

Mohawk Watershed Symposium - 2011
18 March 2011, Olin Center, Union College, Schenectady NY

- Final Program -

Friday 18 March 2011

Oral session (Olin Auditorium) - Registration and Badges required

- 8:30 9:00 Registration, Coffee. Olin Foyer**
- 9:00 9:10 Introductory remarks**
John I. Garver, Geology Department, Union College, Schenectady, NY
- 9:10 9:35 Sediment in the Mohawk, the Big Picture**
Simon Litten, Department of Environmental Conservation, New York State
- 9:35 9:53 Changes in the hydrology of the Mohawk Watershed and implications for watershed management**
John I. Garver, Geology Department, Union College, Schenectady, NY
- 9:53 10:11 Analysis of Flood on October 1, 2010**
Howard Bartholomew, Dam Concerned Citizens
- 10:11 10:29 Evaluating discharge patterns in rivers across New England**
Jaclyn Cockburn, College of the Atlantic, Bar Harbor, ME
- 10:29 10:59 COFFEE and POSTERS (see below for listing)**
- 10:59 11:24 Hydroelectric power in the Mohawk River Watershed: Past present and future**
James Bessa, Albany Engineering Corporation
- 11:24 11:42 A Comparison of Hinckley Reservoir Operation for Selected Years**
Elisabetta T. DeGironimo, Mohawk Valley Water Authority
- 11:42 12:00 Emerging aquatic contaminants**
Laura MacManus-Spencer, Department of Chemistry, Union College, Schenectady, NY
- 12:00 12:18 LiDAR Examination of Meander Migration in the Mohawk River Watershed**
Ashraf Ghaly, Department of Engineering, Union College, Schenectady, NY
- 12:18 12:36 High frequency monitoring in the Mohawk Valley**
Alene Onion, Hudson River Estuary Program, NYS DEC
- 12:36 13:56 - LUNCH -**
- 13:56 14:21 Unlocking the Utica Harbor: A restoration case study**
Howard Goebel, Canal Hydrologist, NYS Canal Corp
- 14:21 14:39 Watershed management: Considering groundwater and dependent ecosystems**
Kenneth Smith, Local and Regional Programs, New York State Department of State
- 14:39 14:57 Using Lidar and Ancillary Data to Answer Water Resource Questions**
Ricardo Lopez-Torrijos
- 14:57 15:15 Watershed based floodplain coordination and outreach**
William Nechamen, Floodplain Management Section, NYS DEC

15:15 15:45 COFFEE and POSTERS (see below for listing)

15:45 16:10 Water rights in the balance: The MVWA vs NYS Canal Corp. Dispute

Frank Montecalvo, Consultant, West Canada Creek Riverkeepers

16:10 16:28 The Schoharie River Center's Environmental Study Team: A community based watershed education program progress report 2010

John McKeeby, Jessica Jones, Mary Rachael Keville, Zach McKeeby, Schoharie River Center

16:28 16:53 Working toward a Watershed Management plan: a progress report from the Mohawk River Watershed Coalition of Conservation Districts

David Mosher, Schenectady County Soil and Water Conservation District

16:53 17:03 Discussion and Conclusions

Jaclyn Cockburn, College of the Atlantic, Bar Harbor, ME

Symposium Reception (Old Chapel) 5:30 PM to 6:30 PM, Dinner and Keynote to follow

Poster session (all day)

F1 Sedimentation in the Schoharie Reservoir

Sherrie Bartholomew, Howard Bartholomew, Alexander Bartholomew, Dam Concerned Citizens and SUNY New Paltz, NY

F2 Predicting trigger level for ice jam flooding of the lower Mohawk River using LiDAR and GIS

J.A. Foster, A.E. Marsellos, J.I. Garver, Department of Geological Sciences, University of Florida Gainesville and Geology Department, Union College, Schenectady, NY

F3 Sedimentary provenance and paleoflood history of the Mohawk River as recorded in Collins Pond, Scotia, NY

Kaitlin Clark, Donald Rodbell, Geology Department, Union College, Schenectady, NY

F4 Hydroelectric power potential in the Mohawk River Basin

Ashraf Ghaly, Department of Engineering, Union College, Schenectady, NY

F5 Using ArcMap to measure meander migration of the Normanskill River, Albany NY

Caitlin Lauback, Stephanie Maes, Paul Benzing, Department of Geology, The College of St. Rose, Albany, NY

F6 Schenectady County Environmental Advisory Council (SCEAC) and its activities related to water and climate

Mary Werner, Laura MacManus-Spencer and Kathy Rowland, Schenectady County Environmental Advisory Council

F7 USGS streamgages in the Mohawk River basin

Thomas P. Suro, P.H., CFM, Hydrologist & Engineer, U.S. Geological Survey