

Catskill Environmental Research & Monitoring (CERM) Conference - Agenda for Day 1 - Thursday, October 23, 2014

8:30 to 9:30 Registration (Coffee & Tea Service)

9:30 - 10:00	Welcome & Opening Remarks		
	Tom Tar	Belleayre	<i>Welcome from the General Manager of Belleayre</i>
	Lydia Reidy	Cornell Coop. Ext.	<i>Opening Remarks by the Executive Director of Cornell Cooperative Extension of Ulster County</i>
	Paul Rush	NYCDEP	<i>Opening Remarks by the Deputy Commissioner, Bureau of Water Supply, NYCDEP</i>
	Kathleen Moser	NYSDEC	<i>Opening Remarks by NYSDEC's Assistant Commissioner for Natural Resources</i>

CERM OVERVIEW

10-10:30	Bill Rudge	NYSDEC	<i>Mission, Goals, History, Accomplishments</i>
	Panel	CERM Planning Committee	<i>Initiatives: Research Forest, Data Sharing, Cooperative Research, Bibliography; Recognition of a Distinguished Catskill Researcher (presented by M.Kudish)</i>

10:30 to 10:45 Break (Coffee & Tea Service)

10:45 to 11:30 Keynote Speaker - Dr. Janice L. Dickenson, Cornell University - *Current and Future Potential of Web-based Citizen Science*

Session 1 - Environmental Science & Society - Moderated by Robyn Smyth, Bard College Center for Environmental Policy

11:30 - 12:30	Amy Savage	Bard College	<i>Citizen Science: Science Literacy Education to Improve Future Decision Making</i>
	Kerissa Battle	Community Greenways Collaborative	<i>Community-Scientists on the Phenological Frontier: Data Accuracy and Models of Networked Ecological Initiatives</i>
	Jennifer Epstein	Riverkeeper	<i>Riverkeeper's Fecal Contamination Monitoring: Citizen Science and Advocacy in the Rondout, Esopus and Catskill Watersheds</i>

12:30 to 1:30 Lunch (Buffet in Overlook Lodge)

Session 2 - New Approaches to Environmental Monitoring - Mod. by Morton S. Adams, Catskill Inst. for The Environment

1:30-4:30	John Campbell	USDA - Forest Service	<i>Environmental Sensor Applications at USDA Forest Service Experimental Forests: The Smart Forest Network</i>
	Peter Woodbury	Cornell University	<i>Effects of Ozone on Vegetation and Ecosystems: State of the Science and Implications for the Catskill Region</i>

2:30 to 3:00 Break

1:30-4:30	Dan Buckley	Cornell University	<i>Making Sense of Microbial Diversity</i>
	Ruth Yanai	SUNY-ESF	<i>Improving Environmental Monitoring with Uncertainty Analysis</i>
	Barry Baldigo	USGS	<i>Variations in Water Temperature and Implications for Trout Populations in the Upper Scholharie Creek and West Kill, 2010 - 2012</i>

4:30 to 6:00 Posters & Mixer

6:00 to 7:30 pm - Buffet Dinner in Overlook Lodge

Guest Speaker: William Stein, Dept. of Biological Sciences at SUNY-Binghamton will speak on Devonian-Age Forests of the Catskills

Catskill Environmental Research & Monitoring (CERM) Conference - Agenda for Day 2 - Friday, October 24, 2014

8:00 to 9:00 (Coffee & Tea Service)

9:00 - 10:15	Session 3 - Historical Data Sets & Long-Term Monitoring - Moderated by Mark Vian, NYCDEP		
	Karen Moore	NYCDEP	<i>Adventures in Data: Revisiting Historical Water Quality and Streamflow Data in the Catskills</i>
	Martin Rosenfeld	NYCDEP	<i>Biomonitoring in the Catskills: A Review of 20 Years of NYCDEP Data</i>
	Lorraine Janus	NYCDEP	<i>Catskill and Delaware Headwater Reservoir Water Quality: A 24-year Record of Trophic Responses</i>

10:15 to 10:35 - Break (Coffee & Tea Service)

10:35 - 12:15	Session 4 - Geologic Processes: Weathering, Erosion & Soil Genesis - Moderated by Dr. Charles Ver Straeten, NYS Museum		
	Chuck Ver Straeten	NYS Museum	<i>Weathering Catskills Bedrock: Overview and Potential Implications</i>
	Chris Johnson	Syracuse University	<i>Estimating Mineral Weathering Rates in Catskills Watersheds</i>
	Steve Parisio	NYSDEC	<i>Genesis, Morphology & Classification of Catskill Soils</i>
	Jason Siemion	USGS	<i>Factors Affecting Suspended Sediment in 10 Tributaries to a New York City Water Supply Reservoir</i>

12:15-1:15 Buffet Lunch in Overlook Lodge

1:15 -2:55	Session 5 - Climate and Climate Change- Moderated by Dr. Gary Lovett, Cary Institute of Ecosystem Studies		
	Allan Frei	CUNY- Hunter	<i>Changing Frequencies of Extreme Hydrological Events in the Catskill Mountains</i>
	Mark Vian	NYCDEP	<i>Using High Water Marks to Develop Hydraulic Geometry Relationships for the Upper Neversink River to Support River Management and Restoration</i>
	Scott George	USGS	<i>Resilience of Fish and Macroinvertebrate Communities to an Extreme Flood in the Upper Esopus Creek</i>
	Mark Zion	NYCDEP	<i>Potential Impacts of Climate Change on Water Temperature and Turbidity Transport in New York City Water Supply Catskill System Reservoirs</i>

2:55 - 3:20 Break

3:20 - 5:00	Session 6 - Terrestrial Ecosystems - Moderated by Dr. Chris Johnson, Syracuse University		
	Gary Lovett	Cary Institute of Ecosystem Studies	<i>Impacts of Invasive Pests on Forest Carbon and Nitrogen Dynamics in the Catskills</i>
	Chris Zimmerman	The Nature Conservancy	<i>Facilitating Management of Hemlock Woolly Adelgid in Catskill Mountains</i>
	Margaret DiBenedetto	Delaware-Otsego Audobon Society	<i>Distribution, Density, and Movements of Non-breeding Golden Eagles in the Catskill Mountains</i>
	Michael Kudish	Prof Emeritus, Paul Smith's College	<i>Oaks, Burns, and Native Americans</i>

Catskill Environmental Research & Monitoring (CERM) Conference - Poster Presentations - Thursday, October 23, 2014, 4:30-6:30 pm

Presenter	Affiliation	Presentation Title
Alderisio, Kerri	NYCDEP	Decline in Protozoan Concentrations as Surface Water Passes through the New York City West Of Hudson Reservoir System
Bader, Andrew	NYCDEP	An Overview of DEP's Robotic Water Quality Monitoring Program
Belinsky, Kara	SUNY-New Paltz	Avian Diversity and Abundance of the SUNY New Paltz Campus: Are Trees Enough to Make a Forest?
Bonville, Donald	SUNY-ESF	Spatial Variations in Baseflow Generation in a Headwater Mountain Catchment: Birch Creek
DiMeglio, Steven	SUNY-New Paltz	Didymo, a Nuisance River Algal Species: Nutrient Controls on Growth Patterns in the Eastern Catskills, New York
Ervolina, Emma	College of St Rose	Relative Abundance of Catskill Region Soils based on GIS Analysis of NRCS Soil Survey Data
Gibson, Catherine	Skidmore College	Nutrient Uptake Dynamics Across a Gradient of Nutrient Concentrations and Ratios in the Catskills
Grose, Laura	SUNY-Oneonta	Evaluation of a Typical Well-Drained Catskill Region Soil Profile using a Soil Monolith
Halton, Casey	SUNY-ESF	Evaluating Short and Long Term Changes in Channel Structure and Associated Sediment Loads in McKinley Hollow, Catskill Mountains, New York
Layton, Deborah	NYCDEP	Ten-Year Results of Long-Term Forest Monitoring on NYCDEP Watershed Lands at Ashokan, Neversink & Rondout
McIntosh, Serena	Bard College	Assessing the Payment for Ecosystem Services Paradigm in New York City's Watershed Protection Programs
O'Connell, William	SUNY New Paltz	Assessing the Impact of Groundwater and Heterogeneous Glacial Deposits on Stream Bank Erosion in the Stony Clove Creek Watershed
Raab, Dakota J.	SUNY-Cobleskill	The Rebound of Fish Populations in Schoharie County Streams After a Flood of Record
Randolph, Antoine	NYCDEP	Modeling Fine-Scale Interactions Between Precipitation, Topography and Vegetation in Biscuit Brook Using a Spatially Distributed Hydro-Ecological Model
Rauter, Julian	Margaretville High School	Dialect Acquisition in Downstate Migrants to the Catskills: Progress to Date
Roehrs, Pine	NYSDEC	Catskill Research Forest Siting Study
Smith, Emily	NYCDEP	The Watershed Conservation Corps – Engaging Local Students in Stream Science
Snider, Daniel	CRISP	Strategies for Hemlock Conservation in the Catskills
Teter, Chris	SUNY-Oneonta	Another Naturalized Exotic Tree; <i>Syringa Reticulata</i> 's Populations in New York
VanDreason, Rich	NYCDEP	The Occurrence of Dissolved Organic Carbon (DOC) in New York City's Catskill Mountain Watersheds
Vogler, Donna	SUNY-Oneonta	A Campus-Wide Invasive Plant Survey at SUNY Oneonta