

Mohawk Watershed Symposium - 2014
21 March 2014, College Park, Union College, Schenectady NY

Oral session (College Park) - Registration and Badges required

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| 8:30 AM | 8:55 AM | Registration, Coffee, College Park |
| 8:55 AM | 9:00 AM | Introductory Remarks <i>J. Cockburn, Geography Department, University of Guelph</i> |
| 9:00 AM | 9:26 AM | A New Tool to Monitor Ice Jam Flooding Along the Mohawk River, Schenectady, NY (invited) <i>G.R. Wall*, C. Gazoorian, J.I. Garver</i> |
| 9:26 AM | 9:41 AM | Predicting Occurrences of Ice Jam Flooding on the Mohawk River at the End of the 21st Century <i>S.B. Shaw*, A.M. Ryan</i> |
| 9:41 AM | 9:56 AM | Potential Synoptic Examination of Paleoflooding in the Schoharie Valley using Sediment, Tree, and Speleothem Cores as Indicators of Wet/Dry Climatic Episodes <i>H.R. Bartholomew*, A.J. Bartholomew</i> |
| 9:56 AM | 10:22 AM | Erosion Mitigation and Habitat Improvement Through Bio-engineering and Natural Channel Design (invited) <i>P. Villard</i> |
| 10:22 AM | 11:02 AM | COFFEE and POSTERS (see below for listing) |
| 11:02 AM | 11:28 AM | Land-use and River Management Strategies for Reducing Flood Risk & Protecting Water Quality (invited) <i>J. Moore</i> |
| 11:28 AM | 11:43 AM | United States Geological Survey Streamgages in the Mohawk River Watershed <i>C. Gazoorian</i> |
| 11:43 AM | 11:58 AM | Spatial Analysis of Boil Water Advisories Issued During an Extreme Weather Event in the Mohawk-Hudson Watershed <i>S. Vedachalam*, M.E. John, S.J. Riba</i> |
| 11:58 AM | 12:24 PM | An Update of Climate Change Research in New York State (invited) <i>M. Watson</i> |
| 12:24 PM | 1:54 PM | - LUNCH and Poster Sessions - Lunch at College Park |
| 1:54 PM | 2:20 PM | The Resilient Neighborhood: Flood Mitigation as an Economic Engine (invited) <i>R. Hill</i> |
| 2:20 PM | 2:35 PM | The Clash Between Interest in Preserving Clean Water and Need for Energy Development: Eventual or Avoidable? <i>A. Ghaly</i> |
| 2:35 PM | 2:50 PM | Promoting Resilient Shorelines along the Hudson River Estuary: The Sustainable Shorelines Project <i>S. Findlay*, D. Strayer, B. Blair, D. Miller, J. Miller, N. Georgas, A. Rella, E. Hauser, K. Marcell</i> |
| 2:50 PM | 3:16 PM | A Century of West Canada Creek Water Management: the Case Against the Fragmented Approach (invited) <i>T. Zembrzusi</i> |
| 3:16 PM | 3:51 PM | COFFEE and POSTERS (see below for listing) |
| 3:51 PM | 4:17 PM | Mohawk River Watershed Management Plan: Final Steps to Plan Completion and Progress Toward Phase I Implementation 2014/2015 (invited) <i>D.A. Mosher*, P.M. Nichols, W. McIntyre</i> |
| 4:17 PM | 4:43 PM | Place-Esteem as the Foundation for Stewardship (invited) <i>J. Kennedy</i> |
| 4:43 PM | 5:04 PM | Sustainable Infrastructure on the Mohawk: The Need for Innovation and Investment in Programs, Policies and Projects that Improve our Environment and Promote our Communities <i>Congressman Paul Tonko, 20th District of New York</i> |
| 5:04 PM | 5:14 PM | Headwaters to the Sea: Opening Sea-run Fish Migration <i>Laura Rose Day, Executive Director of the Penobscot River Restoration Trust</i> |
| 5:14 PM | 5:19 PM | Closing Remarks <i>J.I. Garver, Geology Department, Union College</i> |

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

Headwaters to the Sea: Opening Sea-run Fish Migration Corridors on Maine Rivers and Breaking Down Barriers to Large-scale Restoration

Laura Rose Day, Executive Director of the Penobscot River Restoration Trust

Poster session (all day)

- P1** **Microplastics in the Mohawk-Hudson Watershed**
B. Barry, J.A. Smith
- P2** **The Need for Analysis of the Impact of Discharge, on August 28, 2011, of Three Flood Control Dams at the Headwaters of the Batavia Kill on Infrastructure in the Schoharie Valley**
H.R. Bartholomew, R. Price
- P3** **Identifying Erosion Hazard to Municipal Infrastructure: Preparing for Extreme Events**
J. Cleveland, K.E. Moore, J. Kusler
- P4** **Runoff Regimes in Schoharie River**
J. Cockburn, J.I. Garver
- P5** **The One Hundredth Anniversary of the Record Flood at Schenectady on the Mohawk River**
S.N. DiRienzo, B. Westergard
- P6** **Insight from Ice Jams on the Lower Mohawk River, NY**
J.I. Garver
- P7** **GIS Illustrations of the Potential Effects of Hydrofracking Technology on Water Resources in New York State**
A. Ghaly
- P8** **Monitoring the Hudson and Beyond with HRECOS (Hudson River Environmental Conditions Observing System)**
G.M. Lemley, A.M. Onion, A.J. Smith
- P9** **After the Flood: Impact of Hurricane Irene & Tropical Storm Lee on Schoharie Creek Tributaries**
E. Malone, A. Zerbian, M. Cornwell, B. German, P. Nicols
- P10** **Prediction Model for the Water Discharge Time Series in Mohawk Watershed, NY**
A. Marsellos, K. Tsakiri
- P11** **Improving Water Quality in the Mohawk River Basin through Expanding Community Based Stream Monitoring Teams and Riparian Recovery Activities on the Schoharie and Mohawk Watershed**
J.M. McKeeby and Schoharie River Center Students
- P12** **WAVE is coming to the Mohawk Basin in 2014**
A. Onion
- P13** **Sediment Mobilization in the Schoharie Watershed**
J. Van Patter, J. Cockburn, J.I. Garver
- P14** **A Management Plan for the Mohawk River Watershed: Engaging the Community**
A.T. Vawter, E.C. Moran, L. Wagenet
- P15** **Analyzing the Spatial and Temporal Slope Instability Patterns at the Burtonsville, N.Y. Landslide Using Dendrogeomorphological Approaches**
M. Vetta, J. Cockburn, J.I. Garver