

Mohawk Watershed Symposium - 2024
15 March 2024, College Park Hall, Union College, Schenectady NY

Oral session (College Park) - Registration and badges required. No photography

7:30 AM	8:00 AM	Registration, Coffee - College Park
8:00 AM	8:05 AM	Introductory Remarks <i>Carolyn Rodak, MWS Co-chair, Civil and Environmental Engineering, Union College, Schenectady, NY</i>
8:05 AM	8:20 AM	Flood of October 31 to November 3, 2019, East Canada Creek, West Canada Creek, and Sacandaga River Basins <i>Alexander P. Graziano, U. S. Geological Survey – New York Water Science Center, Troy, NY</i>
8:20 AM	8:45 AM	Upstate Flood Mitigation Task Force Report <i>Kenneth Kemp, New York Power Authority and New York Canal Corporation, Albany, NY</i>
8:45 AM	9:00 AM	Submerge NY: creative approaches to flood risk communication and outreach through public art <i>Kristen Hychka, NYS Water Resources Institute, Cornell University, Ithaca, NY</i>
9:00 AM	9:15 AM	Invasive Water Chestnut and sediment accumulation above the Crescent Dam threaten navigation in the Erie Canal <i>John Garver, MWS Co-chair, Geosciences Department, Union College, Schenectady, NY</i>
9:15 AM	9:30 AM	Salinity tolerance of Round Goby: informing expansion potential in the Hudson River Estuary <i>Kelsey Alvarez del Castillo, Dept. of Natural Resources and the Environment, Cornell University, Ithaca, NY</i>
9:30 AM	10:15 AM	COFFEE and POSTERS (see next page for listing)
10:15 AM	10:30 AM	Use of environmental DNA to assess American Eel distribution, abundance, and barriers in the Mohawk-Hudson river system <i>Scott George, U.S. Geological Survey, New York Water Science Center, Troy, NY</i>
10:30 AM	10:45 AM	Blueback Herring <i>Alosa aestivalis</i> in the Mohawk River: The Good, the Bad and the Ugly <i>Wes Eakin, Department of Natural Resources and the Environment, Cornell University, Ithaca, NY</i>
10:45 AM	11:00 AM	Canals and aquatic invasive species: protecting New York's waterways from harmful species <i>Kate Littrell, New York Power Authority and New York Canal Corporation, Albany, NY</i>
11:00 AM	11:15 AM	Addressing aquatic invasive species movement through the Champlain Canal: partnership efforts working toward solutions <i>Meg Modley Gilbertson, Lake Champlain Basin Program and New England Interstate Water Pollution Control Commission, Grand Isle, VT</i>
11:15 AM	11:40 AM	Why is managing invasive species such a hard problem? <i>Stuart Findlay, Senior Scientist Emeritus, Cary Institute of Ecosystem Studies, Millbrook, NY</i>
11:40 AM	1:05 PM	LUNCH and POSTERS - Lunch at College Park Hall
1:05 PM	1:30 PM	Nitrogen in the Mohawk River and comparable freshwater systems: sources, cycling, and effects on primary production and harmful algae <i>Julian Damashek, Hamilton College, Clinton, NY</i>
1:30 PM	1:45 PM	What's in the water? Critical statistics from sewage release reports and your "Right to Know" <i>Carolyn Rodak, MWS Co-chair, Civil and Environmental Engineering Department, Union College, Schenectady, NY</i>
1:45 PM	2:00 PM	The New York State Climate Impacts Assessment: ecosystem effects in the Mohawk watershed <i>Douglas Burns, U.S. Geological Survey, New York Water Science Center, Troy, NY</i>
2:00 PM	2:25 PM	Drinking water quality and source water protection: challenges in a changing climate <i>Shannon Roback, Riverkeeper, Ossining, NY</i>
2:25 PM	2:50 PM	A Day in the Life of the Hudson & Harbor <i>Rebecca Houser, Education and Outreach Specialist, NYSDEC Hudson River Estuary Program, New Paltz NY</i>
2:50 PM	3:45 PM	COFFEE and POSTERS (see next page for listing)
3:45 PM	4:10 PM	Watershed-scale organizing in the Hudson River Watershed: lessons learned and opportunities <i>Emily Vail, Hudson River Watershed Alliance, Kingston, NY</i>
4:10 PM	4:25 PM	My time on the Mohawk <i>John Lipscomb, Riverkeeper, Ossining, NY</i>
4:25 PM	4:55 PM	Congressman Paul Tonko, NY 20th District
4:55 PM	5:00 PM	Concluding Remarks <i>John Garver, MWS Co-chair, Geosciences Department, Union College, Schenectady, NY</i>
*The lead or presenting author(s) is(are) listed here; for complete author listings and affiliations please refer to the abstract.		
5:00 PM	7:00 PM	Symposium Reception in College Park Hall Lobby, 5:00 - 7:00 PM

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Poster session (all day)

- P1 Problems, progress, and prognoses on the North Chuctanunda Creek and urban trail through Amsterdam**
John Naple, Friends of North Chuctanunda Incorporated, 128 Market Street, Amsterdam, NY
- P2 United States Geological Survey Ice Jam Monitoring Network on the Mohawk River in Schenectady, NY**
Chris Gazoorian, U.S. Geological Survey, New York Water Science Center, Troy, NY
- P3 Rapid, long-range movement and establishment of Round Goby in the Hudson River, NY confirmed through traditional fish sampling, eDNA, and otolith microchemistry**
Rich Pendleton, Cornell University in cooperation with NYS Dept. of Environmental Conservation, New Paltz, NY
- P4 Survey of recreational boating in the Mohawk Watershed**
Daniel Miller, US Coast Guard Auxiliary, Sacandaga-Mohawk Flotilla, Glenville, NY
- P5 Engaging community through art: an ecological field class on the Mohawk River**
Anna Mehlhorn, Department of Natural Resources and the Environment, Cornell University, Ithaca, NY
- P6 PFAS concentration in whole-body fish tissue over 7 years of monitoring downstream of AFFF spill, Rome, NY**
Adam Haines, NYSDEC, Department of Fish and wildlife, Bureau of Ecosystem Health, Albany, NY
- P7 The Schenectady Environmental Education Center: connecting communities, parks, and schools through environmental literacy education and neighborhood-based stewardship activities**
John McKeeby, Executive Director, Schoharie River Center, Inc., Burtonsville, NY
- P8 Risk communication and the MyCoast App: an exploration of the challenges and benefits of applications for documenting flooding in the Lower Hudson Valley**
Michael H. Finewood, Department of Environmental Studies and Science, Pace University, Westchester, NY
- P9 Fluoride as a tracer of municipal water: the Hans Groot Kill case study in Schenectady, NY**
John Garver, MWS Co-chair, Geosciences Department, Union College, Schenectady, NY
- P10 Water quality of the Kromme Kill and Collins Lake system, Scotia and Glenville NY: septic failure and salinization**
Emma L. Phillips, Environmental Science and Policy Program, Union College, Schenectady, NY
- P11 Microplastic analysis of high-flow and low-flow streams located in Rensselaer County: final results**
Inara Ilse, Columbia High School, East Greenbush, NY
- P12 Impacts of road salt on drinking water quality**
Louis Albanese, Bennington College Endeavor Fellows, Bennington, VT, and Riverkeeper, Ossining, NY
- P13 Configuration and time-related deformation of isolated islands within the Schoharie Creek**
Ashraf Ghaly, Civil and Environmental Engineering, Union College, Schenectady, NY
- P14 Dam removal: logical or controversial?**
Ashraf Ghaly, Civil and Environmental Engineering, Union College, Schenectady, NY
- P15 Observations from longitudinal monitoring of fecal indicator bacteria (*Enterococci* and *Escherichia coli*) in the Mohawk River Watershed**
Neil Law, Department of Natural Sciences, SUNY Cobleskill, Cobleskill, NY
- P16 DNA barcoding for the detection of invasive species in the Hudson River: a molecular approach for ecosystem monitoring**
Shalini Varma, BCP Department, Hudson Valley Community College, Troy, NY

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