

AGENDA, THIRD PASSAIC RIVER SYMPOSIUM

Thursday October 16, 2008, [University Hall Conference Center](#), Montclair State University,
Montclair, NJ

Organized by the [Passaic River Institute](#) of [Montclair State University](#)

<http://pages.csam.montclair.edu/pri/symposium2008>

8:00	Registration and Continental Breakfast	
8:30	Opening Remarks	
	<ul style="list-style-type: none"> · Dr. Kirk Barrett, Director, Passaic River Institute, Montclair State University · Dr. Willard Gingerich, Provost and Vice President for Academic Affairs, Montclair State University · Mr. Alan J. Steinberg, Region 2 Administrator, US Environmental Protection Agency · Colonel Aniello L. Tortora, NY District Commander, US Army Corps of Engineers · Ms. Lisa P. Jackson, Commissioner, NJ Department of Environmental Protection 	
9:45	Break (split into concurrent sessions)	
	Track A – Lower Passaic River, University Hall Conference Center. Moderator: Lisa Baron, US Army Corps of Engineers	Track B – Upper Passaic River and Tributaries, MSU Student Center Room 411-4. Moderator, TBA
10:00	Focused Feasibility Study for Passaic River Sediments: Alternative Development For The Lower 8 Miles. Scott Thompson, Malcolm Pirnie, Inc.	The Non-Tidal Passaic River Basin Nutrient TMDL. Thomas Amidon, Omni Environmental
10:20	Removal Action through Potentially Responsible Party Initiative in the Lower Passaic River, New Jersey. Robert Romagnoli, Arcadis	Development and Model Validation of the Non-Tidal Passaic River Basin Water Quality Trading Program for Total Phosphorus. Christopher Obropta, Rutgers University
10:40	Restoration Planning Activities for the Lower Passaic River Restoration Project. Catherine Mulvey, US Army Corps of Engineers	Source Water Management in the Wanaque Reservoir System. Dag Madara, North Jersey District Water Supply Commission
11:00	Current Commercial Navigational Use on the Lower Passaic River. Tricia Aspinwall, US Army Corps of Engineers	Morris County Water Balance Model – A Tool for Water Resources Planning in the New Jersey Highlands. Guy Apicella, HDR, Inc.
11:20	Can't we all just get along? Problems can become opportunities when the right people come together. Paul Bohannon, Andrews Kurth LLP	Is flooding getting worse? Historical analysis of flood flow frequencies in the Passaic Basin and New Jersey. Joshua Galster, Passaic River Institute, Montclair State University
11:40	Extended Justification of Greater Federal Financial Participation in the Restoration of the Lower Passaic River Project. Ella Filappone, Passaic River Coalition	Passaic River Basin Flooding- Summary History of Flood Damage Reduction Studies and Projects - An Update for 2008. Paul Tumminello, U.S. Army Corps of Engineers
12:00	The Lower Passaic River and Newark Bay Superfund Site: An Environmental Group Perspective on Progress and Challenges. Lawrence Levine, Natural Resources Defense Council	Baseflow Trends in NJ Streams and Correlation with Imperviousness. Kirk Barrett, Passaic River Institute, Montclair State University
12:20	Hot buffet lunch, poster viewing and book signing by Kevin Olsen of the Passaic River Institute, author of "A Great Conveniency: A Maritime History of the Passaic River, Hackensack River, and Newark Bay"	
	Moderator: Eric Stern, US EPA	Moderator: TBA
1:50	From Commercial Dock to Penn Plaza: An Illustrated Site Study of Riverfront Development, Decline and Redevelopment along the Newark Reach of the Passaic River. Steven Marshall	Optical Brighteners as surrogates for Human Pollution in Urban Streams of the Passaic River Basin - Fluorometric Detection in the Field and Laboratory. Richard Pardi, William Paterson University
2:10	Newark Riverfront Revitalization - The Riverfront Newark Wants. Damon Rich, City of Newark	Assessment of Invasive Plants along the Upper Passaic River. Susan Marie Terra, Montclair State University
2:30	Riverfront Development. Carol Johnston, Ironbound Community Corporation	Passaic River water quality – better than you think. Charles Dujardin, HydroQual, Inc.,
2:50	Break	
	Moderator: Dibyendu Sarkar, Montclair State University	Moderator: Sandy Batty, Association of New Jersey Environmental Commissions
3:10	Dredging and Discharge: Contaminant History in the Lower	Switzerland, Venice, and the Hills of New Jersey, Historic

	Passaic River. Edward Garvey, Malcolm Pirnie, Inc.	Recreation in the Upper Passaic River Watershed. Kevin Olsen, Passaic River Institute, Montclair State University
3:30	Organic Contamination in Sediments of the Lower Passaic River: An Environmental Forensics Approach. Michael Kruge, Passaic River Institute, Montclair State University	Great Falls State Park Overview. Olivia Glenn, NJ Department of Environmental Protection
3:50	Cap Erosion and Flooding Analyses in the Lower Passaic River. Nicholas Kim, HydroQual, Inc.	The Passaic River Blueway: Reclaiming a River Through Recreation? Jerry Willis, National Park Service
4:10	Organic and Inorganic Contaminants on Suspended Solids from CSO/SWO Discharges and Tributaries to the Lower Passaic River. Juliana Atmadja, Malcolm Pirnie, Inc.	
4:30	Panel Discussion and Q&A: Ella Filappone, Passaic River Coalition; Lawrence Levine, Natural Resources Defense Council; Paul Bohannon, Andrews Kurth LLP (counsel to Tierra Solutions); David Kluesner, USEPA; William Slezak, USACE; Janine MacGregor, NJDEP	
5:15	Poster view and reception with hor dourves, and drinks (cash bar)	

POSTERS		
First Author	Affiliation	Title
Amidon, Thomas	Omni Environmental	Export of Phosphorus from Great Swamp to Passaic River
Atmadja, Juliana	Malcolm Pirnie, Inc.	Receptor Modeling of Sources and Sinks in the Lower Passaic River
Belton, Thomas	NJ Dept. of Environmental Protection, Div. of Science, Research and Technology	PCB TMDLs, Pollution Minimization Plans and Source Trackdown in Camden City
Doyle, Patricia	Passaic River Institute, Montclair State University	Passaic River Educational Environmental Monitoring Organization -- PREEMO
Dujardin, Charles	HydroQual, Inc.,	Development of a regional model to predict the impact of bacterial and conservative discharges
Gallagher, Frank	Urban Forestry Program, Rutgers University	Soil Metal Concentration and Productivity of Bertual Populifolia (Gray Birch) as measured by field spectometry and incremental annual growth in an urban brownfield.
Galster, Joshua	Passaic River Institute, Montclair State University	Identifying the Source of excess fine-grained sediments in New Jersey rivers using Radionuclides
Gerbush, Mathieu	Office of the NJ State Climatologist, Rutgers Univ.	Weather and Climate monitoring in the Passaic Basin
Hansen, William	Worcester State College	Developing a Historical Bathymetric database for the Lower Passaic River
Jadrosich, Megan	U.S. Army Corps of Engineers	Joseph G. Minish Passaic River Waterfront Park and Historic Area
Krummins, Valdis	Rutgers University	Sustained Enhancement of Reductive Dechlorination in PCB and Pesticide contaminated Sediments
Lerin, Paul	Bionautics, Inc.	Bulking & Tiering Wetland System
Liu, Hiu	Rutgers University	Developing Methods to Stimulate Dechlorination of Historical Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Contaminated Sediment
Malizzi, Lawrence D.	Matrix New World Engineering, Inc	Restoration up front, the next frontier in Natural Resource Damage restoration "Tools for the Tool

		Box"
McClary, Jr., Marion	Fairleigh Dickinson University	Effects of a Clay Cap on Contaminants in Water, Sediments, Plants and Macroinvertebrates of Kearny Marsh
Middleton, June	Department of Biology, Fairleigh Dickinson University	Evaluation of E. Faecalis and E. Faecium populations in the Upper Passaic River, Morris County, NJ
Mongiello, Gina	Passaic River Institute, Montclair State University	An Evaluation of the Passaic River Institute Summer Program
Ndiba, Peter	Dept. of Civil and Environmental Engineering, NJ Institute of Technology	Risk to Groundwater assessment of Phosphate and Thermal treated dredged sediments
Pardi, Richard	William Paterson University	Monitoring an Urban Stream: Strategies and Results for Non-Point Pollution - Molly Ann Brook Passaic County, New Jersey
Pechmann, Ildiko	New Jersey Meadowlands Commission	Balloon Imagery verification of remotely sensed Phragmites Australis expansion in Wetlands of the Hackensack Meadowlands
Punburananon, Krit	Department of Civil and Environmental Engineering, New Jersey Institute of Technology	Characterization of Precursors to Trihalomethanes in Source water by Multivariate Statistical Analysis of Fluorescence Spectra
Wang, Bin	Department of Civil and Environmental Engineering, New Jersey Institute of Technology	Cadmium, Copper, Nickel, and Zinc Toxicity and Bioavailability to Aureococcus Anophagefferens
Witherell, Benjamin	Montclair State University	System dynamic modeling of land use regulation for water resource protection: The New Jersey Highlands Water Protection and Planning Act