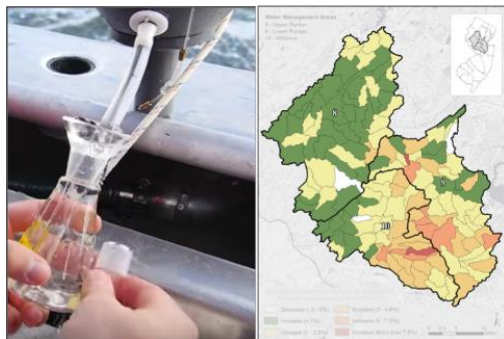


10th Annual Sustainable Raritan River Conference and Awards Ceremony



Micro to Macro

The Future of the Raritan

Kathleen W. Ludwig Global Village Learning Center

Rutgers, The State University of New Jersey

Douglass Honors College, 26 Nichol Avenue, New Brunswick

Friday, June 8, 2018

Agenda

8:15 to 9:00 **Registration, Exhibits Open, Continental Breakfast and Networking**

9:00 to 9:30 **Welcome**

Sara J. Malone, Sustainable Raritan River Initiative, Rutgers

Jeanne Herb, Environmental Analysis and Communications Group, E.J. Bloustein School of Planning and Public Policy and Sustainable Raritan River Initiative, Rutgers

Dr. Robert M. Goodman, Executive Dean, School of Environmental and Biological Science, Rutgers

Dr. Michael R. Greenberg, Interim Dean, Edward J. Bloustein School of Planning and Public Policy, Rutgers

9:30 to 10:10 **Lightning Talks Focused on Water Quality**

Dr. Meg Christie, Marine & Coastal, SEBS, "Anthropogenic alterations of the Raritan River, NJ from pre-European settlement through the present"

Dr. Nicole Fahrenfeld, Civil & Environmental Engineering, SOE, "Putting the micro- in microplastics: an investigation of biofilm communities" (2017 R3C mini-grant recipient)

Kaixuan Bu, Marine & Coastal, SEBS, "Temporal Heavy Metal Distribution and Bioaccumulation in the Lower Raritan River" (2018 R3C mini-grant recipient)

Dr. Abigail Porter, Environmental Science, SEBS, "Microplastic can Mobilize Pharmaceutical Transforming Microorganisms"

Phil Sontag, Environmental Sciences, SEBS, "Examining Influence of Raritan River-Bay Dissolved Organic Matter and Extracellular Enzyme Hydrolysis on Methylmercury Uptake in Phytoplankton" (2018 R3C mini-grant recipient)

Dr. Donna Fennell, Environmental Science, SEBS, "Tracking Organohalide Reduction in the Raritan River Basin" (2018 R3C mini-grant recipient)

Michael Stepowyj, Meadowlands Environmental Research Institute, “Spatial Distribution of Contaminants in Lower Raritan River Sediments”

10:10 to 10:30 **Break, Fresh Coffee, Exhibits, Posters, Networking**

10:30 to 12:00 **Micro: Emerging Contaminants Panel and Discussion**

Dr. Keith Cooper, Biochemistry & Microbiology, SEBS, Rutgers (moderator)

Dr. Brian Buckley, Environmental and Occupational Health Sciences Institute, Rutgers

Dr. Donnell Fennell, Environmental Sciences, SEBS, Rutgers

Dr. Sandra Goodrow, Science/Research/Environmental Health, NJDEP

Dr. John Reinfelder, Environmental Sciences, SEBS, Rutgers

12:00 to 1:30 **Lunch, Awards and Keynote**

Sustainable Raritan Awards Presenters:

Michael Catania, Duke Farms Foundation

William Kibler, Raritan Headwaters

Greg Remaud, NY/NJ Baykeeper

Keynote:

Debbie Mans, Deputy Commissioner, NJ Department of Environmental Protection

1:30 to 3:00 **Macro: Addressing Concerns through Basin-wide Watershed Management Planning**

Dr. Richard G. Lathrop, Jr., Johnson Family Chair for Water Resources and Watershed Ecology and Sustainable Raritan River Initiative, Rutgers

Working Table Session

3:00 to 3:15 **Break**

3:15 to 4:00 **Data Blitz – Lightning Talks on key Raritan issues including watershed planning, stormwater management, public access, restorations and more!**

Michael Pisauro, The Watershed Institute, “The Watershed Institute's Model Stormwater Ordinance.”

Johnny Quispe, Ecology and Evolution, SEBS, “Marsh Response to Sea Level Rise: Survival of Tidal Marshes in the Raritan River”

Angela Gorczyca, New Jersey Water Supply Authority, “Raritan River Basin’s Most Wanted List”

Mehdi Rahmati, Electrical & Computer Engineering, SOE, “Enabling Real-time Dynamic Control and Adaptation of Networked Robots in Resource-constrained and Uncertain Environments”

Nick Zemplachenko, New Jersey Water Supply Authority, “Peters Brook Residential Rain Barrel Rebate Program”

Dr. Richard G. Lathrop, Jr., Ecology, Evolution and Natural Resources, SEBS, "Monitoring water quality and marsh surface elevation on the Lower Raritan"

Anthony Vastano, Marine & Coastal, SEBS, "Evaluating Fish Passage on the Raritan River: The Results of a Six Year Study" (2017 R3C mini-grant recipient)

4:00 to 5:00 Closing Remarks, Poster Session, Reception and Networking

Agenda is subject to change. For more information visit www.raritan.rutgers.edu or contact Sara Malone at 848.932.2720 or via email at raritan@ejb.rutgers.edu.

EJB = Edward J. Bloustein School of Planning and Public Policy, Rutgers

R3C = Rutgers Raritan River Consortium

SEBS = School of Environmental and Biological Sciences, Rutgers

SOE = School of Engineering, Rutgers

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Chancellor Debasish Dutta, Rutgers New Brunswick

Dean Michael Greenberg, Rutgers Edward J. Bloustein School of Planning and Public Policy

Dear Robert Goodman, Rutgers School of Environmental and Biological Sciences

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Sustainable Raritan River Initiative

The 10th Annual Sustainable Raritan River Conference and Awards Ceremony is produced by the **Sustainable Raritan River Initiative**, a joint program of Rutgers' Edward J. Bloustein School of Planning and Public Policy and the School of Environmental and Biological Sciences. The Initiative works across the university and with other Raritan River, basin and bay stakeholders in a collaboration to ensure the best contributions from sciences, planning and policy are brought to bear to protect and preserve Raritan assets for current and future generations.

