



Watershed Management & Science Conference

May 21– 22, 2007

Binghamton University
Binghamton, New York

2007 WATERSHED MANAGEMENT & SCIENCE CONFERENCE

Monday, May 21, 2007

- 12:50-1:00 pm Welcome and Introduction—Weixing Zhu
Academic A, Room G08 (*refreshments provided*)
- 1:00-1:50 pm Robert W. Howarth-Cornell University
Insights gained from comparative analysis at large spatial scales: Human and climate influences on the fluxes of nitrogen from large watersheds.
- 1:50-2:40 pm Ann Swanson-Chesapeake Bay Commission
Chesapeake Bay Watershed Restoration: Where Science Meets Policy.
- 2:40-3:30 pm Peter Murdoch-U.S. Geological Survey
Deciphering Nature's Signals—Measuring the Effects of Acid Rain and Climate Warming Using a Watershed Approach.
- 3:30-5:00 pm Campus Watershed Walk (*leaves from Acad. A, G08 and ends at poster session*); Led by Dylan Horvath and Weixing Zhu
- 5:00-6:00 pm Poster Session, Science 1—Geology Bldg., Room 145
(*Refreshments will be served*)
- 6:30 pm Dinner, Old Union Hall, University Union
(*Pasta Primavera, carved beef, chicken breast teriyaki*)

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Tuesday, May 22, 2007

- 8:00-8:30 am Continental Breakfast, Academic A, Room G08
- 8:30-10:00 am Concurrent Breakout Session I
Flooding Session; Room G19
Non-Point Source Pollution Session, Room G21
Environmental Education, Room G23
- 10:00-10:15 am Coffee Break, Room G08
- 10:15-11:45 am Concurrent Breakout Session II
Emerging Issues, Room G19
Land-use Impact and Policies, Room G21
Stakeholder Concerns, Room G23
- 12:00-1:30 pm Lunch , Old Union Hall, University Union
(assorted deli sandwiches and salads provided)
- 1:30-3:00 pm Symposium Synthesis, Academic A, Room G08
- 3:00-3:30 pm Break and departure from Binghamton University

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POSTER SESSION

5:00-6:00 pm, Monday, May 21

Science 1, Geology Dept., Room 145

Bruns, D., *CITYgreen as a GIS watershed planning tool.*

Bruns, D., *Water quality monitoring on an American Heritage River: Lessons learned.*

Cousineau, L.M., Natel, H., Mitra, S., Graney, J., *Sewage derived organic compounds, trace metals, and nutrients as indicators of wastewater treatment plant discharge into the Upper Susquehanna River.*

N. Hantsch and W. Zhu, *Stream chemistry of forested headwater watersheds along the Binghamton—to—Catskill urban-rural gradient.*

Homyak, P.M., *Wood Chips: A potential best management practice to minimize adverse water chemistry changes following forest harvesting.*

Nagle, G., *Sediment sources and management of eroding stream banks in the Upper Susquehanna Basin.*

Natel, H.H., Graney, J.R., Hantsch, N. and Zhu, W., *Urban impacts superimposed over natural geochemical variations in the Susquehanna and Chenango Rivers near Binghamton, New York.*

Urban, R.A., Titus, J. E., and Zhu, W., *Shading by an invasive macrophyte accounts for its cascading ecosystem effects.*

Zhu, B., Fitzgerald, D.G., Hoskins, S.B., Mayer, C.M., and Mills, E.L., *Quantifying changes of submerged macrophytes in Oneida Lake and Lake Ontario from 1972 to 2002.*

Oral Presentations at Breakout Sessions

Gregory N. Nagle, Emerging Issues: *Stream Rehabilitation in NY.*

Peter Woodbury, Non-point Source Pollution: *Modeling Nitrogen in the Upper Susquehanna Basin of New York using the SCOPE NANI Approach.*

Chip McElwee, Stakeholder Concern: *Stakeholder watershed identification and Role of SWCD in watershed management.*

Peter Knuepfer, Flooding: *Flood frequency analysis of the June 2006 Binghamton flood.*

Weixing Zhu, Pollution: *Dual impacts of high pollutant input and landscape configurations on pollutant output and retention.*

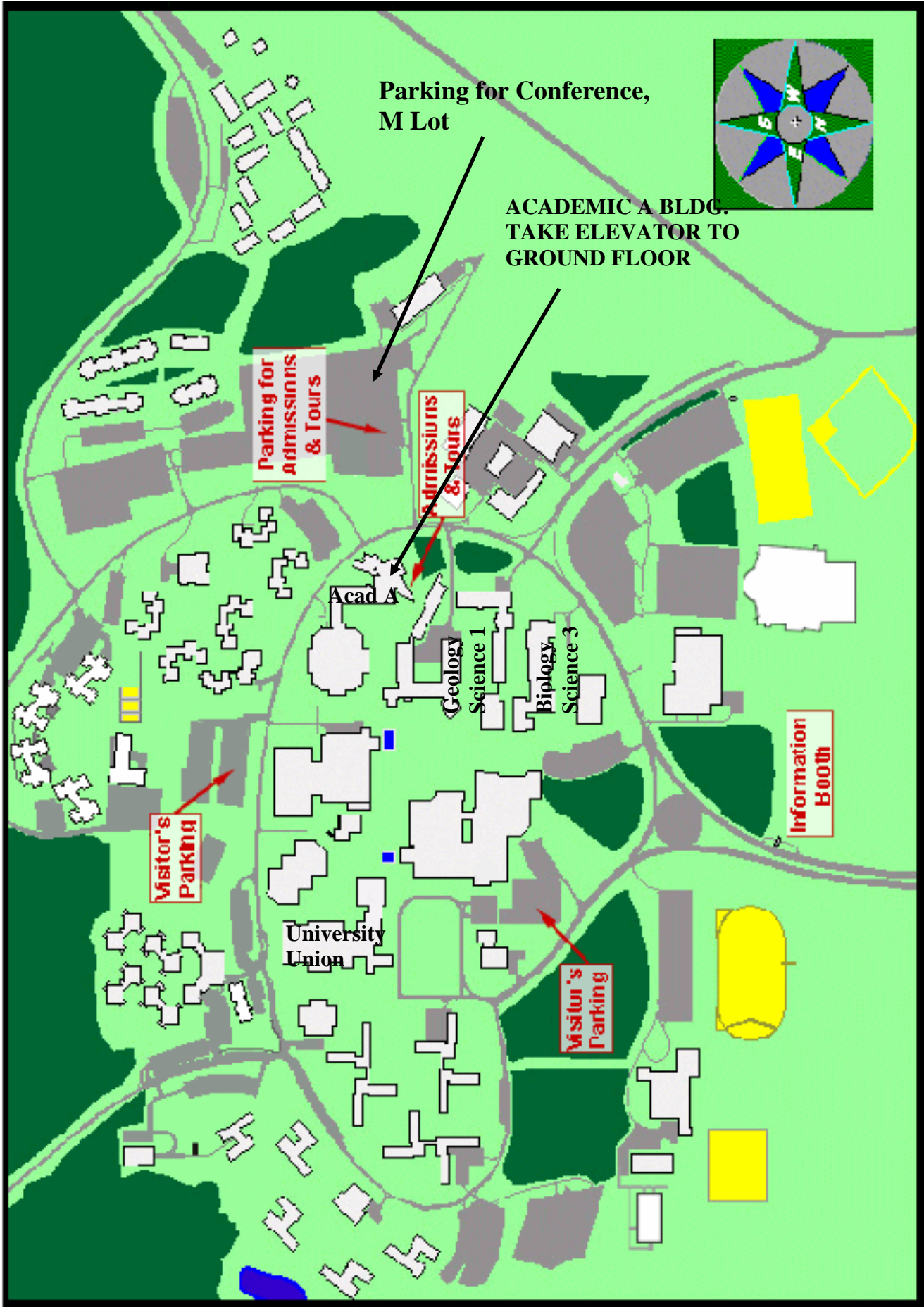
Burrell Montz, Policy: *Managing land for sustainable watersheds: Issues with developing political will.*

List of Pre-Registered Participants

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