

Mohawk Watershed Symposium - 2015
20 March 2015, College Park, Union College, Schenectady NY

Oral session (College Park) - Registration and Badges required

- 8:30 AM 8:55 AM** *Registration, Coffee, College Park*
- 8:55 AM 9:00 AM** **Introductory Remarks**
Jackie Cockburn, Geography Department, University of Guelph
- 9:00 AM 9:20 AM** **Swimming the Entire Length of the Mohawk River, Special Presentation**
Christopher Swain, Brave Swimmer*
- 9:20 AM 9:35 AM** **Lock 7 Dam Fixed Design Endangers Schenectady Area... What to do?**
James E. Duggan Consultant (retired registered architect/urban planner)*
- 9:35 AM 9:50 AM** **Flood Inundation Maps for the Schoharie Creek at Prattsville, New York**
Elizabeth Nystrom, U.S. Geological Survey, New York Water Science Center*
- 9:50 AM 10:05 AM** **The New York State Mesonet**
Chris Thorncroft, E. Joseph, and J. Brotzge, University at Albany, Department of Atmospheric and Environmental Sciences, Albany, NY*
- 10:05 AM 10:31 AM** **Flood Warning and Optimization System for the Mohawk Watershed (invited)**
Howard Goebel New York State Canal Corporation*
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- 10:31 AM 11:11 AM** **COFFEE and POSTERS (see below for listing)**
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- 11:11 AM 11:37 AM** **Spatial Differences in Contemporary Fish Assemblages of the Mohawk River (Invited)**
Scott George, Barry Baldigo, and Scott Wells, U.S. Geological Survey, New York Water Science Center*
- 11:37 AM 11:52 AM** **How Common is "Textbook" Migration in the Blueback Herring? A Look at the Hudson-Mohawk Population through Otolith Chemistry**
Karin E. Limburg, and Sara M. Turner, Dept of Environmental and Forest Biology, SUNY College of Environmental Science and Forestry*
- 11:52 AM 12:07 PM** **Response of Macroinvertebrate Assemblages to Extreme Floods in Tributaries to the Mohawk River, New York**
Miriam Calderon A.J. Smith, B. Baldigo, and T. Endreny, Dept of Environmental and Forest Biology, SUNY College of Environmental Science and Forestry*
- 12:07 PM 12:33 PM** **Clean Water Planning and TMDL Vision (Invited)**
Angus Eaton, Department of Environmental Conservation*
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- 12:33 PM 2:03 PM** **- LUNCH and Poster Sessions - Lunch at College Park**
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- 2:03 PM 2:13 PM** **Partnership Efforts in the Mohawk Watershed (Special Address)**
Jim Tierney, New York State, Department of Environmental Conservation, Water and Watershed Assistant Commissioner*
- 2:13 PM 2:39 PM** **Water Quality Monitoring and Assessment in the Mohawk River Basin (invited)**
Alexander J. Smith, Margaret A. Novak, and Gavin M. Lemley, New York State Department of Environmental Conservation, Division of Water*
- 2:39 PM 2:54 PM** **Using Geospatial Data to Analyze Trends in Onsite Wastewater Systems Use**
Sridhar Vedachalam, Tim Joo, and Susan J. Riha, New York State Water Resources Institute, Cornell University, Ithaca, NY*
- 2:54 PM 3:09 PM** **Inspiring Residents to Address Watershed Pollution through Citizen Science**
Dan Shapley, John Lipscomb, and Jen Epstein, Water Quality Program*
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- 3:09 PM 3:48 PM** **COFFEE and POSTERS (see below for listing)**
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- 3:48 PM 4:14 PM** **Mohawk River Watershed Coalition Update: Management Plan - Long Term Vision (Invited)**
Peter M. Nichols, Mohawk Watershed Coalition*
- 4:14 PM 4:40 PM** **Accomplishments and Status of NY Rising (Invited)**
Sarah Crowell, New York State Department of State*
- 4:40 PM 5:00 PM** **After the Response, a Sustainable Plan for Our Future (Plenary Address)**
Congressman Paul Tonko, 20th District
- 5:00 PM 5:10 PM** **Keynote Speaker Address**
John Lipscomb, Riverkeeper Patrol Boat Captain
- 5:10 PM 5:15 PM** **Closing Remarks**
John I. Garver, Geology Department, Union College

Symposium Reception (Old Chapel) 5:30pm-6:30pm

Old Chapel is on the main part of the campus, limited parking near the building is available

Symposium Banquet (Old Chapel) 6:30pm - 8:30pm, registration and tickets required

Keynote Title

John Lipscomb, Riverkeeper Patrol Boat Captain

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Poster session (all day)

- P1 Common Core: An Uncommon Approach Workshops for Educators on How to Bring Environmentally Based Experiential Learning to Schools and Beyond**
Scott Hadam and John M. McKeeby, Schoharie River Center, Inc.*
- P2 An Investigation of Tree-ring Response to Extreme Flood Events Along the Schoharie Creek, New York**
A. Bartholomew, J. Rayburn, and A. Walag, Department of Geology, SUNY New Paltz, New Paltz, NY*
- P3 Sedimentological Record of Large Magnitude Floods Recorded in Collins Pond, Scotia, NY**
Corey M. Hedges and Don T. Rodbell, Department of Geology, Union College, Schenectady, NY*
- P4 Flooding Prediction in Large Watersheds: An Example from Mohawk River in New York**
Antonios Marsellos and Katerina Tsakiri, School of Environment and Technology, University of Brighton, UK*
- P5 The New York Streamflow Estimation Tool**
Chris L. Gazoorian, U.S. Geological Survey, New York Water Science Center, Troy, NY*
- P6 Incapacity of Current Release Works at the NYPA Blenheim/Gilboa Pumped Storage Project to Pass the Probable Maximum Flood as Estimated by the NYC Department of Environmental Protection**
Howard Bartholomew, Dam Concerned Citizens, Inc.*
- P7 Cartographic Mapping of Water-Related Environmental and Societal Indicators**
Ashraf M. Ghaly, Department of Engineering, Union College, Schenectady, NY*
- P8 Water: The New Oil That Fuels International Conflicts**
Ashraf M. Ghaly, Department of Engineering, Union College, Schenectady, NY*
- P9 Utilizing GIS to Study Erosion, Mitigation Reliability, Costs, and Effective Coastal Engineering Practices**
Chrisopher C. Kelly and Ashraf M. Ghaly, Department of Geology, Union College, Schenectady, NY*
- P10 USGS Ice Jam Monitoring System, Mohawk River, Schenectady, NY - An Update**
Gary R. Wall, and Chris Gazoorian, U.S. Geological Survey, New York Water Science Center, Troy, NY*
- P11 A Web GIS-Based Mohawk River Watershed Project Implementation Tracking System**
Katie Budreski, Stone Environmental, Montpelier, VT*
- P12 The Mohawk River Watershed Management Plan: Engaging the Community**
Elizabeth C. Moran, Linda P. Wagenet, and A. Thomas Vawter, EcoLogic LLC, Cazenovia NY*
- P13 The Canajoharie and Otsquago Creeks: A Rapid Bio-Assessment of Two Tributaries of the Mohawk River**
Bryce Boylan, Zoe D'Arcangelis, Sarah Hoffman, Hans Hudyncia, Spencer Mang, Julia Stockwell, Noah Sweet, Lexi Veitch, Madeline Elliott, Cassie O'Connor, Abbey Welsh, Lance Elliott John McKeeby and Scott Hadim, Fort Plain/Canajoharie Environmental Study Team*
- P14 Schoharie County Streams: A Long Road Toward Recovery?**
Dakota J. Raab, Eric W. Malone, Mark D. Cornwell, John R. Foster, and Benjamin P. German, Department of Fisheries, Wildlife & Environmental Science State University of New York, Cobleskill, NY*
- P15 USGS Streamgauge Network Expansion in the Mohawk River Watershed**
Travis Smith and Gary R. Wall, U.S. Geological Survey, NY Water Science Center, Troy, NY*
- P16 Monitoring the Hudson and Beyond with HRECOS (Hudson River Environmental Conditions Observing System)**
Gavin M. Lemley and Alexander J. Smith, Hudson River Estuary Program, New York State Department of Environmental Conservation, Albany, NY*
- P17 Small Things in Small Streams in Small Towns Causing Big problems**
H. Bachrach, A. Gubbins, M. Pfeffer, J. Stark, S. Turner, C. Gibson, Environmental Studies Program, Skidmore College, Saratoga Springs, NY*
- P18 Surface Water Quality Measurements Upstream and Downstream of Concentrated Human Activity on Flood-Impacted Line Creek in Middleburgh, New York**
Melissa A. Miller, Barbara L. Brabetz, and Neil A. Law, Department of Mathematics & Natural Sciences, SUNY Cobleskill, Cobleskill, NY*
- P19 Tracking Pollution in New York Streams Using Stable Carbon and Nitrogen Isotopic Composition of Primary Producers**
Michelle Berube and Anouk Verheyden-Gillikin, Geology Department, Union College, Schenectady, NY*
- P20 Role of Invasive European Water Chestnut as a Nutrient Bioextractant From Wastewater Outfalls in The Hudson River Estuary**
K. Hu, N. Jesmanitafti, Y. Yang, and S. Rogers, Beacon Institute for Rivers and Estuaries, Clarkson University, Potsdam, NY*