

Catskill Environmental Research & Monitoring Conference - Day 1 - Thursday, October 25, 2012			
8:00 to 8:30 Registration			
Welcome, Opening Remarks & Keynote Address - Moderated by Lorraine Janus, NYCDEP			
8:30	Gretchen Rae	CCE Ulster County	Welcome, Facility-related Announcements
	Lydia Reidy	CCE Ulster County	Opening Remarks
	Paul V. Rush	NYC DEP	Opening Remarks
	Willie Janeway	NYS DEC	Opening Remarks
8:50	William Schlesinger	Cary Inst of Ecosystem Studies	Keynote: Climate Change: Effects on Human and Ecosystem Health
Session 1: Overview of Catskill Region Geology, Soils & Climate - Moderated by Chuck Ver Straeten, NYS Museum/Geol Survey			
9:35	Chuck Ver Straeten	NYS Museum/Geol Survey	<i>Beneath it All: A Review of Bedrock Geology of the Catskills</i>
10:05	Andrew Kozlowski	NYS Museum/Geol Survey	<i>Glacial Geology of the Catskills: Classic Landscapes, New Data & Old Debates</i>
10:35 to 10:50 Break			
10:50	Chris Johnson	Syracuse University	<i>Chemical Properties of Forest Soils in the Catskill Region</i>
11:20	Dan Zarrow	Cornell University	<i>Review of Catskill Climate & Extreme Weather, Projections thru 2100</i>
Session 2: Selected Topics in Terrestrial Ecosystems - Moderated by Steve Parisio, NYSDEC			
11:50	Fred Gliesing	NYC DEP	<i>DEP Forest Inventory & Analysis</i>
12:10	Erik Kiviat	Hudsonia	<i>Human-disturbed Sites as Sentinels for Early Detection of Nonnative Plants</i>
12:30 to 1:30 LUNCH			
Session 3: Catskill Forest Health: Status and Prospects - Moderated by Gary Lovett, Cary Institute of Ecosystem Studies			
1:30	Gary Lovett	Cary Inst of Ecosystem Studies	<i>Big Changes from Little Bugs: Impacts of Exotic Forest Pests & Pathogens</i>
2:00	Gregory Lawrence	US Geological Survey	<i>Long-term Impacts of Air Pollution on Catskill Forests</i>
2:30	Rene' Germain	SUNY-ESF	<i>Family Forests in the Catskills: Are they Productive? Sustainable? Resilient?</i>
3:00 to 3:30 Break			
Session 4: Biodiversity and Climate Change in the Catskills - Moderated by Morton S. Adams, Catskill Inst for the Environment			
3:30	Morton S. Adams	Catskill Institute for the Environment	<i>Integrated Climate-Change Biodiversity Assessment in the Catskills: Is it Possible ?</i>
4:00	Don Pierson	NYCDEP	<i>Simulations of the NYC Water Supply under Future Climate Conditions: Initial Results and Some Lessons Learned</i>
4:30	Tim Howard	New York Natural Heritage Program	<i>The Catskills Connection: Using Species Distribution Modeling to Inform Regional Connectivity Assessments under Current-day and Future Climate</i>
5:00 to 6:30 Posters & Mixer			
6:30 to 7:30 Dinner, Guest Speaker: Robert Titus, Hartwick College			

Catskill Environmental Research & Monitoring Conference - Day 2 - Friday, October 26, 2012

8:00 to 9:00 Breakfast (Optional), Workshop on Cooperative Research led by Don Pierson, NYCDEP

Session 5: Climate Change, Extreme Weather Events and Flooding: Impacts on Streams & Riparian Ecosystems in the Catskill Region - Moderated by Mark Vian, NYCDEP

9:00	Mark Vian	NYCDEP	<i>The Role of Large Flows in Stream Ecosystem Integrity in the Catskills</i>
9:30	Cifford Kraft	Cornell University	<i>Wood Recruitment Dynamics In Streams of The Northeastern U.S.: What Can We Learn From Flood Events ?</i>

10:00 to 10:30 Break

10:30	Hong-Hanh Chu	SUNY-ESF	<i>Examining Higher Hydraulic Gradients in Restored Streams and the Implications on Hyporheic Exchange</i>
11:00	Bernard Sweeney	Stroud Water Research Center	<i>Variation in Water Quality among Streams Providing Drinking Water for New York City: Ecological, Societal, and Practical Implications</i>

Session 6: Research & Monitoring to Assess Contemporary Issues in the Upper Esopus Creek - Mod. by Barry Baldigo, USGS

11:30	Michael McHale	US Geological Survey	<i>The Influence of Large Storms on Sediment and Turbidity Concentrations and Loads in The Upper Esopus Watershed</i>
11:50	Scott George	US Geological Survey	<i>Effects of Tropical Storm Irene on Fish Assemblages in the Upper Esopus Creek</i>
12:10	Chris Callinan	SUNY-New Paltz	<i>Diagnostic Assessment of Warner Creek - Three Years of Student Conducted Research: Conclusions and Implications</i>

12:30 to 1:30 LUNCH

Session 7 - Invasive Species - Moderated by Meredith Taylor, Catskill Center for Conservation & Development

1:30	Donna Vogler	SUNY-Oneonta	<i>Distribution Mapping and Potential Spread of the Invasive Marsh Thistle in New York</i>
2:00	Mark Whitmore	Cornell University	<i>A Review of the Potential to Establish Biological Control for the Hemlock Woolly Adelgid in New York State.</i>
2:30	John Vandenburg	USDA - Ag Research Service	<i>Status of the Biocontrol Program for the Emerald Ash Borer</i>

3:00 to 3:30 Break

Session 8 - Mercury Contamination in the Catskills - Moderated by Greg Lampman, NYSERDA

3:30	Anthony Carpi, Anyhony Ho, Allen Frei	John Jay College	<i>Temporal and Regional Variation in the Deposition of Mercury in New York State and the Implications of Climate-Related Changes on Regional Mercury Cycling.</i>
4:00	Amy Sauer	Syracuse University & Biodiversity Research Institute	<i>Mercury Bioaccumulation within Terrestrial Foodwebs in the Northeastern United States.</i>
4:30	Karen Murray	US Geological Survey	<i>Mercury in Catskill Fishes: Current Status, Distribution and Knowledge Gaps</i>

Catskill Environmental Research & Monitoring Conference - October 25-26, 2012 - Poster Presentations

ID	Presenter	Affiliation	Presentation Title
1	Fauth, Peter	Hartwick College	<i>Collaborative Forest and Stream Monitoring Research at Robert V. Riddell State Park</i>
2	Fuccillo, Kerrissa	The Ashokan Center	<i>Citizen Scientists on the Phenological Frontier: Spatial and Temporal Connectivity Along an Urbanization Gradient</i>
3	Hill, Whitney	Catskill Center for Conservation & Development	<i>Community Ash Tree Inventory Project</i>
4	Kudish, Michael	Paul Smith College	<i>Three Episodes in Catskills Forest History</i>
5	Halton, Casey	SUNY-New Paltz & NYSDEC	<i>Ambient Groundwater Chemistry in the Catskill Mountains Based on Sampling of Trailside Springs</i>
6	Keimowitz, Alison	Vassar College	<i>Identification of Ombrotrophic Bogs in the Catskill Mountains, NY by Geochemical and Isotopic Methods</i>
7	Siemion, Jason	US Geological Survey	<i>Use of Soil-Streamwater Relationships to Assess Regional Patterns of Recovery from Acidic Deposition Effects</i>
8	Kozlowki, Andrew & Brian Bird	NYS Museum/Geological Survey	<i>Glacial Geology of the Catskills: Classic Landscapes, New Data & Old Debates</i>
9	Chaouch, Naira	NOAA-CREST	<i>Use of Evapotranspiration and Soil Moisture Remote Sensing Measurements to Enhance Hydrological Modeling in NYC Reservoir Watersheds</i>
10	Cornwell, Mark	SUNY-Cobleskill	<i>Stream Ecosystem Changes in Schoharie Creek Tributaries Following Hurricane Irene and Tropical Storm Lee</i>
11	Lounsbury, David	NYCDEP	<i>The New York City Water Supply Atlas</i>
12	Matonse, Adao	CUNY Institute for Sustainable Cities, Hunter College	<i>Hydrological Impacts of Hurricane Irene and Tropical Storm Lee in Historical Context: Is the Frequency of Extreme Hydrological Events Changing in Southern New York State?</i>
13	Richardson, David	SUNY-New Paltz	<i>A Regional Analysis of the Physical and Biological Effects of Tropical Cyclone Irene on Lake Ecosystems across Northeastern United States and Eastern Canada</i>
14	Samal, Nihar	NYC DEP & CUNY-ISC	<i>Potential Impacts of Climate Change on Winter Streamflow, Turbidity Loading and In-lake Turbidity of the NYC Ashokan Reservoir</i>
15	Hinchey, Eamonn	SUNY Oneonta	<i>Early Detection and Rapid Response Methods for Invasive Plants of the Catskills: a Case Study with Marsh Thistle</i>
16	Lord, P. & Pokorny, T.N	SUNY-Oneonta	<i>Catskill Watershed Stewards: A Biological Field Station (BFS) & Catskill Regional Invasive Species Partnerships (CRISP) Collaboration</i>
17	Siegert, Nathan	US Forest Service	<i>Detection, Delimitation & Management of a Large Satellite Infestation of EAB in the Hudson River Valley</i>
18	Siegert, Nathan (2)	US Forest Service	<i>Assessing the Potential Impact of Emerald Ash Borer on the New York City Watershed</i>
19	Bialowas, Emily	Cornell University	<i>The Effect of Didymosphenia geminata (Didymo) on Macroinvertebrate Communities in Esopus Creek, NY</i>
20	Miller, Andrea	Unity College	<i>Didymo on the Move: A Spatial Analysis of Didymosphenia geminata (didymo) in Catskill, New York</i>
21	Oleksy, Isabella	SUNY-New Paltz	<i>Didymosphenia geminata (Rock Snot) in the New York City Watershed - Factors that Affect the Growth, Spatial Distribution and Timing of the Didymo Bloom in the Esopus Creek (2010-2012)</i>
22	Lapin, Danny	Bard College	<i>Storm Water Management and Wetland Restoration on the Bard College Campus</i>
23	Parisio, Frank	NYC DEP	<i>Mapping and Characterization of Wetlands along the Upper Esopus Creek, Ulster County, NY</i>