

Conference Agenda

Exhibits in Rooms 112 & 113 are open 9:00 AM – 2:00 PM

PROGRAM

9:00 AM – 10:00 AM MORNING PLENARY

Meeting the Goals; Clean Water for Our Region

Dean James W. Hughes, the Edward J. Bloustein School of Planning & Public Policy, Rutgers, The State University of New Jersey

Dean Robert M. Goodman, the School of Environmental and Biological Sciences, Rutgers, The State University of New Jersey

Michael Catania, Executive Director, Duke Farms Foundation

John Servidio, Executive Director, NJTV

Portrait of the Watershed Revisited:

- *Trends, Changes and Observations: the Raritan Basin Watershed 10 Years Later*
Ken Klipstein, Director, Watershed Protection Programs, NJ Water Supply Authority
- *Defining the Challenge: Fishable and Swimmable*
Dr. Jill Lipoti, Director, Division of Water Monitoring & Standards, New Jersey Department of Environmental Protection
- *Framing the Response: Where We Go From Here*
Dr. Judy Shaw, Director, Sustainable Raritan River Initiative, Rutgers

10:00 AM – 12:00 PM ACTION WORKSHOPS

TRACK 1: EDUCATION AND STEWARDSHIP

Moderator: Nora Wagner, Duke Farms

1A Water Programs

Jeff Hoagland, Education Director, and **Amy Soli, PhD**, Science Director

Stony Brook-Millstone Watershed Association

Examine the role of the Watershed's environmental education programs in promoting scientific inquiry and the use of students, volunteers, and citizen scientists to further our science program initiatives. Learn about how the Watershed's Nature Camp, the StreamWatch program and student interns are central to their goals of educating youth, examining water quality (pathogen source tracking), restoring stream habitats (dam removal), and promoting stewardship.

1B Stormwater Management in the Schoolyard and Experience-based Learning

Pat Rector, Environmental County Agent for Morris and Somerset Counties

Rutgers Cooperative Extension

Developed for a school in Somerville, this program is now available across the region to teach students the importance of managing stormwater in the protection of our stream and river water quality.

1C Tracking Your Water Quality: Stream Monitoring and Well Testing
Lauren Theis, Education & Stewardship and Angela Gorczyca, Water Quality Raritan Headwaters Association

RHA sponsors two very active programs to track water quality and engage the public through education and outreach. Learn about their program helping residents track their water quality at home and across the watershed.

1D Using Citizen Science in Baykeeper's Oyster Restoration and Shoreline Mapping Programs
Meredith Comi, Oyster Restoration Program Director NY/NJ Baykeeper

Baykeeper's main goal is clean water, which is a massive challenge in Raritan Bay. Learn how Baykeeper uses citizens in oyster restoration and shoreline mapping projects along the Bayshore in New Jersey.

TRACK 2: PLANNING AND MANAGEMENT

Moderator: Chris Obropta, PE, PhD, Rutgers Cooperative Extension, Water Resources

2A Stormwater Planning: Greening our Best Management Practices
Paul E. Pogorzelski, PE, Township Administrator and Municipal Engineer Hopewell Township, Mercer County

Hear about Hopewell Township's ordinances and best practices which promote groundwater recharge and water quality and how implementation of these ordinances/best practices has been a success story.

2B Municipal Planning for Improving Water Quality
Frank Banisch, Principal Banisch Associates

Frank Banisch has been at the forefront of innovative municipal planning for environmental quality for many years. Hear about projects that emphasize water quality and reducing stormwater impacts in communities across the region.

2C Regional Planning and Tracking our Progress: Lessons from the Highlands
Chris Danis, PP, AICP, Director of Planning & Science The New Jersey Highlands Council

What lessons can we learn about water quality management from the communities in the New Jersey Highlands Region, including the specifics related to the Raritan Basin? Chris Danis will share the experience of several communities and how they are making progress for water quality and quantity, stream corridor protection, land use planning and how this work may result in better flood mitigation and management protocols. The discussion will provide insight on how a regional planning agency is partnering with municipalities in support of resource protection and quality of life principles for all stakeholders.

2D More Trees Less Flood: Using Our Forest to Reduce Stormwater Runoff
Frank Gallagher, PhD Department of Landscape Architecture, School of Environmental & Biological Sciences, Rutgers

A strong and vibrant tree canopy not only adds value to a community economically, it also plays a key role in stormwater management, flood mitigation and water quality. Frank will share his expertise and tips on community tree and forest management along with information about funds for Forest Stewardship Plans from the NJDEP Community Forestry Program.

TRACK 3: GREENING BUSINESS, BUILDINGS AND ECONOMIC DEVELOPMENT

Moderator: Dan VanAbs, PhD, Rutgers Human Ecology Program

3A River-Friendly Business

*Kathy Hale, Principal Water Specialists
The NJ Water Supply Authority*

Source water protection is an important issue for the New Jersey Water Supply Authority. Through the Authority's River-Friendly Business Certification Program, staff work with businesses around the Raritan Basin to encourage land management practices that will benefit water resources. Kathy Hale will give an overview of the program and highlight some of the accomplishments of program participants.

3B Green Buildings and Water Quality Reports from the Field

*Jennifer Senick, Executive Director
Rutgers Center for Green Building*

The construction industry has embraced green energy and green design as a foundation for new buildings. Innovations in water quality management have gained popularity as architects and planners look at the larger neighborhood to ensure that green design is effective in delivering environmental quality outcomes.

3C Social and Corporate Responsibility for Going Green

*Vincent Mignone, Senior Environmental Engineer
Johnson & Johnson/Ethicon*

Johnson & Johnson is a national leader in going green. Learn how J&J's Ethicon has developed their "Green Matters" program for their Somerville campus. Vincent Mignone will talk about how they promote and encourage employee involvement and maximize environmental quality in their land management decision-making.

3D Restoration and Redevelopment for Water Quality

*Michael Szura, LLA, LEED AP, Principal
Langan Engineering*

Langan Engineering is an international multi-disciplinary design and engineering firm based in New Jersey. Their recent multi-modal trail project on the Green Brook is a classic example of how water quality goals play a significant role in land restoration projects. Michael Szura will present the project and will also discuss several other case studies where remediation and restoration design projects have benefited regional water quality.

12:00 – 1:00 PM BUFFET LUNCH AND NETWORKING

Pick up a fabulous buffet lunch and network in any one of the "Topic Rooms" – and watch our new film, Reimagining Our Watershed: Renaissance on the Raritan

1:00 – 2:00 PM ANNUAL RARITAN AWARDS

Celebrating Success: Annual Awards for Leadership, Education, Stewardship, Public Access, Sustainable Business, Remediation and Redevelopment

3:00 – 6:30 PM PERTH AMBOY EVENTS

BIKE! From New Brunswick to Perth Amboy on the newly completed Middlesex Greenway

SAIL! On Raritan Bay aboard the A. J. Meerwald, New Jersey's Tall Ship

WALK! Along the quaint town lanes and learn about Historic Perth Amboy