeling (WGCM)	2018-present
Kirsten Findell	Member	GEWEX/GLASS Panel	2018-present
Andrew Wittenberg	Co-Chair	Scientific Committee, IV International Conference on El Nino Southern Oscillation: ENSO in a Warmer Climate, WCRP/CLIVAR Workshop, Guayaquil, Ecuador	2018
Pu Lin	Reviewer	World Meteorological Organization (WMO) Ozone Assessment	2018
Alistair Adcroft	Member	CLIVAR Ocean Model Development Panel	2017-present
Thomas Knutson	Chair	WMO Task Team on Tropical Cyclones and Climate Change	2017-present
Sonya Legg	Chair	CLIVAR Scientific Steering Committee	2017
Vaishali Naik	Expert Reviewer	WMO Scientific Assessment of Ozone Depletion Report	2017
Xiaosong Yang	Member	CLIVAR Phenomena, Observations and Synthesis Panel	2015-2018
Andrew Wittenberg	Co-Chair	Fourth CLIVAR Workshop on the Evaluation of ENSO in Climate Models: ENSO in a Changing Climate, Paris, France	2015
Stephen Griffies	Emeritus	WCRP/CLIVAR Scientific Steering Group Ocean Model Development Panel	2014-2018
Andrew Wittenberg	Co-Chair	CLIVAR Research Focus on ENSO in a Changing Climate	2013-2018
Andrew Wittenberg	Member	CLIVAR Working Group on ENSO Diversity	2012-2015
Kirsten Findell	Member	GEWEX/GLASS Panel's Local Coupled land-atmosphere modeling Project (LOCO)	2008-present

National Academy of Sciences, National Research Council, National Science Foundation, Office of Science and Technology Policy			
Name	Service	Organization / Project	Dates
Xiaosong Yang	Reviewer	National Science Foundation (NSF), Climate and Large-Scale Dynamics	2018
Xiaosong Yang	Reviewer	National Science Foundation, Physical Oceanography Program	2017
Leo Donner	Member	Earth Observations Assessment	2016
Rong Zhang	Executive Committee Member	NSF-Ocean Sciences Program (2015-2016), NSF Climate and Large-scale Dynamics Program	2016
Leo Donner	Reviewer	National Science Foundation	2015-2016
Leo Donner	Chair	NCAR/UCAR Community Earth System Model Advisory Board	2014-present
Rong Zhang	Reviewer	National Science Foundation - Arctic Natural Sciences Program	2014-present
Sonya Legg	Member	National Science Foundation Earthcube Test Governance Advisory Committee	2014-2015
John Dunne	Lead Reviewer	US Department of State Review of United Nations 2015, World Ocean Assessment Chapter 9: "Conclusions on major ecosystems services other than provisioning services" reviewing Chapters 3-8	2014-2015
Olga Sergienko	Panel Member	National Science Foundation	2009-present
Robert Hallberg	Member	National research Council's Ocean Studies Board	2010-present

Other International Service			
Name	Service	Organization / Project	Dates
Venkatramani Balaji (CIMES)	Member	Scientific Review Group, UK Met Office Hadley Centre,	2019-2022
Tom Delworth	Member	Review panel for UK/US RAPID and OSNAP Program	2019
Leo Donner	Reviewer	UK NERC (2015-2016), Swedish National Science Board (2018), German Science Foundation-Waves to Weather Center	2019
Xiaosong Yang (CIMES)	Reviewer	UK Natural Environment Research Council	2019
Rong Zhang	Science Advisory Board Member	Bjerknes Climate Prediction Unit, Bergen, Norway	2018-present
Andrew Wittenberg	Lead Author	Second Report of TPOS 2020	2018

Other International Service			
Stephen Griffies	Board Member	Project Advisory Board for the Transient Tracer-Based Investigation of Circulation and Thermal Ocean Change (TICTOC), United Kingdom	2017-present
Tom Delworth	Member	Science Advisory Board, IBS Center for Climate Physics, Busan, Korea	2017-present
Vaishali Naik	Expert Reviewer	Hindu Kush Himalayan Monitoring and Assessment Programme (HIMAP)	2017
Andrew Wittengberg	Member	ENSO Complexity Workshop, Pusan National University, Busan, South Korea	2017
Tom Delworth	Chair	The Science Advisory Board, UK	2016-present
Stephen Griffies	Member	European Geosciences Union Fridtjof Nansen Oceanography Award Panel	2016-present
Jasmin John	Member	C4MIP Scientific Steering Committee	2016-present
Charles Stock	Steering Committee	4 th International Effects of Climate Change on the World's Ocean Conference	2016-2018
Andrew Wittenberg	Contributing Author	TPOS 2020 First Report	2016
Andrew Wittenberg	Member	Backbone Task Team, Tropical Pacific Observing System (TPOS) 2020	2015-present
Andrew Wittenberg	Member	Modeling and Data Assimilation Task Team, Tropical Pacific Observing System (TPOS) 2020	2015-2018
Venkatachalam Ramaswamy	Member	Committee on Space Research, International Council of Science	2015-2016
Jasmin John	External Partner	Coordinated Research in Earth Systems and Climate: Experiments, Knowledge, Dissemination and Outreach (CRESCENDO) Project	2015
Rong Zhang	Committee Member	RAPID/US AMOC International Science Meeting, Bristol, UK	2015
Leo Donner	Co-Convener	European Geophysical Union General Assembly	2014-present
Venkatramani Balaji	Member	Max Planck Institute for Meteorology Science Advisory Board, Hamburg, Germany	2014-2019
Leo Donner	Advisory Board	Dynamics-Aerosol-Chemistry-Cloud Interactions in West Africa (DACCIWA)	2014-2018
Charles Stock	Steering Committee	Advances in Marine Ecosystem Modeling Research Symposium, Plymouth UK	2014
Andrew Wittenberg	Co-Chair	Dynamics, Predictability and Modeling, EGU General Assembly	2010-2017

Other International Service			
Stephen Griffies	Advisory Board	Catalan Climate Institute IC3, Spain	2009-2015

Other National Service			
Name	Service	Organization / Project	Dates
Leo Donner	Session Co-Chair	American Meteorological Society Annual Meeting	2020
Venkatachalam Ramaswamy	Member	OSTP Inter-agency Machine Learning and Artificial Intelligence Subcommittee	2019-2020
Vaishali Naik	Member	The Aerosol Chemistry Model Intercomparison Project (AerChemMIP)	2019-present
Rong Zhang	Committee Member	Cooperative Institute for Modeling the Earth System (CIMES), Princeton University	2019-present
Tom Knutson	Panelist	NOAA Climate Program Office Proposal Review Panel	2019
Vaishali Naik	Organizing Committee Member	Tri-MIP-athlon – The Second Joint AerChemMIP/RFMIP/PDRMIP Workshop in support of CMIP6	2019
Thomas Knutson	Panel Member	American Geophysical Union (AGU) Climate Change Position Statement Panel	2019
Charles Stock	Co-Chair	NOAA Climate Fisheries Initiative Expert Group; providing improved climate change projections to meet NMFS fisheries mandates	2019
Charles Stock	Member	Joint US-Canadian Committee on Ocean Acidification	2018-present
Leo Donner	Advisory Committee	Department of Energy Biological and Environmental Research Advisory Committee (BERAC)	2018-present
Rusty Benson	Member	Unified Forecast System Steering Committee	2018-present
V. Balaji	Member	National Center For Atmospheric Research (NCAR) Scientific Advisory Panel	2018-present
John Dunne	Chair	US Working Group on Ocean Carbon Uptake in CMIP6 Models	2018-present
V. Balaji	Member	WCRP Working Group on Coupled Modeling (WGCM)	2018-present
Rong Zhang	Co-Convener	AGU Ocean Sciences Meeting	2018
Charles Stock	Invited Contributor	Chesapeake Bay Program's Scientific and Technical Advisory Committee workshop "Chesapeake Bay Program Climate Change Modeling 2.0"	2018
Venkatachalam Ramaswamy	Panel Member	NASA Radiation Energy Budget	2018
Leo Donner	Reviewer	Department of Energy	2018, 2015-2016
Andrew Wittenberg	Member	NOAA Tropical Pacific Observing System (TPOS) 2020 Implementation Strategy Team	2017-present
V. Balaji	Chair	NCAR Computing and Information Systems Lab	2017-present
Rusty Benson	Proposal Reviewer	Developmental Testbed Center	2017-present

Other National Service			
Name	Service	Organization / Project	Dates
	Advisory Board		
John Dunne	Member	US-Ocean Biogeochemical Argo (OCB)	2017-present
Charles Stock	Contributor	National Climate Assessment: Ecosystems, Ecosystem Services and Biodiversity	2017-2018
Rusty Benson	Member	Next Generation Global Prediction System Governance Group	2017-2018
Andrew Wittenberg	Co-Chair	Mechanisms and Impacts of Natural and Anthropogenic Tropical Pacific Decadal Variations and Trends, AGU Fall Meeting	2017
Xiaosong Yang	Panel Member	NASA Modeling, Analysis and Prediction Program	2017
Rong Zhang	Committee Member	US AMOC Science Team Meeting	2017
Leo Donner	Reviewer	National Aeronautics Space Administration	2017
Charles Stock	Member	International Ocean Color Coordinating Group (IOCCG), Working Group for the Integration of Ecosystem Models and Ocean Color	2016-present
Leo Donner	Advisory Committee	Pacific Northwest National Laboratory, Earth and Biological Science Directorate	2016-present
Rusty Benson	Co-Chair	Unified Forecast System Infrastructure Working Group	2016-present
	Member	Unified Forecast System Architecture Working Group	
John Dunne	Member	NOAA Ocean Acidification Working Group	2016-present
		NOAA Unified Modeling Committee	
Venkatachalam Ramaswamy	Co-Chair	Climate Variability and Change, National Research Council Decadal Survey for Earth Science and Applications from Space	2016-2018
Rong Zhang	Chair	US AMOC Task Team IV	2016-2017
Venkatachalam Ramaswamy	Co-Lead	Inter-Agency Working Group on Climate Data, Data Sharing, and Modeling, Climate and National Security Working Group	2016
Andrew Wittenberg	Co-Chair	Real-time Observation and Analysis of the Strong 2015/2016 El Niño Event, AGU Fall Meeting	2016
		ENSO Dynamics, Observations, and Predictability, AGU Fall Meeting	
		ENSO Dynamics, Observations, and Predictability, AGU Fall Meeting	
		ENSO Diversity in a Changing Climate, AGU Ocean Sciences Meeting	
Charles Stock	Chair	Ecosystem Science Review Panel, Northeast Fisheries Science Center	2016
Rong Zhang	Committee Member	International Paleo-AMOC Workshop	2016

Other National Service			
Name	Service	Organization / Project	Dates
V. Balaji	Member	National Academies of Science, Engineering and Medicine Panel	2016
		Earth System Grid Federation (ESGF) Executive Committee	
		Department OF Energy E3SM Scientific Advisory Committee	
Leo Donner	Session Chair	American Geophysical Union Fall Meeting	2015-2018
John Dunne	Committee Member	NASA Ocean Biology and Biogeochemistry Advance Science Plan and Pre-Decadal Survey	2015-2017
Vaishali Naik	Co-Author	Chapter 7 of the Tropospheric Ozone Assessment Report (TOAR), Contributing Author on Chapter 2	2015-2017
Rong Zhang	Vice-Chair	US AMOC Task Team IV	2015-2016
Venkatachalam Ramaswamy	Member	Observation and integrated Earth-system science: A roadmap for 2016-2025	2015-2016
Venkatachalam Ramaswamy	Member	Arthur Sackler Colloquium on "Improving our fundamental understanding of the role of aerosol-cloud interactions in the climate system"	2015
V. Balaji	Co-Chair	Working Group on Climate Models Infrastructure Panel	2014-present
Tom Delworth	Member	Science Advisory Board, Department of Energy Exascale Earth System Model	2014-present
Keith Dixon	Member	Member of the Executive Committee of the USGS South Central Climate Adaptation Science Center	2014-present
Sonya Legg	Co-Chair	Mentoring Physical Oceanography Women to Increase Retention (MPOWIR)	2014-present
Keith Dixon	Steering Group Member	Rutgers University - NJ based Climate Adaptation Alliance	2014-2017
Stephen Griffies	Co-Lead	NOAA/NCEP Climate Model Development Task Force	2014-2016
Keith Dixon	Member	American Association for the Advancement of Science selection committee for the Early Career Award for Public Engagement	2014-2015
V. Balaji	Member	Scientific Advisory Panel, Oak Ridge Climate Change Science Institute	2010-2016
Olga Sergienko	Review Panel	Department of Energy	2009-present
		National Aeronautics Space Administration	

Scientific Journals Service			
Name	Service	Organization / Project	Dates
V. Balaji	Member	Editorial Board for Cell Press Journal Patterns: The Science of Data	2019
Thomas Knutson	Special Editor	Climate, Bulletin of the American Meteorological Society, Explaining Extremes Supplement	2019
Sonya Legg	Associate Editor	Journal of Advances in Modeling the Earth System	2019
Stephen Griffies	Editor in Charge	Journal of Advances in Modeling the Earth System (JAMES), Ocean and Cryosphere for the Advancing Earth and Space Science	2018-present
John Dunne	Review Editor	Biogeochemistry for Frontiers in Marine Science	2018-present
Rong Zhang	Editor	Journal of Climate	2016-present
Olga Sergienko	Editorial Board Member	Journal Geophysical Research Earth Surface	2016-present
Alistair Adcroft	Associate Editor	Journal for Advances in Modeling the Earth System	2013-2018
Sonya Legg	Editorial Board Member	Ocean Modeling	2009-2018
Gabriel Vecchi	Associate Editor	Journal of Climate	2008-present
Stephen Griffies	Editor	Ocean Modeling	2007-2018
Robert Hallberg	Editorial Board	Ocean Modeling	
Lori Sentman	Member	Earth Science Women's Network	2006-present
Leo Donner	Advisory Board	Tellus	1996-2016

***In addition to the services listed above, GFDL scientists review for over 85 different scientific journals annually.**