



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

**Fall Technical Event: Adaption, Innovation and Partnerships
Speaker Biographies
Tuesday December 15, 2020**

Pinar Balci PhD.

Assistant Commissioner, Bureau of Environmental Planning and Analysis New York City Department of Environmental Protection (NYCDEP)

Pinar Balci is the Assistant Commissioner of the Environmental Planning and Analysis at the NYC Department of Environmental Protection. She manages many of DEP's sustainability initiatives, including the NYC Green Infrastructure Program, City-wide MS4 Stormwater Management Program, Demand Management Program, Climate Resiliency and Wetland Restoration. She provides technical and policy support to DEP's CSO Long Term Control Plans and oversees Environmental Impacts Assessments of DEP's capital program. She also leads efforts related to protection of Jamaica Bay and planning for new growth stimulated by rezoning throughout the City.

Prior to joining NYC DEP, Pinar held multiple management positions at the South Florida Water Management District, where she was responsible for planning and providing policy, permitting oversight to an array of Everglades Restoration and Capital Projects.

Dr. Balci has published multiple manuscripts regarding ecosystem restoration and water resource planning in journals and provided peer reviews of manuscripts on behalf of professional journals.

Tom K. Beckett

Senior Vice President, NW Financial



Thomas K. Beckett joined NW Financial in February of 2013. Mr. Beckett brings with him over thirty years of experience navigating the financial, political, regulatory and policy environments surrounding economic development, human services, healthcare, education, non-profit and local government entities. Tom has developed a particular expertise in project financing and strategic consulting involving multiple governmental, private, and non-profit parties. A confident communicator in a variety of media and settings with diverse



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

audiences including community groups, legislators, administrators and boards of trustees, Tom has been an issuer, consultant, financial advisor, verification agent, investment banker, strategic planner and confidant to financial professionals during his career.

Tom has closed over \$10 billion in transactions for over 300 clients including project financings of student housing and auxiliary enterprises, academic medical centers, and research, convention/hospitality and healthcare facilities. While at NW Financial, Mr. Beckett has served as lead advisor on high-profile nonprofit consulting engagements including a \$1 billion acquisition of Albert Einstein College of Medicine by Montefiore Medical Center.

An active volunteer in his community, Tom served as President, Treasurer and board member of the ARC of Chester County. The ARC delivers educational, recreational, advocacy and therapeutic services to disabled children and adults in Chester County, Pennsylvania. The ARC's budget is approximately \$10 million annually. During his tenure as President, Tom led the regular strategic planning process; recruited a new Executive Director; provided leadership during a funding crisis; developed compensation and human resources policies to attract, retain and reward top talent in a revenue-constrained environment; represented the ARC before community groups, lobbying legislators for increased funding, and asking for money from local and regional foundations; recruited industry experts as volunteers for a newly formed audit and compliance committee.

Mr. Beckett served as a founding trustee and Chairman of the Community Trust of Pennsylvania, an organization dedicated to serving the financial needs of the disabled. Trust grew to \$42 million AUM in nine years. During this time, he wrote investment policy; negotiated trust/custody agreements and recruited and supervised two executive directors.

Education

The Pennsylvania State University, University Park, Bachelor of Arts, History

University of Pennsylvania Fels Center of Government, MGA

Temple University School of Business & Management, Adv. studies in corporate finance

Dr. Francoise Chauvin NYCDEP Bureau of Wastewater Treatment

Dr. Françoise Chauvin is the Chief of Laboratory Operations for New York City DEP's Bureau of Wastewater Treatment. Her duties include overseeing the six laboratories that support New York City's 14 wastewater resource recovery facilities and supporting implementation of new projects.

Dr. Chauvin has over thirty years of experience in biochemistry, molecular biology and analytical chemistry, in academia, biotechnology and in environmental laboratories. She



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

previously served in The NELAC Institute's Chemistry Expert Committee, as well as in the Environmental Laboratory Advisory Board (ELAB) for EPA. Dr. Chauvin received her Ph.D. in Biochemistry for the Université Lyon I, France.

Michele Deery

GRP Regional Sales Manager, Riverbend Greenroofs



Michele Deery is the Regional Sales Manager for Delaware, Pennsylvania, and New Jersey. Michele engages with customers to provide expertise and direction on product choices that best fit each unique project. Michele has an Associates Degree in Environmental Technology, a Bachelors Degree in Landscape Architecture, and a Masters Degree in Landscape Architecture with a focus in Ecological Restoration from Temple University.

Delaney Doran

Environmental Engineering, University of Delaware

Jennifer Garigliano

Chief of Staff, Bureau of Water Supply NYCDEP



Jennifer manages the office of the Bureau of Water Supply's Deputy Commissioner ensuring preparation for all daily activities in order to achieve the Bureau's mission of delivering approximately 1.1 billion gallons of high quality drinking water to 9.4 million customers in New York City and upstate communities by developing open lines of communication; facilitating constructive conversations; communicating tasks to appropriate units and tracking all of the Bureau's assigned tasks to completion; and compiling information in order to present/report consistent information.

Jennifer also serves as the Department's technical representative/advisor to the Delaware River Basin Commission (DRBC) and the Federal Delaware River Master, and represents the Department's interest with regard to diversions and releases during interstate negotiations with the 5 parties to the 1954 US. Supreme Court Decree (New Jersey vs. New York). She manages the Bureau's Correspondence and FOIL Request Tracking Systems, and prepares



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

and disseminates official correspondence and letters ensuring timely responses. Jennifer works closely with the Commissioner's Office and the Bureau Strategic Planning Section to develop long term plans and goals for the Bureau and day to day operations.

Ms. Garigliano supervises three staff and serves as an advisor to the Deputy Commissioner on all organizational issues. BS Environmental Engineering, United States Military Academy at West Point, MA Emergency Disaster Management, American Military Academy.

Geoffrey M. Goll

Founding Partner, Princeton Hydro



Geoffrey is a founding partner of Princeton Hydro and brings his extensive expertise in water resource and geotechnical engineering to the firm. He is highly experienced in stream restoration, dam removal, the design of large retaining structures and building foundations and stormwater management systems. His strength in team building and development of consensus among clients and technical team members is his primary focus as managing partner.

Geoffrey has pioneered dam removals for the purposes of fish passage in the State of New Jersey. He was in responsible charge of the first dam removal in the state funded by American Rivers, NOAA, NRCS and the US Fish and Wildlife Service. He also has extensive knowledge of the quantification and analysis of accumulated sediment, and the processes of sediment transport. He has been in responsible charge for the design of over 500,000 cubic yards of dredging projects and over 1,000,000 cubic yards of sediment quantification in lakes and rivers throughout the Mid-Atlantic region.

Katherine Goodwin

Former Global Program Lead, Deloitte & Touche



Katherine has over 20 years of management consulting experience. She's guided clients and stakeholders through strategic business process improvements, global knowledge management programs, and training development and change initiatives. She is known for ability to collaborate across functions and cultures, advise leaders and stakeholders, coach on and offshore resources, build customer relationships and alignments across all organizational levels. She also has a Computer Science Bachelor's from Temple University and an Instructional Design in Education Master's from Penn State University.



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

Susan Harris
Principal, Cerulean, LLC



Susan Harris, Principal Cerulean, LLC., served for over twelve years as Watershed Specialist in County government (2000-2013). Program responsibilities as Watershed Specialist included coordination of the watershed program, reviewing construction plans and permit applications for environmental compliance, website administration, and coordination of education & outreach events. Management and coordination of environmental restoration and protection projects included; grant writing, administering funding, budget and time tracking, project bidding, providing technical assistance to

landowners, and design and implementation of watershed restoration and stormwater management projects.

Cerulean, a certified Women's Business Enterprise (WBE), Women Owned Small Business (WOSB) and Disadvantaged Business Enterprise (DBE), serves government, non-profit, and institutional clients providing environmental planning support and project management services.

Emily Jimenez
Environmental Engineering, University of Delaware

Richard Lawton
Executive Director, New Jersey Sustainable Business Council



As Executive Director of the New Jersey Sustainable Business Council, Richard works with a network of business organizations and companies committed to advancing market solutions and policies to support a vibrant, just and sustainable economy.

Richard has held executive level positions with three Fortune 500 companies and was named by FOLIO magazine as one of the top 40 innovators in the magazine industry. After earning an MBA in Sustainability from Antioch University New England in 2012, Richard became a Governance Fellow with the National Association of Corporate Directors,



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

and founded Triple Ethos, LLC – a sustainability consultancy and Certified B Corp. that helps companies use business as a force for good within a triple bottom line framework: People, Planet, Profit.

Gerald Joseph McAdams Kauffman, Ph.D.
Director, University of Delaware, Water Resources Center
Biden School of Public Policy & Administration



Gerald Kauffman is Director of the University of Delaware Water Resources Center (UDWRC), one of the 54 National Institutes for Water Resources (NIWR) supported by the U.S. Geological Survey at 54 land grant universities in the fifty states, D.C., and three island territories of Guam, Puerto Rico, and U.S. Virgin Islands. The UDWRC is a research center in the Institute for Public Administration in the Biden School of Public Policy & Administration within the College of Arts & Sciences. Dr. Kauffman holds a faculty appointment as Assistant Professor in the Biden School of Public Policy & Administration, Department of Civil and Environmental Engineering, and Geography Department and teaches graduate and undergraduate courses in watershed science and policy, hydrology, and hydraulics.

Gerald serves on the admissions committee of the Interdisciplinary Graduate Program in Water Science and Policy and on the Environmental Academic Affairs Council that oversees undergraduate environmental science/studies majors at the University of Delaware. Jerry has authored dozens of publications including a book on water resources engineering with a colleague from the University of Wyoming and is writing a book about watershed management with John Wiley and Sons, Oxford, U.K.

Jerry holds a doctorate from the University of Delaware College of Earth, Ocean, and Environment with a dissertation in river basin governance and economics, a Master of Public Administration degree with specialization in water policy from the University of Delaware School of Urban Affairs and Public Policy, and a Bachelor of Science degree in Civil and Environmental Engineering with a concentration in water resources engineering from Rutgers University. Gerald served on the boards of the Universities Council on Water Resources (UCOWR), Water Resources Association of the Delaware River Basin (WRADRB) and Partnership for the Delaware Estuary (PDE).

Dr. Kauffman provides water science and policy assistance to governments in Delaware and the Delaware Valley through the land-grant public service, education, and research



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

role of the University of Delaware. Jerry serves as Delaware's first Water Master appointed by the Delaware Water Supply Coordinating Council Act and co-chairs the Christina Basin Clean Water Partnership, an interstate effort between the EPA, Delaware River Basin Commission, Delaware, and Pennsylvania to restore the watershed that provides 60 percent of the First State's drinking water supply.

In 1986 Jerry was Employee of the Year in New Jersey for hydraulic research that prevented \$20 million in water damage to highways. In 1992, he was awarded a national floodplain fellowship from the Association of State Floodplain Managers for design of a greenway in the Flint Creek watershed near Chicago. In 2002 Jerry received a University of Delaware Merit Award for leading a state-wide water supply initiative. In 2004, the Water Resources Association of the Delaware River Basin awarded Jerry the Samuel L. Baxter Memorial Award for contributions in water management as Delaware's first Water Master. In 2009, Jerry received the Conservationist of the Year Award from the Delaware Nature Society for commitment in protecting Delaware's water resources. Jerry lives in Newark, Delaware near the White Clay Creek National Wild and Scenic River.

John McLaughlin

Managing Director, Office of Ecosystem Services, Green Infrastructure and Research NYCDEP

John is a senior advisor on citywide ecosystem restoration and research, green infrastructure implementation, monitoring, and environmental reviews of natural resources for NYCDEP. John has been in the ecological restoration field for over 28-years. Managing a technical staff in the fields of botany, ecology, engineering, green infrastructure, geology and marine biology, he prioritizes natural resources projects and the implementation of innovative ecological restorations and green infrastructure sustainability projects. A particular focus is placed on Jamaica Bay and other sensitive environmental areas of New York City to develop sustainable protective strategies and environmental stewardship initiatives that reduce habitat losses and align local funding opportunities to leverage against federal and state funding sources for improved effectiveness.



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

Cheryl Norton

**President, New Jersey American Water
Senior Vice President, Eastern Division
Chief Environmental Officer, American Water**



Cheryl Norton serves as president of New Jersey American Water. She is the principal external contact for American Water in New Jersey, serving approximately 2.7 million people. In this role, she reinforces and strengthens customer, regulatory and local government relationships and drives operational and financial results for New Jersey. Additionally, she serves as senior vice president of the company's Eastern Division, which is comprised of New Jersey, New York, Virginia and Maryland. In December 2019, it was announced that Norton would also become American Water's Chief

Environmental Officer, overseeing environmental leadership and compliance across American Water's regulated and market-based businesses, effective March 1, 2020.

Norton previously served as president of Missouri American Water for three years, and in the same role for Kentucky American Water for five years. A native of northwestern Missouri near Kansas City and St. Joseph, Norton started her career with American Water in 1988 as a microbiology research technician at the company's central laboratory in Belleville, Ill., which provides services for American Water subsidiaries across the country. From 2000 to 2007, she served as the laboratory's director overseeing companywide chemical compliance testing. In 2007, Norton was appointed Vice President of Operations for Illinois American Water.

Norton serves on the boards of Choose New Jersey, The Cooper Health System, Cooper's Ferry Partnership and the New Jersey Utilities Association. She is a member of AWWA and in 1992, she was recognized by AWWA for the most notable contribution to the science of public water supply development. She was awarded the Professional Service Award from the Illinois Section AWWA in 2006 and was named one of the "Most Influential Businesswomen of 2017" by the St. Louis Business Journal.

Norton received a bachelor's degree in biology and a master's degree in environmental studies from Southern Illinois University at Edwardsville.



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

Brian O'Malley

**Section Chief of Data Management, Watershed Water Quality, BWS Data
Governance Committee Lead**



Brian is a software and database developer who began writing code by accident for the EPA in 1998. Brian first started with the NYC DEP Bureau of Water Supply (BWS) in 2002 as a consultant developing database applications and then in 2007 he joined the Water Quality directorate to implement a Laboratory Information Management System (LIMS) across multiple water testing laboratories. Following deployment of the LIMS system, Brian has taken a role in developing and administering data flows from the various sensor platforms including automated reservoir vertical profiling buoys, stream monitoring stations, and managing the Water Quality SCADA system.

Recently Brian has facilitated the adoption of a Bureau wide Data Governance program and has begun planning and piloting a Bureau cloud data modernization project. Brian is passionate about making things better by collaborating, documenting, and continually transforming to best meet the needs of the Bureau's data users.

Karmyn Pasquariello

Environmental Engineering, University of Delaware

Jady Young Perez

Environmental Engineering, University of Delaware



Sophie Phillips

Energy & Environmental Policy, University of Delaware



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

Eve Quinones Watershed Fellow, Center of Aquatic Sciences



Ivana (Eve) Quinones has been involved with the Center for Aquatic Sciences since 2015 when, as a student at Camden Charter High School, she interned with our Education staff. For the past two years she has worked as the Center's Watershed Fellow, part of the Alliance for Watershed Education of the Delaware River Fellowship Program. Last summer, she was focused on educating Camden residents and Adventure Aquarium visitors about local stormwater issues, impacts and solutions.

This year, because of the coronavirus pandemic, we went virtual. Eve, along with 2 other Camden Watershed Fellows, created Virtually Camden (<https://www.aquaticsciences.org/community/Trails.html>), a collection of online virtual tours, scavenger hunts, fact sheets and other activities designed to encourage Camden residents to get outdoors and discover the natural green spaces right in their neighborhood. She is currently completing her last semester at Stockton University.

Jason Railing Technical Advisor, Water Innovation and Research, NYCDEP Bureau of Water Supply



Jason Railing holds a Bachelor of Arts degree in Biology from Marist College. He began his career with the City of New York Department of Environmental Protection (DEP) as an Assistant Chemist in 2008. Over his 12 years at DEP Mr. Railing has held various positions with responsibilities utilizing data in support of operations and water quality monitoring programs both in New York City's Water Supply watershed and the distribution system.

In his first role, Mr. Railing worked as a chemist in the DEP Kingston Laboratory analyzing samples collected from New York City's Water Supply watershed. During his time in this position, Mr. Railing worked with Water Quality Data Management staff to develop and validate the Bureau of Water Supply's current Laboratory Information Management System (LIMS).



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

Mr. Railing then served in the role of Special Assistant to the Director of Water Quality where he utilized data available from watershed, distribution system, and external sources to create reports for compliance, operational support, and external inquiries. In addition, Mr. Railing served as the point of contact working with Data Management to fulfill internal and external data requests.

Mr. Railing currently serves as a Technical Advisor for DEP's Bureau of Water Supply, a position he has held since September 2018. In this position, Mr. Railing works with a team that focuses on innovation and research providing assistance as needed to the agency. Mr. Railing is an active participant on the Bureau of Water Supply's Data Governance Program committee.

Hayley Rost
Public Administration, University of Delaware

Anna Singer
Intern at the Delaware Water Resources Center





WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

Dr. Sunil Sinha

Professor of Civil and Environmental Engineering and Director of Sustainable Water Infrastructure Management Center of Excellence at Virginia Tech



Dr. Sunil Sinha is a Professor of Civil and Environmental Engineering and Director of Sustainable Water Infrastructure Management Center of Excellence at Virginia Tech. Dr. Sunil Sinha is a National Science Foundation Career Award recipient in the area of sustainable water infrastructure management systems. Dr. Sinha was seed behind “90-minutes” PBS documentary titled “Liquid Assets: The Story of Our Water Infrastructure,” that throws light on a long-buried problem — America’s aging water system. He has given many NPR interviews and featured as a water infrastructure expert in a History Channel documentary titled “The Crumbling of America.”

Kelly Slabicki

Assistant Water Production Supervisor, City of Wilmington



Michael Stanton

Head of Strategy and Communications, Build America Mutual



Mike Stanton is in charge of developing strategy and directing communications for Build America Mutual, the first mutual municipal bond insurer. He joined BAM in 2013 from SourceMedia, where he was Senior Vice President for Capital Markets, managing a group of four major publications, including The Bond Buyer, the company's flagship municipal finance daily newspaper and website. He joined The Bond Buyer as a reporter in



WATER RESOURCES ASSOCIATION OF THE DELAWARE RIVER BASIN

1995 and served in multiple positions with the newspaper and its parent, including Editor-in-Chief and Publisher. He is a graduate of Columbia University and received an MBA from Harvard Business School.

Ira Stern

Deputy Director for Water Innovation and Research (WIR), NYCDEP Bureau of Water Supply



Ira Stern is an environmental planner, manager, and professor specializing in watershed planning and protection, land management and recreation, and regional planning.

Ira currently serves as Deputy Director for Water Innovation and Research (WIR) for the NYCDEP Bureau of Water Supply. His focus is primarily on nature-based solutions, water governance, ecosystem services, environmental planning, and sustainability. The WIR group in DEP explores innovations and opportunities to transfer knowledge to further build the credibility of current water management programs and to identify opportunities to learn, improve and look to the future. The group also serves as in-house consultants and, in this role, Ira is supporting the DEP Delaware River Basin team.

He was a member of the NYC negotiating team that created the NYC Watershed Agreement (1997) and then spent the next 12 years building the watershed programs including Land Acquisition, Stream Management, Watershed Agricultural Council, and the Catskill Watershed Corporation. He has served as Regional Manager for Rondout and Neversink Reservoir Operations (2009-2013) and was most recently Chief of the Natural Resources Division (2013-2019).

He is a professor at Pratt Institute and has a BA in History from Hobart College and a MS in City and Regional Planning from Pratt Institute.