

Mohawk Watershed Symposium - 2009
27 March 1009, Olin Center, Union College, Schenectady NY
- FINAL PROGRAM -

Friday 27 March 2009

Oral session (Olin Auditorium) - Registration and Badges required

- 8:30 8:50 Registration, Coffee. Olin Foyer**
- 8:50 9:00 Introductory remarks**
John I. Garver, Geology Department, Union College
- 9:00 9:20 Watershed yield of Hg to Onondaga Lake and some lessons for the Mohawk (Invited)**
Betsy Henry, Senior Managing Scientist, Exponent; Gary Bigham, Exponent
- 9:20 9:37 Gilboa Dam and Schoharie Reservoir**
Howard Bartholomew, Dam Concerned Citizens, Inc.; Michael Quinn, Director, CHA Companies, Inc
- 9:37 9:54 Patterns of Scour and Methods of Remediation of Impacted Infrastructure Facilities**
Ashraf Ghaly, Ph.D., P.E., Union College
- 9:54 10:11 Recent Flood Studies in the Mohawk Watershed**
Ricardo Lopez-Torrijos, Watershed Geographic Information Technologies, NYS Department of Environmental Conservation
- 10:11 10:28 June 2006 Flood in Mohawk River basin**
Thomas P Suro, US Geological Survey
- 10:28 10:45 The West Canada Riverkeepers**
Kathleen Kellogg, Executive Director, West Canada Riverkeepers
- 10:45 11:15 COFFEE and POSTERS**
- 11:15 11:35 Using Dual Isotope Tracers to Learn about the Sources and Transformations of Nitrate during Transport in the Mohawk River basin (Invited)**
Douglas A. Burns, U.S. Geological Survey, Troy, NY, Elizabeth W. Boyer, Pennsylvania State Univ., State College, PA, Emily M. Elliott, Univ. of Pittsburgh, Pittsburgh, PA, Carol Kendall, U.S. Geological Survey, Menlo Park, CA
- 11:35 11:52 A historical perspective of Ice Jams on the lower Mohawk River**
John Garver, Jaclyn M.H. Cockburn, Geology Department, Union College
- 11:52 12:09 Wetlands, sub-catchments and invasive plants in the Adirondack Park portion of the Mohawk River watershed**
Mark Rooks, New York State Adirondack Park Agency
- 12:09 12:26 Organizing for action in the Mohawk River Basin**
Frederick E. Miller, Mohawk Valley Heritage Corridor Commission
- 12:26 12:43 Establishing a Gradient of Environmental Condition in the Mohawk River Basin for use in Prioritizing Environmental Management Decisions**
Karen M. Stainbrook, Watershed Assessment Associates; Alexander J. Smith, NYS Department of Environmental Conservation Stream Biomonitoring Unit; Robert W. Bode, Mohawk River Research Center, Inc.; Gary R. Wall, Mohawk River Research Center, Inc.; J. Kelly Nolan, Watershed Assessment Associates
- 12:43 13:53 - LUNCH - (on your own)**
- 13:53 14:13 River Assessing Nutrient Runoff in the Little Chazy River, northeastern New York (Invited)**
David A. Franzi, Center for Earth and Env. Sci., SUNY Plattsburgh; Robert D. Fuller, Center for Earth and Env. Sci., SUNY Plattsburgh; Steven Kramer, William H. Miner Agricultural Research Inst. Jeffrey Jones, Center for Earth and Env. Sci., SUNY Plattsburgh
- 14:13 14:29 GIS Model of Aquatic Habitat Suitability for the Central Mohawk River Basin**
John B. Davis, Univ. at Albany/SUNY, Department of Biological Sciences; George Robinson, Univ. at Albany/SUNY, Department of Biological Sciences
- 14:29 14:45 The New York State Canal System**
Carmella R. Mantello, New York State Canal Corporation

- 14:45 15:01 A Hydrostratigraphic Model of glacial deposits in the eastern Mohawk Lowlands**
Robert J. Dineen, Geigertown, PA
- 15:01 15:17 The Environmental Study Team - youth development through local environmental field research**
*John M. McKeeby, Schoharie River Center; Caitlin McKinley,
 Duanesburg High School; Ariana Schrader-Rank. Schalmont High School*
- 15:17 15:47 COFFEE and POSTERS**
- 15:47 16:03 Responsible Planning for future ground water use from the Great Flats Aquifer**
Thomas M. Johnson, Hydrogeologist, Alpha Geoscience
- 16:03 16:19 Lower Mohawk River Fisheries**
Norm McBride, Region 4 Fisheries Office, NYS Department of Environmental Conservation
- 16:19 16:34 Current trends and future possibilities: monitoring for the future and how watershed dynamics may be affected by global climate change**
Jaclyn M.H. Cockburn, John Garver, Amanda Kern, Geology Department, Union College
- 16:34 16:50 The NYSDEC Mohawk River Basin Program: an ecosystem based approach to managing the resources of the Mohawk River and its watershed (invited)**
Anne Reynolds, Paul Bray, Alexander Smith, NYS Department of Environmental Conservation
- 16:50 17:00 Discussion and Concluding remarks**
Cockburn, J.M.H.

Poster session (all day)

- F1 A GIS Study of the Mohawk River Watershed Using Digital Elevation Models**
Ashraf Ghaly, Ph.D., P.E., Union College
- F2 Failure of the Bowman Creek landslide, Schoharie Creek**
Amanda Bucci, J.I. Garver, Environmental Science and Policy, Union College
- F4 A GIS Study of Flow Pattern and Flooding in the Mohawk River Basin**
Isaiah Buchanan, Samuel Rothblum, Environmental Science and Policy, Union College
- F4 USGS stream and water monitoring**
- F5 Dam Concerned Citizens**
- F6 Schenectady County Environmental Advisory Council (SCEAC)**

All speakers will be have available poster space.

Symposium Reception (Old Chapel) 5:30 PM to 6:30 PM

Old Chapel (on campus, walking distance to Olin Center)

Symposium Banquet (Old Chapel) 6:30 PM to 8:30 PM

Keynote talk: "Bums and Drums along the Mohawk"

R.H. Boyle