

Speakers

Catherine Allen is the Chief of the Sustainable Communities and Infrastructure Branch in EPA's Office of Wastewater Management. The Branch promotes sustainable management and technological advancement of wastewater systems (both centralized and decentralized) and, with the Regions, provides construction funding to tribes, territories, Alaska Native Villages, and communities along the U.S.-Mexico border. Catherine has engineering and political science degrees from Stanford University and Johns Hopkins University.

Fredric P. Andes is a partner in the Chicago and Washington, D.C. offices of Barnes & Thornburg LLP. He is the leader of the firm's Water Team. He advises trade associations, municipalities, and industries on TMDLs, water quality standards, discharge permits, and other water quality regulatory, compliance and enforcement matters on the state and federal levels. He is also the Coordinator of the Federal Water Quality Coalition, which is a group of regulated parties that participates in development of Clean Water Act rules and guidance. Mr. Andes graduated *cum laude* from Harvard Law School in 1980 and obtained his undergraduate degree from Northwestern University in 1977. Mr. Andes is a member of the Illinois State, District of Columbia, and American Bar Associations. He is admitted to practice in the state of Illinois, the District of Columbia, the U.S. District Courts for the Northern District of Illinois and the District of Columbia, and the U.S. Courts of Appeals for the First, Second, Fourth, Fifth, Sixth, Seventh, Ninth, Tenth, Eleventh, and D.C. Circuits.

Walter Ariss is a Water Quality Engineer at Ohio EPA and a Supervisor in the NPDES permitting program. Walter has over 17 years' experience in the Division of Surface Water and in NPDES permitting. He has a B.S. in Chemical Engineering from The Ohio State University, is a registered P.E. in the state of Ohio, and holds a Class III Wastewater operator license.

Shari Barash has been with EPA since 1991 and with the Standards and Health Protection Division since 2004. She is currently the Chief of the National Branch and manages the National Water Quality Standards Program, the National Fish Advisory and Fish Tissue Contaminant Monitoring Programs as well as the National Beach Advisory Program. Shari also has many years of experience in writing industry-specific effluent guidelines regulations. Shari has a Bachelor's of Science in Chemical Engineering from Johns Hopkins University.

Jeff Berckes serves as the TMDL Program Lead for the Iowa Department of Natural Resources. He holds an M.S. in Environmental Science from Oregon State University and an M.B.A. from the University of Iowa. Jeff serves on the Alumni Board of Kinship Conservation Fellows, a foundation focused on improving the environment through market-based tools and environmental economics principles. Jeff led the development of Iowa's TMDL Vision and the state's Nonpoint Source Management Plan. Before the pandemic, he enjoyed traveling and was attempting to run a half marathon in every state.

Radhika Fox is the Acting Assistant Administrator for the U.S. Environmental Protection Agency's Office of Water. The Office of Water works to ensure that drinking water is safe, wastewater is safely returned to the environment, and surface waters are properly managed and

protected. Prior to joining EPA, Radhika served as Chief Executive Officer for the U.S. Water Alliance, Director for policy and government affairs for the San Francisco Public Utilities Commission, and the Federal Policy Director at PolicyLink. Radhika has used her 20+ years of experience to address the most salient water issues facing the nation—including climate change, affordability, equity, governance, innovative finance, and the evolution of the One Water movement. Radhika holds a B.A. from Columbia University and a Masters in City and Regional Planning from the University of California at Berkeley where she was a HUD Community Development Fellow.

Nathan Gardner-Andrews serves as the General Counsel & Chief Advocacy Officer for the National Association of Clean Water Agencies (NACWA) in Washington, D.C., where he has worked since 2006. He is responsible for overseeing all of the Association's litigation and legal activities, as well coordinating and integrating all of NACWA's advocacy initiatives, including the Association's legislative, regulatory, legal, and communications advocacy work. He has written articles and spoken nationally on a wide range of clean water issues. Prior to joining NACWA, Mr. Gardner-Andrews served as a law clerk for the Hon. Michael E. Loney of the Maryland Circuit Court. Mr. Gardner-Andrews is a member of the Maryland and District of Columbia bars. He received his B.A. from Columbia University in 2001 and his J.D. from the University of Maryland School of Law in 2005.

Becky Hammer is the Deputy Director of Federal Water Policy for the Natural Resources Defense Council (NRDC). She advocates for strong federal policies to ensure all communities have access to clean, safe water, including robust regulations, adequate water infrastructure funding, and policies to improve water affordability and equity. Before joining NRDC in 2009, Becky interned at the U.S. Environmental Protection Agency and graduated from Harvard College and Harvard Law School. She is based in Washington, D.C.

James Havard has served as the Chief of EPA's Watershed Branch, within the Office of Wetlands, Oceans, and Watersheds, since 2014. Jim leads the listing of impaired waters and Total Maximum Daily Load national program under the Clean Water Act. The national program works with states, territories, and tribes to identify waters that are not meeting water quality standards for various uses such as swimming, recreation, and aquatic life, and to develop plans to restore and protect the nation's waters. Prior to his position in the Office of Water, Jim worked for over 20 years in EPA's Office of General Counsel, where he served as attorney-advisor, Assistant General Counsel, and Acting Associate General Counsel. In the Office of General Counsel, Jim focused on providing and managing legal advice under the Clean Air Act, Clean Water Act, and numerous other federal environmental laws, and on cross-cutting topics such as Federal Indian Law, the National Environmental Policy Act, the Endangered Species Act, and alternative dispute resolution. Jim holds a J.D. from the University of Michigan Law School, an M.S. in Natural Resources and the Environment from the Michigan School of Natural Resources and Environment, and a B.A. in Political Science and Economics from Union College.

Traci Iott is the Supervisor for the Water Quality Group within the Connecticut Department of Energy and Environmental Protection. In this position, she is responsible for the management of the Water Quality Standards, 303d Program, Ecological Risk Assessment and provides aid to other programs that implement the Water Quality Standards. Traci has a B.S. in Biology and an

M.S. in Zoology, and has conducted research in environmental toxicology. She is waiting out the pandemic in an old house that she and her husband are restoring and looking forward to seeing everyone at a future meeting.

Chris Kloss is the Director of the Water Permits Division in U.S. EPA's Office of Water. He oversees the national NPDES permitting program, which is a key element in EPA's clean water program. The Division also implements voluntary programs related to animal agriculture, green infrastructure, and integrated planning. His responsibilities require collaborating with a broad swath of federal, state, local, industry, and environmental groups.

Deborah G. Nagle has worked in various positions within Water Programs at the U.S. Environmental Protection Agency (EPA) since 1989. Currently, Mrs. Nagle is director of the Office of Science and Technology (OST). In this position she leads a team that develops risk-based water quality criteria as well as standards for toxins, nutrients, and pathogens. She is also responsible for developing national technology-based performance standards to address water pollution from industry. Prior to coming to OST, Mrs. Nagle served as director of the Water Permits Division within the Office of Wastewater Management (OWM), where she was responsible for implementing key components in the National Pollutant Discharge Elimination System (NPDES) program under the Clean Water Act. She oversaw the development of national policy, regulations and training material for such areas as municipal storm water, utility discharges associated with combined sewers and separate sanitary sewers, mining operations and steam electric operations. Mrs. Nagle worked for seven years with the U.S. Army Corps of Engineers. She is a 1982 graduate of the U.S. Military Academy at West Point with a degree in engineering.

Meg Parish is the Permits Section Manager for the Colorado Water Quality Control Division's clean water program. In this capacity, she and her team implement the Clean Water Act and Colorado Water Quality Control Act permitting programs to ground and surface water. Meg has a JD from Georgetown University Law Center in Washington, D.C., and has previously worked as an environmental attorney at the Colorado Attorney General's Office, Earthjustice, the Nuclear Regulatory Commission, and Hogan Lovells LLP. She has fifteen years of experience in environmental law and regulations.

Alan Roberson is Executive Director of the Association of State Drinking Water Administrators (ASDWA). ASDWA's members (the state and territorial drinking water agencies) are co-regulators with the Environmental Protection Agency (EPA). Mr. Roberson has over 27 years of experience in the development of drinking water policy and federal drinking water regulations. He and his staff work closely with EPA and the state and territorial drinking water agencies in the development and implementation of federal drinking water regulations. Mr. Roberson coordinates with his members to establish the policy direction on all federal water regulatory and security and preparedness issues, as well as manage the finances and strategic planning for ASDWA. Mr. Roberson is also on the Board of Directors for Fairfax Water, the largest water system in Virginia, and serves as Treasurer and Chair of the Water Quality & Supply Committee. He has a Bachelor's in Civil Engineering from Georgia Tech and a Master of Science in Civil Engineering from Virginia Tech.

Nicole Rowan is the Clean Water Program Manager for the Water Quality Control Division at the Colorado Department of Public Health and the Environment. She oversees the implementation of the Clean Water Act and the Colorado Water Quality Control Act. The clean water program works with Colorado's Water Quality Control Commission to establish standards for surface water and groundwater and implements the federal and state acts including permitting and enforcement. Prior to working for the State of Colorado, Nicole worked in the private sector, where she managed statewide and regional water quality and water supply planning projects throughout the midwest and western parts of the U.S. Nicole is co-chair of the Association of Clean Water Administrators Nutrients Policy Committee. She is a professional engineer and completed her graduate degree at University of Colorado Denver and her undergraduate degree at University of Nebraska-Lincoln.

Andrew D. Sawyers is the Director of the Office of Wastewater Management at the U.S. Environmental Protection Agency in Washington, D.C. He oversees the National Pollutant Discharge Elimination System (NPDES) program, the Clean Water Act's mechanism for the permitting of municipal and industrial discharge into surface waters of the U.S. As the Director of OWM, Andrew is also responsible for multiple technical and financial assistance tools for the development and maintenance of the country's wastewater infrastructure, including WIFIA, the Clean Water State Revolving Fund (SRF) and EPA's Water Finance Center. He previously worked for the Maryland Water Quality Financing Administration, where he managed the state's Clean Water and Drinking Water SRFs and the Maryland's Chesapeake Bay Restoration Fund. Andrew has a Ph.D. from Johns Hopkins University in Geography and Environmental Engineering.

Ryan Seiger was born and raised in Philadelphia, Pennsylvania. He received his Bachelor of Arts from the University of Pennsylvania in 1993 and his law degree from Catholic University of America in 1998. In 1993, Ryan came to Capitol Hill to work for former Representative Robert A. Borski (D-PA), where he served as Senior Legislative Assistant from 1994 to 1998. In 1998, Ryan briefly worked for the Washington, D.C. law firm of Arnold and Porter, LLC. In 1999, Ryan returned to Capitol Hill to join the Committee on Transportation and Infrastructure as Democratic Counsel for the Subcommittee on Water Resources and Environment. In 2007, he was appointed as Staff Director of the Subcommittee, where he has continued to serve. During his time with the Subcommittee, Ryan was the lead Democratic House negotiator for enactment of several Water Resources Development Acts, the Water Infrastructure Financing and Innovation Act (WIFIA), and several Clean Water Act related laws, including the Great Lakes Legacy Act, EPA regional authority authorizations, and integrated planning. Ryan's areas of expertise covers the Corps' Civil Works authorities, the Clean Water Act, Superfund (including brownfields), and the Oil Pollution Act of 1990. Ryan is married to Danielle Pettine Seiger and has two children, Aidan and Liam.

Tom Stiles is Director of the Bureau of Water (BOW) at Kansas Department of Health and Environment. He has overseen the BOW, administering the Clean Water Act and the Safe Drinking Water Act in Kansas, since May 2019. Prior to that, he was BOW Assistant Director for three years and has been with KDHE since 1998 and Kansas government since 1982. Tom holds a B.S. in Watershed Science from Colorado State University and a M.S. in Forest Hydrology from

the University of Minnesota. He is currently the President of the Association of Clean Water Administrators (ACWA).

Christophe Tulou is Senior Counsel and Policy Director for the U.S. Senate Environment and Public Works Committee Democratic staff. He previously served as Senior Advisor on the Chesapeake Bay to EPA Administrator Gina McCarthy and served for ten years in various capacities in the U.S. House of Representatives, as Cabinet Secretary of the Delaware Environmental and Natural Resources Agency under then-Governor Tom Carper, and as Director of the District Department of the Environment in Washington, D.C. Christophe worked as Executive Director of the Pew Oceans Commission and directed the Resilient Coasts Initiative for the H. John Heinz III Center. He also served as acting director of the Interstate Technology and Regulatory Council, operating under the umbrella of the Environmental Council of the States (ECOS). He was born in Geneva, Switzerland, earned his B.S. in biology at the College of William and Mary, two masters in Zoology and Marine Affairs from the University of Rhode Island, and a law degree from Georgetown University.

Scott Twait is the manager of Illinois Environmental Protection Agency's Water Quality Standards Unit. Scott has been with the Agency for 24 years. Scott graduated from the University of Illinois with Bachelor of Science degree in Civil Engineering.

Tony Willardson was named as Executive Director of the Western States Water Council in July 2009. The Council has served the western states for over 50 years. Formerly the Deputy Director, Tony joined the Council in 1979. He holds a B.A. in Political Science from Brigham Young University and an M.S. in Public Administration from the University of Utah. He is a member of the National Honor Society for Public Affairs and Administration (Pi Alpha Alpha). Tony oversees publication of a weekly newsletter, Western States Water, which he edited for many years. He is the author of numerous articles and reports covering a wide range of water resource issues, including drought, water project financing and cost sharing, ground water management and recharge, water conservation, drought, water use fees, remote sensing of water use and interregional water transfers. Tony is one of the principal authors of the WGA's 2006 Report, Water Needs and Strategies for a Sustainable Future and subsequent 2008 Next Steps Report, as well as the related WSWC 2010 Progress Report. He also was a contributing editor to the WGA's December 2012 Report, Water Transfers in the West: Projects, Trends, and Leading Practices in Voluntary Water Trading. Further, he oversees the Council's Water Data Exchange (WaDE) project which enables states to share data with each other and the public in a more streamlined and cost-effective way.