

Leadership Roles and Community Engagement

The following material includes recognition from professional societies, membership organizations, International committees and working groups, as well as NOAA leadership roles for 2016-2021.

Air Resources Laboratory - 2022 Lab Review

Richard Artz			
	Steering Committee: International Workshop on Air Quality Forecasting Research (IWAQFR)		2017
Bruce Baker			
	Executive Committee National Coordinated Soil Moisture network	NOAA, USGS, USDA, NASA	2018
	Chair of the AMS Committee on Measurements, Instrumentation, and Observations	AMS	2010-2018
	PI "Evaluation of Unmanned Aircraft Systems (UAS) for Weather with Observing Strategies Suitable for Transition into Routine NOAA Applications using the multi-testbed approach	UASPO	2017-2020
	PI: NIDIS Soil Moisture & Soil Temperature Sensor Network with the U.S. Climate Reference Network	NIDIS	2017-2021
	WMO UAS Global Demo Project Committee	WMO	2021
	Invited Talk: workshop on Unmanned Aerial Vehicles for Operational Meteorology	WMO	2019
	Convener: Unmanned Aerial Vehicles for Atmospheric Research	AMS	2016
	Convener: Unmanned Aerial Vehicles for Atmospheric Research and Field Programs	AMS	2017
	Convener: Intercomparison and Calibration of Instruments	AMS	2020
	Co-Convener Extreme Precipitation Understanding the Soil Moisture Spectrum	AMS	2021
	Co-Organizer for NOAA/ARL University of Tennessee Science Workshop	NOAA/UT	2017
	Advisory Committee Kentucky Mesonet	Bowling Green State University	2021
Patrick Campbell			
	Co-Editor, Atmosphere, special issue: PM2.5 Predictions in the USA	MDPI	2021
	Lead Editor, Atmosphere, special issue: Impacts of Land, Climate, and Emissions Changes on Regional Air Quality	MDPI	2021
Tianfeng Chai			
	PI of Award NA16OAR4590121, "Top-down estimation of wildfire smoke emission based on HYSPLIT model and NOAA NESDIS GOES Aerosol/Smoke products (GASP) to improve smoke forecasts in the US"	NOAA	6/2016-5/2020
	AMS Session Co-Chair, 2019: Source Inversion and Atmospheric Dispersion Model Validation Topics	AMS	2019
	NASA Postdoctoral Program Panelist	NASA	2019
	Copernicus Services External Evaluation Experts, Grant reviewer	ECMWF	2015-

	Editorial board	PeerJ	2017-
Mark Cohen			
	Invited Speaker: 9th Biennial NOAA Education and Science Forum	NOAA	2018
Alice Crawford			
	Invited Speaker: 9th Biennial NOAA Education and Science Forum	NOAA	2018
	Interagency Council For Advancing Meteorological Services (ICAMS) Subcommittee on atmospheric composition information and services (SC/ACIS) Working group on atmospheric transport and dispersion and volcanic ash, and working group on fire weather services.	NOAA	2021-
Howard Diamond			
	Chair of the Committee on Meteorology and Oceanography of the Southern Hemisphere	AMS	1/2021-1/2024
	Global Climate Observing System (GCOS) Task Team on a GCOS Surface Reference Network (GSRN).	WMO	2017
	Lead editor for the Tropics chapter in "The State of the Climate in 2019," a supplement to the Bulletin of the American Meteorological Society.	NOAA/NCEI	2018
Tiffany House			
	Nominations and Elections Chair, EEO Advisory Committee	NOAA	2018
John Kochendorfer			
	AMS Session Co-Chair: Solid Precipitation Measurements	AMS	2021
	AMS Session Co-Chair, 2019	AMS	2019
	AMS Session Chair: Instrumentation and Techniques for Monitoring Biosphere-Atmosphere Exchange	AMS	2016
Praveena Krishnan			
	Principal Investigator : Collaborative Research: Bridging the scale gap between local and regional methane and carbon dioxide isotopic fluxes in the Arctic (NSF award ID 1848694)	NSF	2021-2024
	Invited Speaker: "Fluxes of Greenhouse Gases and Energy Across Ecosystems - Five Decades to State-of-the-art of Measurements and Modelling"	UBC	2019
	Lead guest editor : 'Remote Sensing'- for Special issue 'Understanding Biosphere-Atmosphere Interactions with Remote Sensing'	MDPI	2021
	Editorial Board Member : 'Remote Sensing' (Section: Biogeosciences Remote Sensing)	MDPI	2020-
Pius Lee			
	Chair: Interagency Monitoring of Protected Visual Environment (IMPROVE) network	Improve	
	Science team Tropospheric Emissions: Monitoring of Pollution (TEMPO) satellite		2019
	Editor: Training Materials and Best Practices for Chemical Weather/Air Quality Forecasting	WMO	2020
	Lead Editor, Atmosphere, special issue: Air Quality Monitoring and Forecasting	MDPI	2018

Temple Lee			
	Co PI of Award "Employing a combined observation and simulation-based framework to investigate spatiotemporal variability in urban heat and associated heat advection"	NOAA	2021-2022
	PI of Award toward obtaining daily vertical profiles of boundary layer temperature and moisture fields using small unmanned aircraft systems	NOAA	2019-2021
	American Meteorological Society Scientific and Technological Activities Commission (STAC) Committee for Measurements	AMS	2018-present
	Non-Classical Tornadoic Storms (NCTS) 2019-2020 Planning Committee	NOAA	2019
	Guest editor for "Exploring Atmospheric Boundary Layer Dynamics Using Ground-Based Lidar Measurements" in Frontiers in Remote Sensing	Frontiers	2021
	Linden Elementary STEM Recertification Community Stakeholders Panel	NOAA	2021
	Session Chair, 2018: Use of UAVs for atmospheric research that includes discussions on platforms, instrumentation, regulations, and science II	AMS	2018
	Session Chair, 2021: Integrating unmanned aerial systems (UAS) into meteorology	AMS	2021
	Session Chair, 2019: Innovative Measurements	AMS	2019
	Session Chair, 2020: Utilizing UAS systems for weather observations transfer applications	AMS	2020
	Session Chair, 2020: Remote sensing—ceilometer, microwave radiometer, and radiative transfer applications	AMS	2020
	Invited Speaker, Current and Future Uses of Unmanned Aircraft Systems (UASs) for Improved Forecasts/Warnings and Other Scientific Studies	CIMMS	2019
	Invited Speaker, University of Virginia Atmospheric Sciences Seminar	UVA	2019
Nebila Lichiheb			
	Intelligence Community Academic Research Postdoc	ORAU	2020
	Session Convener, Understanding atmospheric nitrogen exchange in coastal and estuarine ecosystems	AGU	2019
Winston Luke			
	Chair of the Network Operations Subcommittee (NOS).		2021
	Vice Chair of the Network Operations Subcommittee (NOS).	NADP	2020
	NOAA Representative, United States Government (USG) Mercury Interagency Group (MIG)	U.S. State Department	2019-2022
Tilden Meyers			
	OAR Multi-Lab Integrated Observation and Modeling Approach to Understanding Land-Atmosphere Interactions: A Bedrock-to-Boundary Layer (B2B) Approach	OAR	2019
	Global Land/Atmosphere System Study (GLASS) Panel	World Climate Research Program	2019
	Chair: WMO Solid Precipitation Intercomparison	AMS	2016
LaToya Myles			
	Chair, Honors and Recognition (H&R) Committee	AGU	2020-2022
	Advisory Board Member, AGU Leadership Academy and Network for Diversity and Inclusion in Geosciences	AGU	2021-2024
	Invited Speaker and Panelist: 10th Biennial NOAA Education and Science Forum	NOAA	2021

Member, International Award Committee	AGU	2016-2017
Graduate, Leadership Knoxville Flagship Program	Leadership Knoxville	2016-2017
Co-chair, OAR Forums Planning Committee	NOAA	2016-2017
Co-chair, NOAA Ecosystem Research Committee	NOAA	2016
Keynote NADP Fall Symposium	NADP	2020
Invited Speaker: 2020 Virtual NOAA Leadership Seminar (NLS)	NOAA	2020
Invited speaker: NOAA GFDL Diversity, Equity, and Inclusion Community Forum	NOAA	2020
Invited Panelist: 2020 NOAA Center for Coastal and Marine Ecosystems Annual Meeting	NOAA	2020
Invited Speaker: Society of Military Engineers Oak Ridge Chapter	Society of Military Engineers	2020
NOAA representative, NEON Interagency Working Group	NSF	2019-2021
ARL representative, OAR Diversity and Inclusion Advisory Committee	NOAA	2017-2020
2019 NOAA Leadership Seminar Graduate	NOAA	2019
Co-convener: Understanding atmospheric nitrogen exchange in coastal and estuarine ecosystems	AGU	2019
Invited Speaker: East Tennessee Economic Council	East Tennessee Economic Council	2019
Invited Speaker and Panelist: 9th Biennial NOAA Education and Science Forum	NOAA	2018
Invited Panelist, University of Tennessee Woman Engineers Day	UT Tickle College of Engineering	2017
Invited Panelist, Creating Inclusive and Diverse Field and Lab Environments Within the Geosciences	AGU	2017
Session Convener	AMS	2022
Xinrong Ren		
Aircraft Program Director in Department of Atmospheric and Oceanic Science	University of Maryland	2012-2020
Steering Committee Member	IMPROVE	2021
NASA FireChem proposal review panelist	NASA	2017
Rick Saylor		
Review Panel: Community Multiscale Air Quality (CMAQ) version 5.3 model	US EPA	2020
Lead Editor, Atmosphere, special issue: Air Quality Monitoring and Forecasting	MDPI	2018
Session Convener	AMS	2022
Walter Schalk		
Chair, DOE Meteorological Sub-Committee (DMSC)	DOE Emergency Management Issues Committee - Special Interest Groups	2019 - 2021

	Chair, DOE Meteorological Coordinating Council (DMCC)	DOE Emergency Management Issues Committee - Special Interest Groups	2007 - 2018
Ariel Stein			
	Global Atmospheric Watch leadership and steering committee	WMO	
	Chair, Total Atmospheric Deposition Science Advisory Group	WMO	
	Organizing Committee: Workshop on Measurement-Model Fusion for Global Total Atmospheric Deposition (MMF-GTAD)	Scientific Advisory Group for Total Atmospheric Deposition (SAG-TAD). WMO.	2017-2027
	HYSPLIT Workshop at AMS meeting	AMS	2018
	Member of the American Meteorological Society's Committee on Meteorological Aspects of Air Pollution (CMAAP)	AMS	2016-today
	Instructor; Planetary Boundary Layer Workshop	National Science Foundation	
	Graduate Lecturer, Master Interunivesitario en Ingenieria Ambiental	Universidad Internacional de Andalucia, Huelva, Spain	2016-2019
	Invited Speaker: 9th Biennial NOAA Education and Science Forum	NOAA	2018
Youhua Tang			
	Principal Investigator of NA20OAR4590352 (JTTI FY20): Expanding Chemical Data Assimilation System to Support NOAA Unified Forecast System	NOAA	2020-2022
Daniel Tong			
	Steering Committee: Pan American Sand and Dust Storm Warning Advisory and Assessment System (WMO SDS-WAS)	WMO	2017
	Co-Author: Global Assessment of Sand and Dust Storms	UN, WMO, joint publication	2016
	Invited Speaker: National Drought and Public Health Summit	NOAA, et all	2019
	Member, NASA Health and Air Quality Applied Science Team (HAQAST)	NASA	2016-2024
	Member, NOAA JPSS Proving Ground and Risk Reduction Team	NOAA	2012-2020
	Editor: Training Materials and Best Practices for Chemical Weather/Air Quality Forecasting	WMO	2020
	Co-Chair, AGU GeoHealth Meetings Committee	AGU	2018-2022