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Professional Experience

Rutgers University faculty member addressing water resources, water infrastructure, environmental policy, and regional environmental management. More than 40 years of public and non-profit sector professional and management experience developing and implementing highly recognized programs in watershed protection, water supply management, water quality pollution control, open space planning, land use management and wastewater management. Many projects have involved wide-ranging cooperative efforts with government, non-profit, for-profit, and public interests, with funding from foundations and government. Frequent public speaker on water and watershed policy, planning and management issues.

Education & Professional Accreditation

Strong educational background in both environment policy and management and the natural and earth sciences, with a specialty in regional environmental management. Licensed NJ professional planner.

- PhD, State University of New York, College of Environmental Science and Forestry in association with Syracuse University, Graduate Program in Environmental Science (Environmental Policy Option)
- BS in Environmental Studies with high honors, Cook College, Rutgers University
- Licensed Professional Planner, State of New Jersey, LI#005637
- College of Fellows, American Institute of Certified Planners
- Certified Public Manager, Rutgers University and the NJ Department of Personnel

Related Activities

Numerous publications, conference presentations, guest lectures at NJ universities. Extensive professional involvement on State advisory boards, and volunteer leadership in non-profit organizations. Current responsibilities include:

- Highlands Water Protection and Planning Council, Governor's appointment. Chair of Audit Evaluation Committee; member of Plan Conformance Committee, Regional Master Plan Amendment Committee, and Highlands Development Credit Bank Board
- Delaware River Basin Commission, Watershed Management Advisory Committee
- Passaic River Coalition, Board of Trustees and Treasurer
- Open Space Institute, Delaware River Water Protection Fund Advisory Committee

Complete Professional Experience

- 2016 to present Affiliated Graduate Faculty in the Department of Landscape Architecture, Rutgers University.
- 2012 to present Professor (2021), Associate Professor (2012-2021) of Professional Practice for Water, Society and Environment, Rutgers University, School of Environmental and Biological Sciences, Department of Human Ecology.
- 2007 to 2012 Senior Director for Planning & Science, Highlands Water Protection and Planning Council (NJ). Responsible for managing staff in the development and implementation of the Highlands Regional Master Plan. Final three months as Acting Deputy and Executive Director.
- 1999 to 2007 Director of Watershed Protection Programs, New Jersey Water Supply Authority. Created source water protection program and subsequent implementation projects.
- 1993 to 1998 Assistant Administrator, Office of Environmental Planning, New Jersey Department of Environmental Protection (NJDEP). Responsible for management of water supply and water quality planning, including ground and surface water quality standards, Statewide Water Supply Plan, wastewater management planning, and watershed management planning program.
- 1986 to 1992 Principal Planner and Environmental Scientist (supervisory positions), NJDEP. Responsible for ground water quality standards, wellhead protection program and ground water strategy.
- 1982 to 1986 Technical Director, Passaic River Coalition. Responsible for ground water research, water supply planning and riverfront parks and restoration projects, among others.
- 1977 to 1978 Assistant Director, Youth Environmental Society. Statewide youth leadership training programs.

Complete Public Service

Boards, Councils and Commissions

- 2020 to present Highlands Water Protection and Planning Council, Governor's appointment
- 2020 to present Princeton Flood and Stormwater Commission
- 2015 to 2020 Jersey Water Works, Steering Committee
- 2014 to 2020 The Watershed Institute, Board of Trustees, 1992-98, 2014-2020
- 2013 to present Passaic River Coalition, Board of Trustees, Treasurer. Chair, Technical Committee
- 2005 to 2020 New Jersey Clean Water Council, Governor's appointment. Vice Chair, 2010-13; Chair, 2014-15.
- 2005 to 2014 South Brunswick Environmental Commission. Vice Chair 2008, Chairman 2009-2012.
- 2001 to 2020 New Jersey Water Supply Advisory Council, Technical Advisor
- 1993 to 1999 State Soil Conservation Committee, NJDEP representative
- 1974 to 1994 Youth Environmental Society, Co-founder, Board of Directors member, Treasurer, President

Advisory Committees

- 2020 to 2025 Delaware River Basin Commission: Watershed Management Advisory Committee
- 2020 to 2021 American Water Works Association: Expert Panel on SDWA Affordability
- 2018 to present New Jersey Future: Lead in Drinking Water Task Force
- 2016 to present Water Research Foundation: Academic Council
- 2016 to present The Nature Conservancy-New Jersey Chapter: Conservancy Council.
- 2016 to 2021 Water Research Foundation, Academic Council
- 2015 to 2018 American Planning Association: Water Working Group
- 2015 to present Sustainable Jersey: Natural Resources Committee, Gold Certification Standards Committee
- 2015 to 2017 Delaware Valley Regional Planning Commission: Municipal Technical Assistance Advisory Panel
- 2015 to 2016 River Network: Delaware River Basin Policy Advisory Group
- 2015 to 2016 American Society of Civil Engineers-NJ Chapter: Water Supply and Wastewater Infrastructure Evaluation for the NJ Scorecard Project
- 2014 to present Open Space Institute: Delaware River Water Protection Fund Advisory Committee
- 2014 to 2015 Academy of Natural Science (Drexel University): Delaware River Watershed Initiative, Research Agenda Development Committee
- 2002 to 2005 Hunterdon County Environmental Toolbox Committee, Water Resources Chair.

Research Grants and Professional Practice Contracts (Ongoing)

- 2022 to 2023 Principal Investigator. 2022 New Jersey Statewide Water Supply Plan. Contract: \$199,915.
- 2022 to 2023 Co-Principal Investigator (with John Tchen and others). Aligning upstream and downstream: increasing equity in watershed management with and for underrepresented communities. National Science Foundation Award Number (FAIN): 2115367. Grant \$150,000.
- 2021 to 2023 Co-Principal Investigator (with Karen O'Neill). Estimating Public Investments for the Delaware River Watershed: Phase 2. William Penn Foundation. Contract \$313,266.
- 2014 to present Principal Investigator. Jersey Water Works Project. New Jersey Future. Water infrastructure metrics and management, household affordability for water utilities, etc.

Research Grants and Professional Practice Contracts (Completed)

- 2020 to 2021 Co-Principal Investigator (with Karen O'Neill). Estimating Public Investments for the Delaware River Watershed: Phase 1. William Penn Foundation. Contract \$175,002.
- 2020 Consultant and Advisory Panel Member. Developing Progress Metrics related to the William Penn Foundation's Stream Designation Goal. Center for Watershed Protection.
- 2020 Principal Investigator. Rockland Water Coalition. Recommendations for Water Supply Conservation and Efficiency Requirements in New York State. Contract \$2,000.
- 2017 to 2018 Associate Investigator. The Land Conservancy of New Jersey: Warren County Open Space Plan Update-Water Resources Criteria. Contract \$5,000.
- 2017 Principal Investigator. County of Rockland, New York. Preliminary Assessment of Critical Issues in Rockland County Watersheds. Contract \$25,000
- 2016 Principal Investigator. Rockland Water Coalition. Evaluation of the Suez Water-New York, Rockland County Water Supply. Contract \$5,000.
- 2015 to 2016 Principal Investigator. New Jersey Climate Adaptation Alliance. Water Supply Policy Options to Address Climate Change. Contract \$8,100.
- 2015 to 2016 Associate Investigator. The Land Conservancy of New Jersey: Sussex County Open Space Plan Update-Water Resources Criteria. Contract \$5,000.
- 2015 American Littoral Society. Evaluation of Policy Options for New Jersey Coastal Management Program Regarding Aquifer Recharge, Wetlands and Wastewater Management. Contract \$3,400.
- 2014 to 2017 Principal Investigator. New Jersey Water Needs through 2040: Evaluation of Population and Water Use Rate Scenarios. New Jersey Department of Environmental Protection. Contract \$66,958.
- 2013 to 2014 Principal Investigator. Evaluating the Importance of Upgrading New Jersey's Urban Water Systems (Geraldine R. Dodge Foundation grant) and Pinelands Growth Area Water Assessment (William Penn Foundation grant). New Jersey Future. Contract \$41,100 (July 2013 – June 2014).
- 2013 Principal Investigator. Stakeholder Engagement Report: Water Resources Sector: Climate Change Preparedness in New Jersey. New Jersey Climate Adaptation Alliance, through the Climate Institute at Rutgers University. Contract: \$6,750 (March-October 2013)
- 2013 Principal Investigator. Sustainable Jersey/STAR Communities Comparative Evaluation and Sustainability White Papers. Sustainability Institute at The College of New Jersey. Contract \$11,064 (January-May 2013).
- 2012 Principal Investigator. Sustainability Briefing Papers for the North Jersey Sustainable Communities Consortium (Together North Jersey). Sustainability Institute at The College of New Jersey, through the Voorhees Transportation Center, Rutgers University. (September – December 2012).
- 2012 Principal Investigator. Methodology and Baseline Assessment Topic Report for Water Resources in Northern New Jersey. New Jersey Future. Contract \$7,500 (July 2012 – June 2013).

Publications, Papers and Video Productions

- 2022 “Assessing statewide water utility affordability at the census tract scale”. Co-authors: Tim Evans and Kimberley Irby. AWWA Water Science, <http://doi.org/10.1002/aws2.1287>
- 2021 A New Jersey Affordability Methodology and Assessment for Drinking Water and Sewer Utility Costs. Co-authors: Tim Evans and Kimberley Irby. New Jersey Future. <https://www.jerseywaterworks.org/resource/a-new-jersey-affordability-methodology-and-assessment-for-drinking-water-and-sewer-utility-costs/>
- 2021 Estimating Public Investments in Landscape Preservation and Water Quality Best Management Practices in the Delaware River Basin. Co-authors: K.M. O'Neill, S.J. Malone, K. Keys and A. Parker. Rutgers-The State University of New Jersey for the William Penn Foundation. <https://williampennfoundation.org/what-we-are-learning/estimating-public-investments-landscape-preservation-and-water-quality-best>
- 2020 Recommendations for Water Supply Conservation and Efficiency Requirements in New York State. Rockland Water Coalition. <https://www.danvanabs.com/recent-projects.html>
- 2020 A New Jersey Assessment Methodology for Water and Sewer Utility Costs: A White Paper for Jersey Water Works. New Jersey Future.
- 2020 Assessing the Affordability of Water and Sewer Utility Costs in New Jersey: Phase 2 Report: Conceptual Issues for a New Jersey Affordability Assessment Methodology. New Jersey Future.
- 2019 “Stormwater Utilities In New Jersey: Coming to a Town Near You?” NJ Municipalities, May 2019. New Jersey League of Municipalities, Trenton, NJ.
- 2019 Latham, R.E., L. Craig, D.J. Van Abs. “Land Stewardship and Freshwater Outcomes: An Overview of Practice and Results.” *Natural Areas Journal*, Volume 39(1), pp. 6-21.
- 2018 Assessing the Affordability of Water and Sewer Utility Costs in New Jersey: Phase 1 Report: Methodology Review and Preliminary Assessment. Co-author: Tim Evans. New Jersey Future. <https://www.jerseywaterworks.org/wp-content/uploads/2018/09/Van-Abs-and-Evans-2018.09.26-Phase-1-Assessing-Water-Sewer-Utility-Costs-2.pdf>
- 2018 “Utilities at the Crossroads.” NJ Municipalities, February 2018. New Jersey League of Municipalities, Trenton, NJ.
- 2018 Water Needs through 2040 for New Jersey Public Community Water Supply Systems. Rutgers University, New Brunswick, NJ. Co-authors: Jiayi Ding and Eric Pierson. <https://www.danvanabs.com/recent-projects.html>
- 2017 Preliminary Assessment of the Ramapo and Hackensack Watersheds in Rockland and Orange Counties. Rutgers University, New Brunswick, NJ. Co-authors: Jennifer Ryan and Mukta Ramola. <https://www.danvanabs.com/recent-projects.html>
- 2017 “Appendix A: Recommendations for Improved Comprehensive Plan Guidance for Water Resources Planning.” In Cesanek, William, Vicki Elmer and Jennifer Graeff. Planners and Water, PAS Report 588. American Planning Association, Chicago, IL.
- 2016 Protection of Ecological Resources: Practice and Case Studies in the New York Metropolitan Area. Prepared for the Wuhan Planning and Design Institute, Wuhan, Hubei Province, China, through the New Jersey Institute of Technology.
- 2016 Climate Change Adaptation in the Water Supply Sector. Prepared for the New Jersey Climate Adaptation Alliance, New Brunswick, NJ. Available from: <http://njadapt.rutgers.edu/>
- 2016 Evaluation of the Suez Water-New York, Rockland County Water Supply. Prepared for the Rockland Water Coalition, NY. <https://www.danvanabs.com/recent-projects.html>
- 2016 Karen O'Neill and Daniel Van Abs (editors). Van Abs, Chapter 12: “Water Utilities: Storm Preparedness and Restoration.” Taking Chances: The Coast after Hurricane Sandy. Rutgers

- University Press. Available from: <https://www.rutgersuniversitypress.org/taking-chances/9780813573793>
- 2016 "A Flood of Choices: Considering Privatization of Water Utilities." NJ Municipalities Magazine. New Jersey State League of Municipalities, February 2016, pp. 22-26. (Reprinted with permission in Renewable Resources Journal, 2017, 30:3, pp. 10-12, <https://rnrf.org/wp-content/uploads/2020/01/RRJV30N3.pdf>)
- 2015 "Can We Depend on Our Water Infrastructure." With Christine Sturm. NJ Municipalities Magazine. New Jersey State League of Municipalities, February 2015, pp. 66-68.
- 2015 A River for the People: A Public Access Plan for the Lower Passaic River. Passaic River Coalition, Morristown, NJ. Co-authors: Yuling Gao, Jiayi Ding and Samantha Saydak. <https://passaicriver.org/ariverforthepeople2015-webcopy/>
- 2014 "Water Systems to be Major Challenge in Years Ahead." Estuary News, Volume 24, Issue 4, Summer 2014. Partnership for the Delaware Estuary. Available from: <https://s3.amazonaws.com/delawareestuary/pdf/EstuaryNews/2014/SummerNews14.pdf>
- 2014 Effects of Land Development on Water Resources of the Pinelands Region. With Oliver Stringham, Yuling Gao and Tim Evans. Prepared for New Jersey Future. Rutgers-The State University of New Jersey. New Brunswick, NJ. Available from: www.njfuture.org/research-publications/research-reports/growing-smart-water-wise/
- 2014 Water Infrastructure in New Jersey's CSO Cities: Elevating the Importance of Upgrading New Jersey's Urban Water Systems. With Alexander McClean, Ioanna Tsoulou, Yuling Gao and Tim Evans. A Report for New Jersey Future. Rutgers-The State University of New Jersey. New Brunswick, NJ. Available from: www.njfuture.org/2014/05/06/new-report-water-infrastructure/
- 2014 "Hydrologically Sensitive Areas, Land Use Controls and Protection of Healthy Watersheds." Qiu, Zeyuan; Christine Hall; Donna Drewes; Grace Messinger; Tony Prato; Kathy Hale; Dan Van Abs. Journal of Water Resources Planning and Management. Ms. No. WRENG-1122R2
- 2013 Water Resources Baseline Assessment Report. Prepared for New Jersey Future on behalf of the North Jersey Sustainable Communities Consortium. Trenton, NJ. Available from: http://togethernorthjersey.com/?page_id=19971
- 2011 "Chapter 5: Water Supply Resources" in The Highlands: Treasured Landscapes, Critical Resources. Richard Lathrop, Jr., editor. Rutgers University Press.
- 2011 "New Recommendations for Water Utility Asset Management and Accounting" with Jessica Rittler Sanchez. Pipeline, Winter 2011. American Water Works Association, New Jersey Chapter.
- 2011 "Protecting Our Water Infrastructure: Will We Manage for Success or Run to Failure?" New Jersey Municipalities Magazine, February 2011. New Jersey State League of Municipalities.
- 2006-08 Highlands Regional Master Plan. Editing, co-author and staff manager for Regional Master Plan, Policy Guidance Documents and Technical Reports. New Jersey Highlands Council, Chester, NJ. www.highlands.state.nj.us/njhighlands/master/index.html
- 2006 "Raritan Basin Targeted Watersheds Grant: Creating the Basis for Successful Implementation," in Watershed Update Vol.4, No. 2, American Water Resources Association Hydrology and Watershed Management Technical Committee, www.awra.org/committees/techcom/watershed/watershed.html
- 2005 Preservation of Critical Areas in the Manasquan River Watershed. (with Y. Zhen), NJ Water Supply Authority, Clinton, NJ. Available from: <https://www.raritanbasin.org/s/manasquanCriticalArea.pdf>
- 2005 Peifer, David, Donald Einhorn and Daniel J. Van Abs. Municipal Master Plan Guidance and Model Municipal Environmental Ordinances: Abstracts. New Jersey Water Supply Authority, Clinton, NJ.
- 2004 "The Highlands Rediscovered," featured interview. New Jersey Network. Available from: <http://aptonline.org/catalog.nsf/vLinkTitle/HIGHLANDS+REDISCOVERED+THE>.

- 2004 "Raritan Basin Targeted Watersheds Grant: Update on the First Year," in Watershed Update Vol. 2, No. 2, American Water Resources Association Hydrology and Watershed Management Technical Committee, www.awra.org/committees/techcom/watershed/watershed.html
- 2003 "Raritan Basin Watershed Management Project (New Jersey)," in Regional Update, American Water Resources Association Hydrology and Watershed Management Technical Committee
- 2003 Raritan Basin Watershed Management Plan. Co-author and project manager, NJ Water Supply Authority, Clinton, NJ. Available from: www.raritanbasin.org
- 2002 Preservation of Critical Areas in the Spruce Run Reservoir Watersheds: A Report of the Spruce Run Initiative (with T. Stanuikynas). NJ Water Supply Authority. Available from: www.raritanbasin.org
- 2000 Water Budget in the Raritan Basin: A Technical Report for the Raritan Basin Watershed Management Project (with T. Stanuikynas). NJ Water Supply Authority. Available from: www.raritanbasin.org/reports
- 2000 Water Supply Availability in the Raritan Basin: A Technical Report for the Raritan Basin Watershed Management Project (w T. Stanuikynas). NJ Water Supply Authority. Available from: www.raritanbasin.org/reports
- 1997 Water Quality Management Planning Rules, N.J.A.C. 7:15-6 (303d List) and 7 (TMDLs). New Jersey Department of Environmental Protection, Trenton, NJ.
- 1996 Water For The 21st Century: The Vital Resource: New Jersey Statewide Water Supply Plan. Co-author, co-editor and project manager. New Jersey Department of Environmental Protection.
- 1993 Ground Water Quality Standards, N.J.A.C. 7:9-6. New Jersey Department of Environmental Protection.
- 1992 "Critical public issues for well head protection." In Water Resources Planning and Management: Saving a Threatened Resource - In Search of Solutions, Proceedings of the Water Resources Sessions at Water Forum (pp. 274-279). ASCE.
- 1991 Well Head Protection Program Plan. New Jersey Department of Environmental Protection.
- 1990 "Principles of a Ground Water Strategy" (with W. Whipple). Journal of Water Resources Mgt & Planning, Vol. 116, No.4, July/August. ASCE.
- 1989 "Principles of a Ground Water Strategy." (With W. Whipple.) Conference paper for the American Society of Civil Engineers, 1989 Water Resources Planning and Management Division Specialty Conference, Sacramento, California, May 20.
- 1989 A Ground Water Strategy for New Jersey (with W. Whipple). New Jersey Department of Environmental Protection.
- 1986 Buried Valley Aquifer Systems: Resources and Contamination. Passaic River Coalition, Basking Ridge, NJ.
- 1985 Regional Environmental Management in the Pinelands National Reserve. Doctoral dissertation. SUNY-ESF, Syracuse, NY.
- 1984 The Raritan-Passaic Pipeline: Analysis and Recommendations. Passaic River Coalition
- 1984 Preliminary Debris Survey: Lower Passaic River. Passaic River Coalition
- 1983 The Hydrogeology of the Buried Valley Aquifer System. Passaic River Coalition
- 1984 Passaic River Restoration Master Plan for East Rutherford and Wallington. Passaic River Coalition
- 1978 New Jersey Environmental Directory, 1978-79. Editor. Youth Environmental Society. Cranbury, NJ.

Peer Reviews

- 2021 Patterson, L. and Doyle, M.W. 2021. "Measuring water affordability and the financial capability of utilities." (Published 2021) AWWA Water Science, DOI: 10.1002/aws2.1260.
- 2021 Legal Extension Strategies to Increase Awareness of Drinking Water Contaminant Regulatory Framework. Journal of Contemporary Water Research and Education
- 2021 "Evaluating the ecological and economic benefits of upgrading wastewater treatment to improve freshwater biodiversity and ecosystem services." External reviewer for the 2020/2021 joint BiodivERsA and the Water JPI call for proposals on "Conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems".
- 2021 "Engaging the public in water policy: Do political affiliation and ideology matter?" Journal of Contemporary Water Research and Education
- 2019 "The Water Shutoff Crisis in Older American Cities: Causes, Extent, and Remedies." Journal of Planning Education and Research. (Final decision: rejected)
- 2018 "Assessing the Preparedness of Water Resource Planners to Local Level Climate Change". Journal of Contemporary Water Research and Education (Final decision: rejected)
- 2018 National Academies, Committee on Future Water Resource Needs for the Nation: Water Science and Research at the U.S. Geological Survey. Future Water Priorities for the Nation: Directions for the U.S. Geological Survey Water Mission Area. (Published)
- 2018 Bell, Colin D., Katie M. Spahr, Emily A. Grubert, Jennifer Stokes-Draut. "Decision-making on the grey-green stormwater infrastructure continuum". Journal of Sustainable Water in the Built Environment. (Published 2019). DOI: 10.1061/JSWBAY.0000871
- 2018 Yu Xiao, Kai Wu, Donovan Finn, Divya Chandrasekhar. 2018. "Community Businesses as Social Units in Post-Disaster Recovery". Journal of Planning Education and Research. <https://doi.org/10.1177/0739456X18804328>
- 2017 "Assessing the Effects of Land Use Intensity on Stream Integrity: A Hydrologically Sensitive Area Perspective". Water Resources Research (AGU). (Final decision: rejected)
- 2016 McCarthy, Dan, Graham Whitelaw... Frances Westley. 2018. "The Conservation Authorities of Ontario, Canada as a Social Innovation: Applying the Vision as Social Construction Model for Describing Social Innovations". (Revised review 2017 for AMBIO.) Published in The Innovation Journal: The Public Sector Innovation Journal, Volume 23(1).
- 2015 "Effectiveness of Rain Gardens for Managing Non-Point Source Pollution from Urban Surface Storm Water Runoff". Journal of Water. (Final decision: rejected)
- 2015 Hui Xie, Lei Chen, Zhenyao Shen. "Assessment of agricultural best management practices using 7 models: current issues and future perspectives". Journal of Water. (Published 2015.03.12)

Solicited Opinion Articles

- 2022 Opinion: Why the East needs the West to have enough water. NJ Spotlight, 13 January 2022. <https://www.njspotlightnews.org/2022/01/daniel-j-van-abs-drought-wests-water-woes-matter-east-coast-mandatory-reductions/>
- 2018 Opinion: Major Investments, Far Better Planning Needed to Clean Up Water in NJ. NJ Spotlight, 19 November 2018. <https://www.njspotlight.com/stories/18/11/18/opinion-major-investments-far-better-planning-needed-to-clean-up-water-in-nj/>
- 2018 Opinion: NJ Shouldn't Wait for Federal Funds Before Reducing Flood Damages. NJ Spotlight, 16 October 2018. <https://www.njspotlight.com/stories/18/10/15/opinion-nj-shouldnt-hold-out-for-federal-funds-before-reducing-flood-damages/>
- 2018 Opinion: Few Municipalities in NJ Will Create Stormwater Utilities, But Some Should. NJ Spotlight, 13 August 2018. <http://www.njspotlight.com/stories/18/08/12/opinion-few-nj-municipalities-will-create-stormwater-utilities-but-some-should/>
- 2018 Opinion: How Much Water Do We Waste — And Who Are 'We'? NJ Spotlight, 21 February 2018. <http://www.njspotlight.com/stories/18/02/20/opinion-how-much-water-do-we-waste-and-who-is-we/>
- 2018 Opinion: NJ's Water Needs Could Decrease, Despite 10.4M Residents by 2040. NJ Spotlight, 01 February 2018, <http://www.njspotlight.com/stories/18/01/31/opinion-nj-s-water-needs-could-decrease-despite-10-4m-residents-by-2040/>
- 2017 Opinion: The Time is Now for Drinking Water Utilities to Improve Their Systems. NJ Spotlight, 07 September 2017. <http://www.njspotlight.com/stories/17/09/06/the-time-is-now-for-drinking-water-utilities-to-improve-their-systems/>
- 2017 Opinion: Cleaning up Urban Waters — Focus Where the People Are. NJ Spotlight, 11 July 2017. <http://www.njspotlight.com/stories/17/07/10/opinion-cleaning-up-urban-waters-focus-where-the-people-are/>
- 2017 Opinion: NJ Needs a Better Approach to Water Supply Planning. NJ Spotlight, 1 June 2017, <http://www.njspotlight.com/stories/17/05/31/new-jersey-needs-a-better-approach-to-water-supply-planning/#> (Reprinted in ANJEC Report, pp. 24-26, Summer 2017).
- 2017 Opinion: Water is Priceless and That Is a Problem. NJ Spotlight, 24 April 2017, <http://www.njspotlight.com/stories/17/04/23/opinion-water-is-priceless-and-that-is-a-problem/>
- 2017 Opinion: Welcome to the Brave New World of Stormwater. NJ Spotlight, 27 March 2017. <http://www.njspotlight.com/stories/17/03/26/opinion-welcome-to-the-brave-new-world-of-stormwater/>
- 2017 Opinion: Anticipating the 2018 Statewide Water Supply Plan. NJ Spotlight, 7 February 2017. <http://www.njspotlight.com/stories/17/02/06/opinion-anticipating-the-2018-statewide-water-supply-plan/>
- 2016 Opinion: NJ Needs a Better Approach to Affordable Water and Sewer Utilities. NJ Spotlight, 30 September 2016. <http://www.njspotlight.com/stories/16/09/29/opinion-nj-needs-a-better-approach-to-affordable-water-and-sewer-utilities/#>
- 2016 Opinion: It's Past Time for Comprehensive Approach to Protect Children from Lead. NJ Spotlight, 16 August 2016. <http://www.njspotlight.com/stories/16/08/15/opinion-it-s-past-time-for-a-comprehensive-approach-to-protecting-children-from-lead-poisoning/>
- 2016 Opinion: Those Who Plan for Growth Should Plan for Water Services. NJ Spotlight, 7 July. <http://www.njspotlight.com/stories/16/07/06/opinion-those-who-plan-for-growth-should-plan-for-water-services/>
- 2016 Opinion: Learning to Live with Our Addiction to Hazardous Sites by Water. NJ Spotlight, 3 May. <http://www.njspotlight.com/stories/16/05/02/opinion-learning-to-live-with-our-addiction-to-hazardous-locations-by-water/#>

- 2016 Opinion: When Water Utilities Are Sold, the Customers Should Benefit. NJ Spotlight, 15 March. <http://www.njspotlight.com/stories/16/03/14/opinion-when-water-utilities-are-sold-it-s-the-customers-who-should-benefit/#>
- 2016 Opinion: Let Flint Strike Sparks to Address Water Supply Problems in NJ. NJ Spotlight, 8 February. <http://www.njspotlight.com/stories/16/02/07/opinion-let-flint-strike-sparks-to-address-water-supply-problems-in-nj/>
- 2016 Opinion: Thinking Smaller for more Effective Flood Protection. NJ Spotlight, January 22. <http://www.njspotlight.com/stories/16/01/21/opinion-thinking-smaller-for-effective-flood-protection-in-the-garden-state/>
- 2015 Opinion: Find the Nine Million Water Polluters in NJ. NJ Spotlight, October 9. <https://www.njspotlight.com/stories/15/10/08/opinion-find-the-nine-million-water-polluters-in-nj-hint-it-s-not-industry/>
- 2015 Opinion: Require Water Utilities to Spend More Now So They Will Cost Less Later. NJ Spotlight, September 3. www.njspotlight.com/stories/15/09/02/opinion-nj-should-require-water-utilities-to-spend-more-now-so-they-will-cost-less-later/
- 2015 Opinion: Why are Municipal Water Utilities Not Up for Mergers and Acquisitions? NJ Spotlight, August 10. www.njspotlight.com/stories/15/08/10/opinion-why-are-municipal-water-utilities-not-up-for-mergers-and-acquisitions/#
- 2015 Opinion: Will the Garden State Be Ready When the Next Drought Arrives? NJ Spotlight, July 7. www.njspotlight.com/stories/15/07/06/opinion-will-the-garden-state-be-ready-when-the-next-drought-arrives/
- 2015 Opinion: Is Water Supply a Commodity, a Service or a Right? NJ Spotlight, May 22. www.njspotlight.com/stories/15/05/21/opinion-is-water-supply-a-commodity-a-service-or-a-right/
- 2015 Opinion: Steering Clear of the 2 Percent Trap for Water Utilities. NJ Spotlight, April 22. www.njspotlight.com/stories/15/04/21/opinion-steering-clear-of-the-2-percent-trap-for-water-utilities/
- 2015 Opinion: The Clock is Ticking for New Jersey to Control Combined Sewer Overflows. NJ Spotlight, March 19, www.njspotlight.com/stories/15/03/19/opinion-the-clock-is-ticking-for-new-jersey-to-control-combined-sewer-overflows/
- 2015 Opinion: Do Our Urban Water Systems Have What It Takes to Handle Rapid Growth? NJ Spotlight, February 11, www.njspotlight.com/stories/15/02/10/opinion-do-our-urban-water-systems-have-what-it-takes-to-handle-rapid-growth/#
- 2014 “Opinion: We Just Can’t Afford the Price We’ll Pay for State’s Cheap Water.” NJ Spotlight, December 10, www.njspotlight.com/stories/14/12/09/opinion-why-we-in-new-jersey-can-t-afford-our-cheap-water/
- 2014 “Analysis: Are We Truly Serious About Improving New Jersey’s Water Quality?” NJ Spotlight, November 14, www.njspotlight.com/stories/14/11/13/analysis-are-we-truly-serious-about-improving-new-jersey-s-water-quality/ (2015 First Place Award for On-line Commentary, NJ Chapter of the Society of Professional Journalists)

News and Media Interviews

- 2022 Top of Mind, with Julie Rose. Why We Take Water for Granted – But Really Shouldn't (Series 2 Episode 30). Featured podcast interview. Brigham Young University Radio, Utah. <https://www.byuradio.org/cfeb6763-3605-4e83-9ff3-fd4fb1bc4349>
- 2022 Hurdle, Jon. On water, NJ faces a confluence of challenges. 2022.08.27 NJ Spotlight, <https://www.njspotlightnews.org/2022/08/nj-water-challenges-drought-watch-boil-water-advisories-water-main-break-industrial-pollutants/>
- 2022 NJ Spotlight. Opening remarks for 2022.01.20 roundtable discussion on "Storm Flooding in New Jersey: Improving Stormwater Management & Preparedness". Reported in Johnson, Tom, 2022.01.25, How will NJ manage stormwater as climate changes, flooding increases? <https://www.njspotlightnews.org/2022/01/nj-spotlight-news-roundtable-improving-stormwater-infrastructure-tropical-storm-ida-billions/>. Q&A responses are available at: <https://www.njspotlightnews.org/2022/02/nj-stormwater-challenges-flooding-infrastructure-roundtable-follow-up-questions-answers/>
- 2021 Cruz, David. Who will end up paying to fix Jersey City's water system? 2021.10.09. NJ Spotlight News (video). <https://watch.njtvonline.org/video/jc-sewer-system-1639076003/>
- 2021 Cooper, Melissa Rose. Boil-water advisory still in effect for parts of Passaic County. 2021.09.16. NJ Spotlight News (video). <https://www.njspotlight.com/video/boil-water-advisory-still-in-effect-for-parts-of-passaic-county/>
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- 2018 Etsey, Joyce. "Meeting Water Needs." News Director, WRNJ Radio Inc. February 1.
- 2017 Ryavec, Carole. "Water Bucks - The Atlantic City Story." Carmic Productions. Premiere at the 10th Annual Atlantic City Cinefest. October 13 to October 15, 2017.
- 2017 Cruz, David. "Environmental Professor: State's New Water Supply Plan Short-Sighted." May 5, NJTV News. <http://www.njtvonline.org/news/video/environmental-professor-states-new-water-supply-plan-short-sighted/>
- 2017 Hill, Michael. "Advocates Have Given Up on Christie Administration Updating Water Supply Plan." February 9, NJTV News. <http://www.njtvonline.org/news/video/advocates-given-christie-administration-updating-water-supply-plan/>
- 2016 Mooney, John. "State at Beginning of Long Struggle to Purify Drinking Water in NJ Schools." April 4. NJ Spotlight. <http://www.njspotlight.com/stories/16/04/03/state-at-start-of-long-struggle-to-purify-drinking-water-in-nj-schools/>
- 2016 Johnson, Tom. "Greatest Danger Facing NJ's Water Infrastructure: The Unknown." April 4. NJ Spotlight. <http://www.njspotlight.com/stories/16/04/03/greatest-dangers-facing-nj-s-water-infrastructure-the-unknown/#>
- 2016 Hurdle, Jon. "Tests on Fish Raise New Concerns About Estrogen Levels in Drinking Water." February 9. NJ Spotlight. <http://www.njspotlight.com/stories/16/02/08/tests-on-fish-raise-new-concerns-on-estrogen-contamination-of-drinking-water/#>
- 2016 Flanagan, Brenda. "NJ Lawmakers Plan to Reintroduce Bill to Repair Water Infrastructure." NJTV interview, 8 February. <http://www.njtvonline.org/news/video/nj-lawmakers-plan-to-reintroduce-bill-to-repair-water-infrastructure/>

- 2016 McWhirter Cameron and Kris Maher. "Flint Water Crisis Shines Light on Lead Pipes Across U.S." Wall Street Journal. January 28. <http://www.wsj.com/articles/flint-water-crisis-shines-light-on-lead-pipes-crisscrossing-the-u-s-1453977180>
- 2014 "Expert Warns NJ Must Move Quickly to Repair, Upgrade Its Aging Water Systems: Crumbling infrastructure poses threat to state's entire economy, says Rutgers researcher professor." NJTV, December 15, <http://www.njtvonline.org/news/video/rutgers-research-professor-state-needs-to-invest-in-infrastructure/>
- 2014 "Rutgers Researcher: Could Cost NJ Up to \$9 Billion to Fix Water Infrastructure." NJTV, May 16, www.njtvonline.org/news/video/rutgers-researcher-could-cost-nj-4-to-9-billion-to-fix-water-infrastuctures/

Conference and Invited Presentations

- 2023 "The Pinelands and the Highlands: Protecting Water Resources Through Regional Land Use Management in New Jersey." American Water Resources Association Summer Specialty Conference: Connecting Land & Water for Healthy Communities, Denver, CO, July 17
- 2023 "Opportunities in Affordability" with Lawrence Levine. New Jersey Water Environment Association, Annual Conference, Atlantic City, NJ, May 9.
- 2023 Invited Panelist. "Municipal Stormwater Utilities: Options and Cautions." In Stormwater Utility: How Does a Municipality Get Started? Institute for Professional Development Webinar, February 22.
- 2023 Invited Panelist. "Lessons Learned: Watershed Planning and Management." In 2023 Annual Watershed Conference. The Watershed Institute, Pennington, NJ, February 10.
- 2022 Invited Panelist. "Tackling the Next Half Century of Water Challenges." William Penn Foundation and The Academy of Natural Sciences at Drexel University, Philadelphia, November 9.
- 2022 "Stormwater Mitigation: Planning for the Plan." The Watershed Institute and NJ Chapter of the American Water Resources Association, Stormwater Mitigation Plan Webinar, February 4.
- 2021 "Water Utility Services: Understanding Tensions Between Viability and Affordability." Doctoral Program in Environmental Science & Management and MSU Sustainability Seminar Series. Montclair State University, December 6.
- 2021 "A New Jersey Affordability Methodology and Assessment for Drinking Water and Sewer Utility Costs." American Water Resources Association, National Conference, November 9.
- 2021 "How to Protect Our Water Resources in the Face of Climate Change." Invited presentation to the New York State Association of Conservation Commissions Annual Conference, October 22.
- 2021 "Understanding Government Expenditures to Protect and Restore Water Quality in the Delaware River Basin." With K.M. O'Neil. American Water Resources Association, Mid-Atlantic Conference, September 22
- 2021 "A New Jersey Affordability Methodology and Assessment for Drinking Water and Sewer Utility Costs." Universities Coalition of Water Resources, Annual Conference, June 8.
- 2021 Invited Testimony to the New Jersey Special Committee on Infrastructure and Natural Resources. February 22. Trenton, NJ.
- 2019 "Land Resources Management in the United States". December 6. Presentation to a delegation from Guizhou Provincial Department of Natural Resources, China.
- 2019 "The Evolution of Water Governance in the USA and New Jersey." November 21. Presentation to a delegation from Guizhou Provincial Bureau of Hydrology and Water Resources, China.
- 2019 "Determining the Need – Do It Right or Don't Do It." October 7. NJ Water Environment Association Technical Seminar, Session on "Creating Stormwater Utilities In New Jersey"
- 2019 "Damage First, Restore Second: The Evolution of Water Governance in the USA and New Jersey. September 26. Presentation to a delegation from Harbin City (capital of Heilongjiang Province), China.
- 2019 "Water Quality Accountability Act and Related Issues". Invited Testimony to the Testimony to the New Jersey Senate Committee on Community and Urban Affairs, September 25, Trenton, NJ.
- 2019 Keynote address "Understanding Future Stresses on Our Waters." March 30. Northwestern New Jersey Rivers Conference, Centenary College.
- 2019 "Navigating the Water Quality Accountability Act in Your Planning Efforts" and "The Future of State Planning". January 24-25. Panelist. Annual Conference of the NJ Chapter, American Planning Association, New Brunswick, NJ.
- 2018 Keynote address "Climate Change and Stream Changes". December 01. Annual State of the Watershed Conference, Raritan Headwaters Association, Califon, NJ.
- 2018 Keynote address "Upping Our Game: Water, Soil and New Jersey's Future". November 19. Annual Conference of the New Jersey Association of Conservation Districts, Columbus, NJ.

- 2018 "Assessment of Residential Water Demand Variations at Neighborhood Scales." November 5. National Conference of the American Water Resources Association, Baltimore, MD.
- 2018 "Planning for Water Demands." September 25. 6th Annual Delaware River Watershed Forum, Coalition for the Delaware River Watershed, Cape May, NJ.
- 2018 "Plans, Codes, and Water: The Planning Framework." September 11. American Planning Association Water and Planning Connect Conference, Kansas City, MO.
- 2018 "Effects of Residential Water Demand, Water Loss and Population Trends on New Jersey Public Water System Needs for the Year 2040." June 27. University Council of Water Resources Annual Conference, Pittsburgh, PA.
- 2018 "Water Utilities and Sustainability." Annual Conference of the NJ Utilities Association: Laying the Foundation for New Jersey's Future. Absecon, NJ.
- 2018 "Lead (Pb) and Water Supply in Urban Areas." April 18. Communicating Risk Regarding Science and Health: Lead Toxicity and Public Policy. Eagleton Institute, Rutgers University, NJ.
- 2018 "The Ramapo River Watershed in Rockland & Orange Counties, New York." April 13. Ramapo River Watershed Conference, Ramapo State College, Mahwah, NJ.
- 2018 "Assessing Per Capita Residential Demands in New Jersey." March 22. NJ Chapter, American Water Works Association, Atlantic City, NJ.
- 2018 Panelist. Workshop on Sea Level Rise, Adaptation and the New Jersey Public Trust. February 23. Rutgers University.
- 2018 "565 Towns, One Water: Statewide Activities." January 26. Annual Conference of the NJ Chapter, American Planning Association, New Brunswick, NJ.
- 2017 "Tracking Community Restoration Through Water Demands" with Aaron Damiani, NJ American Water Company. October 27. Superstorm Sandy: Five Years Later. Meadowlands Environmental Research Institute, Rutgers University, Newark, NJ.
- 2017 "Water Resources and Climate Adaptation Planning in New Jersey." June 28. Climate Change Solutions: Collaborative Science, Policy, and Planning for Sustainable Water Management. American Water Resources Association, Tysons, VA.
- 2017 "Protection of Ecological Resources: Practice and Case Studies in the New York Metropolitan Area." Invited presentation to the Symposium on Land Use Controls in Metropolitan Regions: China and U.S. Experiences. March 17. Renmin University, Beijing, China.
- 2017 "Land for the Water: Targeting Preservation Needs in Sussex County." January 27. Annual Conference of the New Jersey Chapter, American Planning Association. New Brunswick, NJ.
- 2016 Invited Testimony to the New Jersey Joint Legislative Task Force on Drinking Water Infrastructure. November 30. Trenton, NJ.
- 2016 "Jersey Water Works: Advancing Water Infrastructure in New Jersey." September 16. Mid-Atlantic Conference, American Water Resources Association, Wilmington, DE.
- 2016 "Lead (Pb) and Water Supply in Urban Areas." Funder Briefing: New Jersey's Childhood Lead Poisoning Crisis, Council of New Jersey Grantmakers. May 12. Newark, NJ.
- 2016 "Aquifers, Community Health and Sustainability." Annual Conference of the New Jersey Environmental Health Association. March 6. Atlantic City, NJ.
- 2016 Invited Testimony to the New Jersey Assembly Health and Senior Services Committee. "Lead in Drinking Water." February 22. Trenton, NJ.
- 2015 Panelist: An Update on the American Society of Civil Engineers' Infrastructure Report Card. 100th Annual Conference of the New Jersey Utilities Association. June 3. Atlantic City, NJ.
- 2015 "Moving Water: Water Supply and Wastewater Infrastructure in New Jersey." Presentation to the Rutgers Environmental Stewards Class, Duke Farms, Hillsborough, NJ. Video available from: <https://www.youtube.com/watch?v=0BLCXINpadk&feature=youtu.be>

- 2015 Invited Testimony to the New Jersey Senate Oversight Committee Regarding the New Jersey Statewide Water Supply Plan. April 22. Trenton, NJ.
- 2015 "Managing Water Resources in Northern New Jersey." Presentation at the 2015 AWRA Spring Specialty Conference: Water for Urban Areas: Managing Risks and Building Resiliency. American Water Resources Association, Los Angeles, CA.
- 2015 "Green, "Green" and Gr\$\$n in Stormwater Management." With Thomas Zilinek. Presentation at the New Jersey Land Trust Rally, Trenton, NJ.
- 2015 "Utility Infrastructure in New Jersey." Presentation at the SDWA Regulatory Update Short Course for Licensed Water Supply System Operators, Rutgers University.
- 2014 "Is There Enough Water Left in Your Watershed?" October 24. Presentation at the 2014 Environmental Congress, Association of New Jersey Environmental Commissions, Raritan Valley Community College, Branchburg, NJ
- 2014 "Development and Water Resources in the Pinelands Area." October 21. Presentation at the Delaware River Watershed Forum, Bethlehem, PA
- 2014 "Politics and Physics in Water Infrastructure." Keynote Address for the NJ Spotlight Roundtable, Tackling New Jersey's Water Woes -- What's Next? NJ Spotlight. June 20. Video available from: www.njspotlight.com/clean_water-video3/
- 2014 Keynote Speaker. NJ Spotlight Conference on "Tackling New Jersey's Water Woes: What's Next." June 20. Trenton, NJ
- 2014 "Session 2: Drinking Water -- Will We Have Enough?" Panel Participant for the NJ Spotlight Roundtable, Tackling New Jersey's Water Woes -- What's Next? June 20. Video available from: www.njspotlight.com/clean_water-video2/
- 2014 "Sustainability of NJ Water Resources and Infrastructure." October 12. Presentation at the NJ Higher Education Partnership for Sustainability, Ramapo College of New Jersey, Mahwah, NJ
- 2014 "30 Years of Parks Development Progress on the Tidal Passaic River." October 9. Presentation at the 6th Passaic River Symposium, Montclair State University, Montclair, NJ
- 2013 "Testing the Waters' for Together North Jersey." Presentation at the Mid-Atlantic Conference, American Water Resources Association, West Windsor, NJ
- 2013 "Ground Water Availability: How Did We Get Here?" Presentation at the Mid-Atlantic Conference, American Water Resources Association, West Windsor, NJ
- 2013 Invited Panelist, "Climate Change Preparedness in New Jersey: Leading Practices and Policy Priorities." NJ Climate Adaptation Alliance, Rutgers University, New Brunswick, NJ
- 2013 Invited Speaker, "Sandy Sewerage Summit." Ocean Place Resort, Long Branch, NJ
- 2011 Panelist "A Sustainable Approach for Effective Management, Infrastructure Renewal and Economic Growth." New Jersey League of Municipalities Annual Conference. Atlantic City, NJ
- 2011 "Assessing and Managing Water Supply in NJ: Statewide/Regional Perspectives" with F. Sickels. Presentation at "Water Worries: Strategies and Solutions" 38th Annual Environmental Congress of the Association of NJ Environmental Commissions.
- 2011 "New Jersey's Water Infrastructure" Panelist. At "100 Years of the New Jersey Board of Public Utilities: Celebrating the Past and Setting Course for the Future of Regulation, Innovation, Development and Technology in New Jersey." Trenton, NJ
- 2010 "Managing Water in New Jersey: Approaching the Watershed." Presentation at the 2010 National Conference, American Water Resources Association, Philadelphia, PA.
- 2010 "Assessing and Managing Water Availability in the New Jersey Highlands." (J. Hutzelmann, O. Zapecza, D. Rice, co-authors) Presentation at the 2010 National Conference, American Water Resources Association, Philadelphia, PA.

- 2010 "Highlands Water Availability in the Passaic Basin." Presentation with J. Hutzelmann at the Fourth Passaic River Symposium, Montclair State University.
- 2010 "Integrative Design in the Highlands Region." Presentation at the Regenerative Design Conference, Regional Plan Association, Morristown, NJ.
- 2009 "The Sustainable Raritan River: An Action Agenda." Presentation with others at the 2009 Annual Conference, NJ American Planning Association.
- 2009 "Water Supply Issues in the Highlands." Presentation with J. Hutzelmann at the 2009 Annual Conference, American Water Works Association, New Jersey Section.
- 2008 "Wastewater Management Planning: Lessons from the NJ Highlands." Presentation at the 2008 Annual Conference, NJ Water Environmental Association.
- 2008 "Water Supply Planning: The New Jersey Highlands Regional Master Plan." Presentation with J. Hutzelmann at the 2008 Annual Conference, American Water Works Association, New Jersey Section.
- 2008 "Climate change and the challenges for water supplies." Presentation at The Climate Ahead: Impacts of Climate Change on Water Resources. Symposium, Rutgers University.
- 2006 "Local and Regional Planning for Source Water Protection." Presentation with A. Clerico at the American Planning Association 2006 National Conference, San Antonio, Texas.
- 2006 "Source Water Protection: Hitting It From All Angles." Presentation with W. Kibler and J. Waltman at the 2006 Annual Conference of the American Water Works Association, New Jersey Section.
- 2005 "Well Head Protection Model Ordinance." Presentation at the 2005 Annual Conference of the American Planning Association, New Jersey Chapter.
- 2005 "Spruce Run Initiative: Protecting New Jersey's 3rd Largest Reservoir" (with K. Hale, M. Segal, A. Shallcross, R. O'Neil, Y. Zhang). Presentation at the 2005 International Conference of the Soil and Water Conservation Society, Rochester, New York.
- 2003 "Spruce Run Initiative: Protecting a Reservoir" (with T. Stanuikynas). Conference Paper for AWRA Watershed Management for Water Supply Systems Conference, NYC.
- 2002 "Planning for New Jersey's Largest River Basin." Conference Paper for Watershed 2002, Ft. Lauderdale, Florida.
- 2002 "Will New Jersey's Watershed Management Rules Survive?" Conference Paper for Watershed 2002, Ft. Lauderdale, Florida.
- 2000 "Protecting Developing Watersheds Through State Planning Regulations: New Jersey's Example." Conference Paper for Watershed 2000, Vancouver, British Columbia.
- 1989 "New Jersey's Ground Water Quality Standards Proposal." Conference paper for the Seventh Annual Hazardous Materials Management Conference International, Atlantic City, New Jersey, June 13-15.

Student Mentoring

2022-2023	Sophie Banas, George H. Cook Scholar. Restoration of Atlantic Salmon population to the Kennebec River in Maine.
2022-2023	Victor Aguilar, George H. Cook Scholar. Achieving Equity in Watershed Management Improving Accessibility in the Lower Raritan Watershed.
2022-2023	Hannah Wetter, Aresty Research Scholar. Residential Rebuilding in Jersey Shore Communities After Hurricane Sandy.
2021-2022	Carli Keefer, George H. Cook Scholar. "The Implications Rising Sea Levels has on Stormwater Management Along Coastal Communities in the Barnegat Bay Area."
2021-2022	Shreya Dhyani, Fatou Thiam and Rizni Idris, Louis Stokes Alliance for Minority Participation, "Safe Drinking Water as a Right, Not a Privilege: Case Studies of International and National Cities."
2020	Sarah Ekenezar, Louis Stokes Alliance for Minority Participation, "Safe Drinking Water as a Right, Not a Privilege: Case Study of New Brunswick, New Jersey."
2020-2021	Tianyi Luo, Aresty Research Scholar. "An Evaluation of New Jersey Water Utility Rates.
2019-2020	Brady Smith. Masters in Landscape Architecture, Rutgers University (committee member).
2018	Mackenzie George. Independent Study. "An Evaluation and Comparison of Sustainable Jersey's Municipal Program."
2017-2018	Zhoahan Yan, Aresty Research Scholar. "New Jersey Water Utility Rate Survey and Analysis."
2016-2017	Genevieve Tarino, Aresty Research Scholar. "Reliability Standards for Wastewater Utility Services."
2016-2017	Morgan Hill, Rutgers Honors Scholar. "Evaluation of Environmental Elements in New Jersey Municipal Master Plans"
2016-2017	Langley Oudemans, George H. Cook Scholar. "Interstate River Management Policies; How to Manage Water Supply Successfully Between Different States"
2015-2016	Christopher Reutlinger, Aresty Research Scholar. "Land and Building Values of Jersey Shore Communities"
2014-2015	Gailen Davis, Aresty Research Scholar. "Reliability Standards for Water Supply Utility Services."
2013-2014	Alexander Sliwecki, George H. Cook Scholar. "Modeling the Benefits of Green Infrastructure for Combined Sewer Overflow Control in North Bergen Township (Hudson County, New Jersey)"
2006-2008	Florencio C. (Jun) Ballesteros, Jr., PhD in Environmental Management, NJIT (committee member). Dissertation: "Projecting Land Use Changes Using Parcel-level Data: Model Development and Application to Hunterdon County, New Jersey."

Personal Recognition

- 2023 The Watershed Institute. "Edmund T. Stiles Award for Environmental Leadership."
- 2020 Inducted into the College of Fellows, American Institute of Certified Planners. This is the highest honor bestowed by the AICP, which is associated with the American Planning Association, the national professional organization for creating vital communities through planning.
- 2017 Sustainable Raritan River Collaborative and Rutgers' Sustainable Raritan River Initiative. "2017 Sustainable Raritan Award for Outstanding Achievement in Leadership"
- 2017 Rutgers Career Services, "Campus Partner of the Year-Career Development Unit Honoree" and "Overall Campus Partner of the Year", Career Knights of Distinction.
https://www.youtube.com/watch?v=uSC8Ql2pRbM&index=4&list=PL4C62q5A95rmBJeCT8l8JjC_yXTr2RvhH
- 2012 New Jersey Highlands Coalition, Special Commendation
- 2011 New Jersey Section of the American Water Resources Association, "Peter Homack Award" for Contributions toward a Multi-Disciplinary Understanding and Management of Water Resources in New Jersey
- 1995 Youth Environmental Society, "Environmental Leadership Award"
- 1993 Passaic River Coalition, "Earth Day Award" for Ground Water Protection

Professional Memberships

- Member, Water Environment Federation and New Jersey Water Environment Association
- Member, American Water Works Association and AWWA-NJ Chapter
- Member, American Planning Association and APA-NJ Chapter
- Fellow and Member, American Institute of Certified Planners

Program Recognition

- 2016 New Jersey 2016 Governor's Environmental Excellence Award to Jersey Water Works (Steering Committee member and lead consultant)
- 2011 Association of Environmental Authorities, "AEA Wave Service Award" to New Jersey Clean Water Council "for extraordinary efforts to raise awareness of the need for proper asset management and funding for infrastructure" (Vice Chairman and issue leader)
- 2008 South Branch Watershed Association, "Environmental Achievement Award" to the Highlands Water Protection and Planning Council for the Highlands Regional Master Plan (Senior Manager for Planning & Science, Highlands Council)
- 2007 American Council of Engineering Companies of New Jersey, "Award for Engineering Excellence" to the New Jersey Water Supply Authority for the Hoffman Park Stream Restoration Project (Director of Watershed Protection Programs)
- 2007 South Branch Watershed Association, "Environmental Achievement Award" to the New Jersey Water Supply Authority for the Watershed Protection Program
- 2006 New Jersey Planning Officials, "Achievement in Planning Award" to the Hunterdon County Environmental Toolbox Committee (Water Committee Chair)
- 2005 Association of New Jersey Environmental Commissions (ANJEC), "Environmental Achievement Award" to the New Jersey Water Supply Authority for the Spruce Run Initiative Highway Corridor Smart Growth Study
- 2005 Hunterdon County Planning Board, "Hermita Lechner Award" to the New Jersey Water Supply Authority for the Spruce Run Initiative Highway Corridor Study
- 2004 Hunterdon County Planning Board, "Hermita Lechner Award" to the New Jersey Water Supply Authority for The Spruce Run Initiative: Preservation of Critical Areas in the Spruce Run Reservoir Watersheds
- 2003 NJ Chapter, American Planning Association, "Elwood Jarmer Award for Outstanding Regional Environmental Plan" to the New Jersey Water Supply Authority for the Raritan Basin Watershed Management Plan
- 2003 NJ Department of Environmental Protection/NJ Corporation for Alternative Technologies "Environmental Excellence Awards," Clean and Plentiful Water Category, Honorable Mention to the New Jersey Water Supply Authority for the Raritan Basin Watershed Management Plan
- 2003 NJ Planning Officials, "Achievement in Planning Award" to the New Jersey Water Supply Authority for the Raritan Basin Watershed Management Project
- 2003 US Environmental Protection Agency, "Clean Water Partner for the 21st Century" to the New Jersey Water Supply Authority for the Spruce Run Initiative
- 2000 Monmouth County Water Resources Association, "James J. Howard Combined Effort Award" for the Manasquan Watershed Management Group: Watershed Characterization and Watershed Management Plan (New Jersey Water Supply Authority co-recipient)