

Mohawk Watershed Symposium - 2017
 17 March 2017, College Park, Union College, Schenectady NY

Oral session (College Park) - Registration and Badges required

8:00 AM	8:25 AM	Registration, Coffee, College Park
8:25 AM	8:30 AM	Introductory Remarks <i>Jackie Cockburn, MWS Co-Chair, University of Guelph</i>
8:30 AM	8:45 AM	Developing a formula for fair distribution of water for rivers with multi riparian states <i>Ashraf Ghaly, Union College</i>
8:45 AM	9:00 AM	Electric and solar electric boats for the Mohawk Basin: Clean tourist navigation to match clean canal-side tourism <i>David Borton, Sustainable Energy Systems</i>
9:00 AM	9:15 AM	Making connections: A win-win proposition <i>Amanda Post, Sterling Environmental Engineering</i>
9:15 AM	9:41 AM	Climate change and extreme events: impacts on streamflow and water quality - Invited <i>Douglas Burns, New York Water Science Center, U.S. Geological Survey</i>
9:41 AM	10:26 AM	COFFEE and POSTERS (see below for listing)
10:26 AM	10:52 AM	The distribution of microplastic pollution in the Mohawk River - Invited <i>Jacqueline Smith, Union College</i>
10:52 AM	11:07 AM	Perfluorooctanoic acid (PFOA): A local water contamination crisis <i>Laura MacManus-Spencer, Union College</i>
11:07 AM	11:33 AM	PCBs: How the Mohawk fits into the Hudson's legacy of contamination - Invited <i>Sean Madden, NYS Department of Environmental Conservation</i>
11:33 AM	11:59 AM	Project overview of lessons for the Mohawk River: Youth engagement and environmental stewardship - Invited <i>Amy Samuels and Stephanie Johnson, Onondaga Environmental Institute</i>
11:59 AM	12:09 PM	Developing a sense of Place: the Amsterdam bridge <i>Scott Hadam, Schoharie River Center</i>
12:09 PM	1:29 PM	- LUNCH and Poster Sessions - Lunch at College Park
1:29 PM	1:55 PM	Enhanced water quality monitoring in support of modeling efforts in the Mohawk River Watershed - Invited <i>Alexander J. Smith, NYS Department of Environmental Conservation</i>
1:55 PM	2:21 PM	The leak, the rain, and the river: What we learned about CSO's, run-off, and the Mohawk River's water quality in 2016 - Invited <i>Barbara Brabetz, SUNY Cobleskill</i>
2:21 PM	2:36 PM	Mohawk River water quality: Spatial and temporal trends in bacterial indicators of fecal contamination during the Summer of 2016 <i>Carolyn Rodack, SUNY Polytechnic Institute</i>
2:36 PM	3:02 PM	Stream and river restoration in the Mohawk River Watershed in Oneida County - Invited <i>Jo-Anne Humphreys, Oneida County Soil and Water Conservation District</i>
3:02 PM	3:47 PM	COFFEE and POSTERS (see below for listing)
3:47 PM	4:02 PM	Drinking source water protection: A case study and call for comprehensive action <i>Dan Shapley, Riverkeeper</i>
4:02 PM	4:28 PM	Safe water infrastructure action program (SWAP) <i>Plenary Address: Assemblymember Phil Steck, NYS Assembly District 110, Colonie, Niskayuna & Schenectady</i>
4:28 PM	5:28 PM	Linking an empire: Understanding the historical significance of the Mohawk River <i>Keynote Address: L.F. Tantillo, Artist and Historian</i>
5:28 PM	5:33 PM	Closing remarks and the future of the Symposium <i>John Garver, MWS Co-Chair, Union College</i>
5:45 PM	7:15 PM	Symposium Reception College Park Hall Lobby, 5:45 - 7:15 PM

*The lead or presenting author is listed in the schedule, for complete author affiliation please refer to the abstract.

Poster session (all day)

- P1** **The Flat Creek and Otsquago Creek: A rapid bio-assessment of two tributaries of the Mohawk River**
E. Abrams, B. Behan, M D'Arcangelis, Z. D'Arcangelis, M. Elliott, M. Hoffamn, J. Huang, Q. Jones, C. Logan, P. Murphy, J. Stockwell, B. Thibodeau, L. Veitch, M. Wintermute, L. Elliott, J. McKeeby, Z. McKeeby, & S. Hadam Environmental Science Team, Fort Plain, NY
- P2** **NYC-DEP and NYPA: Comparing and contrasting public policy and institutional adaptation to climate change**
H. Bartholomew, Dam Concerned Citizens, Middleburgh, NY
- P3** **The need for a geohazard app in Herkimer, NY: Government entity preparedness for future flooding**
A. Catalano, M. Jones, M. Lovejoy, A. Marsellos, Hofstra University, Hempstead, NY
- P4** **A series of snap-shots: Data and observations from the Riverkeeper & SUNY Cobleskill Mohawk River water quality project as it enters year three**
T. Dell'Acqua, B. Brabetz, N. Law, J. Epstein, J. Lipscomb, & D. Shapley, SUNY Cobleskill, NY
- P5** **Impacts of urbanization of stream biogeochemistry in Schenectady County, NY**
C. Connors & A. Verheyden, Union College, Schenectady, NY
- P6** **Union College Water Initiative**
A. Dolcimascolo, H. Frey, K. Hollocher, A. Ludlam, J. Dunn, Union College, Schenectady, NY
- P7** **Assessing mobile application importance for future flooding using statistical analysis and GIS: a study in Fort Plain, New York**
L. D'Orsa, K. Nandlall, J. Sacket, & A. Marsellos, Hofstra University, Hempstead, NY
- P8** **Water quality and hydrodynamic characterizations of sturgeon spawning habitat in the St. Lawrence River and tributaries**
C. Fuller, J. Bonner, S. Islam, W. Kirkey, P. O'Brien, & P. Kirkey, Clarkson University, Postdam, NY
- P9** **Efficacy of environmental DNA and traditional fish sampling methods to monitor the expansion of invasive round goby in the Mohawk River-Barge Canal System**
S. George, C. Rees, & B. Baldigo, NY Water Science Center, U.S. Geological Survey, Troy, NY
- P10** **Dams: Miraculous or disastrous?**
A. Ghaly, Union College, Schenectady, NY
- P11** **Early detection and range expansion of the Mohawk watershed's newest aquatic invader, the bloody red shrimp: A citizen science and survey-based approach**
A. Gundek, J. Roellke, M. Foucek, M. Warren, E. Stapylton, E. Hedlund, & B. Boscarino, Poughkeepsie Day School, Poughkeepsie, NY
- P12** **Our river... Our home: The Amsterdam pedestrian bridge, sense of place and environmental concern for the Mohawk River**
S. Hadam, J. McKeeby, E. McHale, B. Suchak, J. Naple, L. English, F. Stately, K. Helmsley, & J. Schmidtman, Schoharie River Center, Burtomsville, NY
- P13** **Temporal and spatial variability of PFOA in Hoosick Falls, NY**
A. Hayden, L. MacManus-Spencer, & A. Verheyden Union College, Schenectady, NY
- P14** **Monitoring the Hudson and beyond with HRECOS: The Hudson River environmental conditions observing system**
G. Lemley & A.J. Smith, Hudson River Estuary Program/NEIWPCC, Albany, NY
- P15** **Blue-green algae in the Mohawk Watershed**
E. Lennon, K. Reynolds, A. Feldmann, K. Terbush, G. Cebada Mora, & J. Morisette, Environmental Management Bureau, NYS Office of Parks, Recreation, & Historic Preservation
- P16** **Evaluating the efficacy of environmental DNA (eDNA) as an early detection tool for the Mohawk Watershed's newest aquatic invader, the bloody-red shrimp, Hemimysis anomala.**
S. Oyagi, B. Boscarino, M. Brown, & M. Tibbetts, Poughkeepsie Day School, Poughkeepsie, NY
- P17** **Statistical analysis of damage to local businesses due to flooding events along the Mohawk River valley in Amsterdam, New York**
T. Pascucci, D. Chernoff, S. Lakeram, & A. Marsellos, Hofstra University, Hempstead, NY
- P18** **Revealing local history and inspiring change through the art of future canallers**
A. Slawienski & L. Biggers, Harry Hoag Elementary School, Fort Plain, NY
- P19** **Fly ash and coal ash in the Mohawk River**
J.A. Smith, J.I. Garver, J.L. Hodge, & B.H. Kurtz, Union College, Schenectady, NY
- P20** **Systematic investigation of the effects of perfluoroalkyl acid chain length and ionic head group on human serum albumin binding**
J. Ulrich & L. MacManus-Spencer, Union College, Schenectady, NY
- P21** **The IAEA global network of isotopes in precipitation and rivers (GNIP and GNIR) stations at Union College**
A. Verheyden, S. Katz, & D. Gillikin, Union College, Schenectady, NY