

Lisa Blazure

Stroud Water Research Center

lblazure@stroudcenter.org

Lisa Blazure is an experienced conservation professional who advocates for improving soil health to achieve water quality goals and enhance the economic viability of agriculture. She serves Pennsylvania Soil Health Coalition's coordinator to foster collaboration among numerous stakeholders involved in soil health education and research. Blazure networks with a broad range of colleagues to implement conservation practices and organize educational programs. Lisa is a lead contributor to the Precision Sustainable Agriculture Cover Crop Remote Sensing Team, along with partners at USGS, USDA, Pennsylvania State University, University of Missouri, among others - their team received AGU's Science and Society Award in December 2025.

Education

- M.S., environmental science, Indiana University, Bloomington, Indiana.
- B.S., biology, Bucknell University, Lewisburg, Pennsylvania.

Professional Experience

2020-present: Stroud Water Research Center/PA Soil Health Coalition, Soil Health Coordinator

2008-2019: Clinton County Conservation District, Chesapeake Bay and Nutrient Management Tech

2000-2008: Larson Design Group, Environmental Scientist (watershed assessments, fluvial geomorphology, wetland delineations, permitting)

2016-present: PA No-Till Alliance, board member

2024-present: PA Sustainable Agriculture board member

2017-2025: NRCS Soil Health Cadre trainer

Kevin Du Bois

Department of War | Chesapeake Bay Program Coordinator

kevin.r.dubois.civ@us.navy.mil

Mr. Du Bois graduated Cum Laude from Southampton College in 1983 with a Bachelor's degree in Marine Science and completed his Master's degree in Marine Environmental Research in 1986 from the State University of New York at Stony Brook, School of Marine and Atmospheric Sciences. Over his 40+ year career, Mr. Du Bois has worked as a state Fisheries Biologist, Sensitive Land Acquisition Specialist, USFWS Endangered Species Biologist, wetland regulator and living shoreline expert, and environmental educator and has the ability to work and think outside silos, and across disciplines and GTs. Mr. Du Bois spent ~20 years implementing Virginia's Chesapeake Bay Preservation Act and Erosion and Stormwater Management Act. He has spent the last eight years as the DoW's Chesapeake Bay Program Coordinator and has been active in Goal Teams and workgroups throughout the partnership including the CWGT's Watershed Technical Workgroup, Urban Stormwater Workgroup, and Federal Facilities Workgroup. With DoW as the largest federal owner of developed land in the watershed, and with over 400,000 acres under management, Mr. DuBois has served as an At-Large member of the CWGT and would like to retain that seat to represent federal land-owning and other federal interests within the Goal Team.

Michael T. LaSala CPMSM

SPECIALIST / ANALYST

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EDUCATION

Millersville University,
Physics, Chemistry

13 Years with Firm

**30 Total Years of
Experience**

CERTIFICATIONS/ TRAINING

Certified Professional in
Municipal Stormwater
Management (CPMSM)

Stormwater Management
Plan Preparation and
Administration, State of
California

OSHA 10-hour

PROFESSIONAL SUMMARY

Michael LaSala is a Specialist and Analyst who handles multi-disciplinary and special projects generally involved with implementation of Economic Ecology and watershed-wide improvement concepts. He has nearly 25 years of experience developing, implementing, and managing both Phase I and Phase II Stormwater Management Programs (SWMPs) required for NPDES Permit compliance across multiple sectors, including MS4s. He has assisted in the Countywide Action Plan (CAP) development and implementation for multiple counties as part of the Pennsylvania Chesapeake Bay Phase III Watershed Implementation Plan. He provides assistance, primarily for programming and Maximum Extent Practicable (MEP) implementation approaches for MS4 Permits and watershed health initiatives, to LandStudies municipal clients across the mid-Atlantic region. Additionally, he provides unique knowledge and experience in municipal good housekeeping operations, intergovernmental cooperation, integrated planning, MS4/Green Infrastructure project development and construction, ordinance development, and contract administration, including through his time as the Executive Director of the Lancaster Inter-Municipal Committee (LIMC).

RELEVANT SKILLS LIST

Program Management • Project Management • Cost Engineering and Budget Development • Cost-Benefit Analyses • NPDES Permit Compliance (MS4, Construction, Industrial) Activities • MS4 Program Management • SWMPs • Stormwater Pollution Prevention Plans (SWPPPs) • Water Pollution Control Plans (WPCPs) • Impaired Waters/TMDL Plan Development, Implementation, and Monitoring • Watershed Based Analytics • Data Science and Data Analysis • Water Quality Monitoring • Erosion and Sediment Control • Intergovernmental Cooperation • Municipal Ordinances • Construction Means and Methods • Contract and Construction Management • Project and Program CPM Scheduling • Stormwater Fee Development • Field Investigations and Inspections • Strategic Watershed Programs

PROFESSIONAL AFFILIATIONS/APPOINTMENTS

Chesapeake Bay Partnership (CBP) Water Quality Goal Implementation Team (WQGIT), At-large Voting Member, 2022 - present

Warwick Township Municipal Authority, Board Member, 2019 - present

Lititz Borough Planning Commission, 2014-2015

SELECT PROJECT EXPERIENCE

General MS4 Program Consulting - 2014 to Present

Provides guidance and consulting services associated with implementation of SWMPs for MS4 Permit compliance for various municipalities and municipal engineers across Pennsylvania. Primary purpose of the services is to assist municipalities and consultants/staff with developing and measuring program goals, ascertaining program effectiveness, integrating asset management tasks, ensuring documentation tracking, and related implementation of compliance activities.

LANDSTUDIES.COM

Michael T. LaSala CPMSM

SPECIALIST / ANALYST

RECENT PRESENTATIONS

Legacy Sediment and the Application of Economic Ecology™

Environmental Defense Fund, Co-presented with Justin Spangler, PE

Economic Ecology™ Benefits of Using Natural Resources

Pennsylvania State Association of Township Supervisors (PSATS) Co-presentation with Benjamin Ehrhart, PE, CFM

Environmental Protection Agency (EPA) Compliance Inspections

American Planning Association (APA) PA Chapter

Stormwater Management Programs (SWMP)

Various presentations, HalfMoon Education

MS4 Permit Program Management: Based on USEPA Expectations

Southwest Pennsylvania Commission.

PSATS Stormwater

Conference *Pennsylvania State Association of Township Supervisors*

National Water Monitoring Conference

North American Lake Management Society

SELECT PROJECT EXPERIENCE

PFAS Assessment, City of Lancaster, PA - 2025 to Present

Field and desktop source identification analyses and exercises related to repeated per- and polyfluoroalkyl substance (PFAS) exceedances impacting one of two drinking water supply entry points for the City of Lancaster. The effort combined historical land use investigations with extensive water and soil media sampling across the Upper Conestoga River watershed. Project included inspections of and characterizations of stormwater flows and discharges within the MS4 system and from outfalls within the City's regulated system.

Lititz Run Watershed Strategic Watershed Program Development, Lancaster County, PA - 2020 to Present

Project Lead for the Lititz Run Watershed Association and local municipal partners to update to the original Lititz Run Watershed Action Plan completed more than 25 years ago, generation of the Lititz Run Watershed Report Card, and development the draft NPDES watershed-based permit. The effort can also be described as a milestone checkpoint for a comprehensive method of determining current water resource conditions and goals in the watershed that incorporates local citizen and government input while ensuring MS4 permit compliance for municipal partners. An end goal of the Strategic Watershed Program is to protect the Cold Water Fishery (CWF) Existing Use classification achieved for Lititz Run by Lititz Borough and Warwick Township; along with maintaining improved water quality and flooding conditions, and the synchronization of multiple sectors to common watershed goals (MS4, wastewater, and construction).

MS4 Stormwater Management Program (SWMP) Development and Implementation, South-Central Pennsylvania Region - 2014 to Present

Provide program management and facilitation to help ensure MS4-permitted municipalities meet both state (PADEP) and federal (USEPA) requirements and expectations. Oversight and management is provided for, but not limited to; program goals, integrated planning and scheduling, IDD&E investigations and enforcement, O&M Plan implementation, sampling data acquisition and analysis, and PCSM BMP inspections. SWMP and MS4 program assistance is currently provided to approximately twenty municipalities and/or municipal engineers.

Low Volume Road (LVR) Phase 3 Green Alley - Lititz Borough - 2018 to 2019

Project lead for the design, bidding, and construction management of the "Lockup Lane Green Alley" in Lititz, PA. The project restored a conventional alley with implementation of green infrastructure elements including infiltration components and permeable paving. The project improved water quality and flows via interception of stormwater flows previously identified as problematic due to street flooding and polluted discharges.

Lititz Borough MS4 Permit Consent Agreement and Final Order (CAFO), Lancaster County, PA - 2014 to 2015

Developed and managed implementation of a comprehensive SWMP and corresponding Minimum Control Measure (MCM) Plans (PEOP, IDD&E Plan, Good Housekeeping O&M Plan, etc.) as a result of and compliance improvement action from a USEPA Compliance Inspection by USEPA Region 3 where maximum civil penalties were initially proposed. The USEPA significantly reduced civil penalties and agreed to enter into a Consent Agreement and Final Order (CAFO) with the Borough as a result of the developed SWMP and corresponding implementation activities still observed to this day.

Erik Michelsen

Anne Arundel County Department of Public Works | Deputy Director

pwmich20@aacounty.org

Erik is a Deputy Director in Anne Arundel County's Department of Public Works, heading its Bureau of Watershed Protection and Restoration. He works to facilitate the recovery of the Chesapeake Bay and its tributaries through supporting robust restoration projects and rigorous scientific monitoring efforts, bolstered by broad stakeholder partnerships. Erik has an extensive background as a project manager for an environmental consultant then as the Executive Director for a non-profit, the Arundel Rivers Federation (formerly the South River Federation), and working for Anne Arundel County since 2014, as the County builds up the environmental assessments, restoration implementation, and ecological evaluation to support the County's clean water obligations under the Municipal Separate Storm Sewer System (MS4) permit and the Chesapeake Bay Total Maximum Daily Load (TMDL). Erik also serves as Anne Arundel County's Senior Environmental Policy Officer.

Erik Michelsen

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410-212-3309
erikmichelsen@hotmail.com

EXPERIENCE

Senior Environmental Policy Officer | Anne Arundel County

January 2023 – Present

- Develops, reviews, and advances environmental and land use legislation in coordination with other key County staff.
- Facilitates work groups focused on cooperatively solving particularly difficult community issues.

Deputy Director/Administrator | Anne Arundel County Bureau of Watershed Protection and Restoration, Department of Public Works

February 2014 - Present

- Manages a \$60+ million annual restoration planning, implementation, and maintenance budget for the Anne Arundel County Department of Public Works.
- Oversees the management of 43 staff in four separate units: Capital Implementation, Modeling & Analysis, Ecological Assessment and Evaluation, and Infrastructure Management.
- Advances legislative requests before the Anne Arundel County Council to further the mission of the BWPR and increase the efficiency of program operations.
- Guided implementation of over 200 water quality restoration projects since program inception.
- Successfully led Anne Arundel County (MD) to attainment of its latest generation Municipal Separate Storm Sewer System (MS4) permit.
- Devised innovative “Full Delivery of Water Quality” RFP which dramatically drove down implementation costs and fostered innovation in restoration implementation.
- Collaborated with State and Federal regulatory agencies to develop a separate restoration track for accelerated water quality project permitting.
- Works collaboratively with a variety of stakeholder organizations including the Anne Arundel County Public Schools, Maryland State Highway Administration, and a variety of local, non-profit organizations to facilitate restoration implementation on properties throughout the County.

Executive Director | South River Federation

September 2008 – February 2014

- Secured over \$6 million in restoration funding from a variety of sources, including the National Fish and Wildlife Foundation, Maryland DNR, MDE, the Chesapeake Bay Trust, and private sector partners.
- Spearheaded a successful effort to pass state legislation mandating the creation of stormwater utilities in the largest jurisdictions in Maryland (HB 987 in 2012).
- Led local advocacy effort to pass the Watershed Protection and Restoration Fund in Anne Arundel County (Bill 2-13).

EDUCATION

Villanova University

Graduate Studies: Experimental Psychology

University of Richmond

BA: Psychology/Philosophy

OTHER PROFESSIONAL EXPERIENCE

Member, Maryland Pooled Monitoring Advisory Committee (2013-Present)

- Helped create the Pooled Monitoring program as a way to more efficiently utilize limited research dollars for meaningful scientific work.
- Worked with the Maryland Department of the Environment to have them accept an in-lieu fee payment to the Pooled Monitoring program to satisfy MS4 stormwater permit requirements.

Board Member, Chesapeake Stormwater Network (2009-2018)

- Assisted in review of program specific materials around stormwater restoration.
- Participated in strategic planning of organizational priorities.

AWARDS

- 2025 Water Environment Federation – Phase 1 MS4 Innovation and Program Management Award
- 2019, 2020, 2023, & 2024 Water Environment Federation – MS4 Program Management – Overall Winner (Phase 1) (Anne Arundel County, MD)
- 2019 Ron Bowen Environmental Legacy Award, honoring a public servant who has gone above and beyond to foster environmental stewardship.
- 2019 Stoneroller Award, recognizing professional contributions to the field of stormwater management in the Chesapeake Bay region.
- 2015 Conservation Award – Anne Arundel County Soil Conservation District.
- 2013 South River Hero Award – South River Federation.
- Anne Arundel Watershed Stewards Academy “Consortium Member of the Year” in both 2011 & 2013.

SELECTED PAPERS & PRESENTATIONS

- Michelsen, E. (2026). Seeking to Make Progress on Environmental Challenges in a Climate Where the Cost of Doing Nothing is Often Overlooked. CWEA Stormwater Work Group keynote.
- Michelsen, E. (2023). The Future of Environmental Recovery is Dependent on a Paradigm Shift that Embraces the Past. STAC Stream Restoration Workshop Closing Plenary.
- Michelsen, E. (2022). Advancing Restoration Responsibly in an Era of Unprecedented Resources for Our Natural Resources. Keynote address to the Mid-Atlantic SER Conference.
- Michelsen, E. (2019). Using Integrated Stream and Wetland Restoration Systems to Improve Habitat and Achieve Clean Water Objectives. NOAA & USFWS Webinar.
- Michelsen, E. (2018). Anne Arundel County's Full Delivery of Water Quality Improvements Program. P3 Water Summit (San Diego, CA).
- Michelsen, E. (2011). The Chesapeake Bay, the South River, and the Future of the Resource. Presentation at the US Embassy, Paris, France.

REFERENCES

Upon request

Jennifer L. Weld, PhD
Director PAOneStop
Assistant Research Professor
Department of Ecosystem Science and Management
Penn State University
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University Park, PA 16802
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Education

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| 2022 | Ph.D., Soil Science
Penn State University, Department of Ecosystem Science and Management |
| 1999 | M.S., Soil Science
Penn State University, Department of Crop and Soil Sciences |
| 1995 | B.S., Environmental Systems Technologies
Cornell University, Department of Agricultural and Biological Engineering |

Position

December 1, 2018 to present

Assistant Research Professor, Director PAOneStop

Penn State University, Department of Ecosystem Science and Management

Primary responsibilities include technical and financial oversight of PAOneStop: Online Farm Planning System, participation in the Forage and Food Crops Extension Group, teaching ERM 413W, *Case Studies in Ecosystem Science and Management*, and Soils 450, *Environmental Geographic Information Systems*, and developing research and Extension programs to support erosion and sediment control, manure management plan development, and phosphorus management.

Current Projects:

March 2019 to present: Pennsylvania Department of Agriculture. PAOneStop Online Tool

June 2020 to present: Pennsylvania Department of Environmental Protection. PAOneStop Online Tool

Management Responsibility for:

- Gabe Guthrie: Manure Hauler and Broker Program Coordinator, Penn State
- Ramin SamieiFard: Postdoctoral Scholar, Penn State
- Sarah Tzilkowski: Manure Management Plan and Agricultural Erosion and Sediment Control Plan Program Coordinator, Penn State
- Jacob Yost: Natural Resource Application Specialist. Penn State