The agenda for the biennial Passaic River Symposium is complete – see below! A wide spectrum of topics and viewpoints will be presented. We are pleased to announce that the Honorable Bill Pascrell, Jr. US Congressman, NJ 8th District, Ms. Judith Enck, Region 2 Administrator, US Environmental Protection Agency, Colonel John R. Boulé II, Commander, US Army Corps of Engineers, NY District and Mr. Bob Martin, Commissioner, NJ Department of Environmental Protection are all confirmed to speak.

The "Lower Passaic River Restoration Project" will be prominently featured in the Symposium, including the "Phase 1" sediment removal by the Diamond Alkali site and the "Focused Feasibility Study" addressing the lower 8 miles. Additional projects and issues throughout the Passaic Basin will also be examined. The three previous symposia (see archived materials at the web site) attracted nearly 300 participants each – this fourth symposium promises to be equally attended.

CONFERENCE LOCATION. The Symposium will be held at the Conference Center at Montclair State University on the 7th floor of the University Hall. It’s a first-class conference center with a spectacular panoramic view of the Manhattan skyline. See www.montclair.edu/conferencecenter for directions.

FOR MORE INFORMATION. Contact Dr. Kirk R. Barrett, PE, PWS, Director of the Passaic River Institute and chair of the Symposium, kirk.barrett@montclair.edu, 973-655-7117.
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<tr>
<th>Time</th>
<th>Session 1</th>
<th>Perspectives from Partner Agencies and the Lower Passaic Cooperating Parties</th>
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<td>8:00 AM</td>
<td>Registration and Continental Breakfast</td>
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| 8:30 AM | Opening Remarks | · Dr. Kirk Barrett, Director, Passaic River Institute, Montclair State University  
· Dr. Susan A. Cole, President, Montclair State University  
· The Honorable Bill Pascrell, Jr., US Congressman, NJ 8th District  
· Colonel John R. Boulé II, Commander, US Army Corps of Engineers, NY District  
· Mr. Bob Martin, Commissioner, NJ Department of Environmental Protection  
· Ms. Judith Enck, Region 2 Administrator, US Environmental Protection Agency |
| 10:00 AM | Overview of Partner Agency Efforts to Clean Up the Lower Passaic River, with a Focus on Alternatives for the Lower 8 Miles. Alice Yeh, U.S. Environmental Protection Agency | |
| 10:15 AM | Restoration planning for the Lower Passaic River. Lisa Baron, U.S. Army Corps of Engineers | |
| 10:30 AM | Federal Trustees' Natural Resource Damage Assessment and Restoration Activities Update. Timothy Kubiak, U.S. Fish & Wildlife Service | |
| 10:45 AM | Lower Passaic River Study Area RI/FS Update. William Hyatt, K&L Gates, LLP | |
| 11:00 AM | BREAK -- COFFEE, EXHIBITS AND POSTERS ON THE 7TH FLOOR | |
| 11:30 AM | Track A University Hall Seventh Floor Conference Center | Track B University Hall First Floor, Room 1070  
Track C University Hall First Floor, Room 1050 |
| SESSION 2 | Lower Passaic "Phase 1 Removal Action" and Community Perspectives | Lower Passaic Sediment Geochemistry  
Moderator: Joseph Seebode, US Army Corps of Engineers |
| 11:30 AM | Water quality  
Moderator: Marzooq Alebus, NJDEP, Division of Watershed Management (invited) | Water use regimes, land use regimes, and spatial data analysis for better watershed management. Benjamin Witherell, Montclair State University |
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<th>Time</th>
<th>Track A</th>
<th>Track B</th>
<th>Track C</th>
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<tr>
<td>11:45 AM</td>
<td>Update on the Removal Action Through Potentially Responsible Party Initiative. Bob Romagnoli, Arcadis</td>
<td>Historical Trends of Energy Use, Energy Sources and Hydrocarbon Pollution along the Passaic River and Newark Bay, 1660-present. Stephen G. Marshall</td>
<td>Using $^{210}\text{Pb}$ and $^{137}\text{Cs}$ to identify the bank vs. soil contributions to excess fine-grained sediments in urban and rural New Jersey river channels. Joshua Galster, Montclair State, Passaic River Institute</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>The Economic and Social Values of a Cleaner Lower Passaic River. Ella Filippone, Passaic River Coalition</td>
<td>Sources of Contaminants of Concern to the Newark Bay Estuary. Dennis Farley, The Intelligence Group</td>
<td>Tackling NJ’s 1st TMDL: a 10-year case study in the Whippany watershed. Pat Rector, Rutgers University and Art Vespignani, Whippany River Watershed Action Committee</td>
</tr>
<tr>
<td>12:30 PM</td>
<td><strong>LUNCH, POSTERS AND EXHIBITS ON 7TH FLOOR</strong> Including Book Signings by Local Authors Dr. Judith Weis of Rutgers-Newark, author of &quot;Salt Marshes: A Natural and Unnatural History&quot; (with a focus on the Hackensack Meadowlands), and Mr. Kevin Olsen of Montclair State, author of &quot;A Great Conveniency: a Maritime History of the Passaic River, Hackensack River, and Newark Bay&quot;</td>
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<td>1:15 PM</td>
<td>Selected Readings from the forthcoming book &quot;This American River: From Paradise to Superfund, Afloat on New Jersey's Passaic&quot; by Author Mary Bruno, in the Conference Room adjacent to the Conference Center</td>
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| SESSION 3 | **Track A**  
University Hall  
Seventh Floor  
Conference Center | **Track B**  
University Hall  
First Floor,  
Room 1070 | **Track C**  
University Hall  
First Floor,  
Room 1050 |
|---|---|---|
| **Lower Passaic Human and Ecological Health**  
Moderator: Judy Weis, Rutgers University Newark | **Lower Passaic Sediment Dynamics**  
Moderator: Scott Douglas, NJ Dept. of Transportation Office of Maritime Resources | **Water quality monitoring and modeling**  
Moderator: Sheldon Lipke, Passaic Valley Sewerage Commissioners |
| 1:45 PM  
| 2:00 PM  
| 2:15 PM  
Application of Behavioral Simulation Modeling to Evaluate Anglers’ Fish Consumption. Jason Kinnell, Veritas Economic Consulting | Effects of morphological change in the Passaic River/ Newark Bay system on circulation and sediment transport processes. Robert Chant, Rutgers University | Pathogen Sources and FC-EC relations in the Lower Passaic River. David Vaccari, Stevens Institute of Technology |
| 2:30 PM  
Human Health Risk Assessment for Consumption of Fish from the Lower Passaic River. Mark Harris, ToxStrategies, Inc. | Morphology, Modeling and Bathymetry: Application of Physical indicators to Evaluate Sediment Stability in the Lower Passaic River. Han Winterwerp, Deltares | NYHOPS v3 OFS: New hydrodynamic and water quality forecasts include the Passaic River. Nickitas Georgas, Stevens Institute of Technology |
<p>| 2:45 PM | <strong>BREAK -- COFFEE ON THE 7TH FLOOR</strong> |</p>
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<tr>
<th>Time</th>
<th>Session 4</th>
<th>Track A - University Hall Seventh Floor</th>
<th>Track B - University Hall Room 1070</th>
<th>Track C - University Hall Room 1050</th>
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| 3:15 PM| Incentive Based Environmental Restoration and Planning, Shifting the Paradigm. Stephen Davis, Matrix New World Engineering, Inc. | Restoration and Remediation  
Moderator: Eric Stern, USEPA                                                                                      | Lower Passaic Sediment Dynamics  
Moderator: Constantine Theodosiou, Montclair State University, Vice Provost for Research            | Water quality, Stormwater Management and Flood Mitigation  
Moderator: Kathleen Caren, Passaic County Dept. of Planning                                                                 |
| 4:15 PM| RECEPTION, POSTERS AND EXHIBITS ON 7th FLOOR                              |                                                                                                        |                                                                                                        |
POSTERS

A Systems Dynamics Approach to Test the Proposed LEED for Neighbor Development Rating Systems as a Holistic and Sustainable Redevelopment Option for the Lower Passaic River Watershed Area. Amy Ferdinand, Montclair State University

Iron Oxide Coated Multiwall Carbon Nanotubes for the Removal of Arsenic from Water. Susana Addo Ntim, New Jersey Institute of Technology

Carbon Nanotubes Immobilized Membrane for Enhanced Analytical Separation. Ornthida Sae-Khow, New Jersey Institute of Technology

An Integrated Plan for Open Space, Recreation and BMPs along the Passaic River in Paterson: A Circuit Greenbelt. Marcia Anderson, Montclair State University


Carbon Nanotubes as the Sorbent for Integrating μ-Solid Phase Extraction within the Needle of a Syringe. Madhuleena Bhadra, New Jersey Institute of Technology

Assessing stream restoration efforts in northern New Jersey. Jared Lopes, Montclair State University, Passaic River Institute

The impact of Japanese knotweed on stream baseflow. Rob Scherr and Dirk Vanderklein, Montclair State University

Application of GIS to assess land use change to urban use in Passaic River Basin: A watershed approach to counter climate change. Faith Justus, Montclair State University

Soil Composition and Transfer of Metals on Nutritional Quality of Vegetables Grown in Urban Community Gardens. Khadija Latif, Montclair State University


The Effects of Distance and Selective Enrichment on Alkane Monooxygenase Gene Diversity in Passaic River Sediment. Elyse Rodgers-Vieira, Rutgers University

PCB Mass Loading Project: Identifying Non-point Source PCB Contribution to the Surface Waters of the Christina River Basin. John-Paul Rossi, BrightFields, Inc


Molluscan Community and Population Structure in an Urban Pond in the Lower Passaic River Watershed, New Jersey. Rebecca Shell, Montclair State University, Passaic River Institute

Standards for the Construction and Development Point Source Category Final Rule - How Does this Affect the Passaic River Watershed, and When? Keithe Merl, Princeton Hydro, LLC