



Adirondack Research Consortium

Better Information for Better Decisions

21st Annual Conference on the Adirondacks
May 14-15, 2014, High Peaks Resort, Lake Placid, NY
Media Sponsor – Mountain Lake PBS, WCFE, Plattsburgh, NY

“Moving Forward- Revitalizing Communities and Forging Opportunities”

PROGRAM OVERVIEW

Wednesday, May 14, 2014

7:30 a.m. Registration, Continental Breakfast, Poster and Exhibit Set-Up

8:30 a.m. “Opening Remarks and Introduction”, **Daniel M. Spada**, President, Adirondack Research Consortium

8:45 a.m.

Revitalizing Communities

“Setting the Context for Moving Forward”, Dr. **Jim Herman** and **Dr. Dave Mason**, ADK Futures

Panel: Cleaner Greener Communities, **Kate Fish**, ANCA, Chair, Overview, goals and strategies, and funded projects. These projects include:

- **Dave Dungate**, President, President Bioenergy Project Partners, LLC, biomass projects that will install wood pellet heating systems in a number of communities
- **Eric Virkler**, Director of Economic Development, Lewis County, community and business development in Lyons Falls
- **Tammy Morgan**, project director, first small scale food waste biodigester in the nation coming to Lake Placid
- **Rob Hastings**, owner, Rivermede Farm, Solar thermal greenhouse installations will allow Rivermede farms to produce year round from Keene Valley

10:15 a.m. Break

10:45 a.m.

Overview of the New Renewable Heat New York Initiative/Update of Wood Heat Technologies and the Regulatory Landscape

Panel: **Robert B. Catell**, Chair, Advanced Energy and Research Technology Center, SUNY Stony Brook
Greg Hale, Senior Advisor to the Chairman of Energy & Finance for Governor Cuomo
Todd Friebel, Director of Finance and Operations, Adirondack Museum, and **Bill Marzano** from MCW Engineering: Case study of a new wood pellet boiler in the Adirondacks
Lou Okonski, Evoworld Pellet Boiler, Troy, NY and **Mark Odell**, Econoburn Cordwood Boiler, Brocton, NY, Adirondack opportunities for made-in-New York advanced technology biomass combustion appliances
Phil Hopke, Clarkson University, Ongoing biomass heat research

12:00 p.m. Lunch: Honorary Luncheon Chair, **Robert B. Catell**, Advanced Energy and Research Technology Center, SUNY Stony Brook

Speaker: **Richard L. Kauffman**, Chairman, NYSEDA and Chairman of Energy and Finance for New York, “New York's New and Continuing Energy Initiatives”.

1:30 p.m. Concurrent Sessions:

McIntyre - Downstairs	Sustainable Resources: Water Quality – Threats, Economic Services, Groundwater, and Advocacy	Innovative Examples of the Regional Economy at Work – The Key Drivers, Opportunities, and Challenges.	Sentinel - Upstairs
	Dan Kelting , Adirondack Watershed Institute, Paul Smith’s College, Chair <ul style="list-style-type: none"> • Martin Heintzelman, Clarkson University, Economic Value of Clean Water • Curt Stager, Paul Smith’s College, Impacts of Climate Change • Colin Beier, SUNY ESF, Recovery from Acidification/Resource Services • Willie Janeway, Adirondack Council, Advocacy • Charles Driscoll, Syracuse University, Research 	Tom Sauter , DANC, Chair <ul style="list-style-type: none"> • <u>Local Food & Agriculture</u>: Courtney Grimes, Mace Chasm Farms • <u>Manufacturing</u>: TBA • <u>Clean Energy</u>: Moriah Hydro Corp., Jim Besha, President, Albany Engineering Corp. • <u>Biotech</u>: Ron Goldfarb, Trudeau Institute • <u>Investors</u>: Melinda Little, Coordinator, Point Positive • <u>Entrepreneurial Support</u>: Erin Draper, Operations Director, Reh Center for Entrepreneurship, Clarkson University 	

3:00 p.m. Break

3:30 p.m.

McIntyre - Downstairs	A Park in Balance? Adirondack Park Regional Assessment 2014: An Analysis of Land Ownership, Demographics and Public School Enrollment	Community Colleges as Economic Drivers: Adjusting to Student Demographics, Market Needs, and Demands	Sentinel - Upstairs
	Jeff Anthony , The LA Group, Chair Jim Martin , The LA Group Brad Duke , Adirondack Park Regional Assessment Project	John Mills , President, Paul Smith’s College, Chair Kristine Duffy , President, Adirondack Community College John Jablonski , President, Clinton Community College Steve Tyrell , President, North Country Community College	

5:00 p.m. Adjourn

6:30 p.m. Premier Reception – This is also opportunity to meet the poster authors (Avalanche)

7:00 p.m. Premier Screening: “**The Resilient Ones**”, Discussion, and Reception - A Mountain Lake PBS Documentary. Climate change is a global problem but its effects are felt locally. This 60-minute documentary explores local adaptive strategies.

Panel Discussion: **Alice Recore**, Mountain Lake PBS, Chair
Dr. Curt Stager, Paul Smith’s College
Cody Bary and **Erin Weaver**, Lake Placid High School



Thursday, May 15, 2014

- 7:30 a.m. Registration Opens, Continental Breakfast
- 8:30 a.m. 2012 Adirondack Research Consortium’s Annual Meeting and Elections
- President’s Report
 - Election of Board of Directors
 - Open Membership Comments
- 8:45 a.m. Panel: “Adirondack Research Pathways to Policy and Solution”, **Brian Houseal**, SUNY ESF’s Adirondack Ecological Center, Chair; **Jim McKenna**, Recreational Tourism; **Teresa Sayward**, State Land Master Plan; and, **Bill Farber**, Encouraging Local Business.

Adirondack Information Forum

	Science/Ecology Track (McIntyre)	Economic/Social Science/Humanities Track
9:45 a.m.	Tom Young , Session 1 Moderator Dan Kelting , Paul Smith’s College, Monitoring Road Salt Pollution in Adirondack Streams	Stacy McNulty , Session 2 Moderator (Sentinel) Abbie Larkin , SUNY ESF, Adirondack Park Trail Use Database: Construction And Potential Applications
10:15 a.m.	Margueritte Ngami , Clarkson University, Characterization of chemical shrinkage in cement-free concrete	Ezra Schwartzberg , Adirondack Research, LLC How Smartphones Are Contributing To Regional Research In The Adirondack Park.
10:30 a.m.	Break	
11:00 a.m.	Tim Burpoe , Session 3 Moderator (McIntyre) Brett McLeod , Paul Smith’s College, Update on the Adirondack Center for Working Landscapes	Eileen Allen , Session 4 Moderator (Sentinel) Jeffrey O’Donnell , University of Vermont, Exploring Conservation Discourses In The Adirondacks: From Whitney Park To Finch Pruyn
11:20 a.m.	Shanna Ratner , Yellow Wood Associates, Creating and Retaining Wealth: Connecting Assets with Market Demand for Lasting Livelihoods	Celia Evans , Paul Smith’s College, The Role of Formal and Informal Experiences in Developing Ecological Awareness, Sense of Place, and Perception of Nature in Children in rural Communities.
11:40 a.m.	Matthew Marko , CH2M HILL Water Business Group, Syracuse, NY, Infrastructure Optimization: Combined Approaches to Integrate Natural and Built Infrastructure	Marianne Patinelli-Dubay , Marianne, SUNY-ESF’s Northern Forest Institute Philosophy For Science And Forestry Professionals

- 12:00 p.m. Lunch: Honorary Luncheon Chair, Neil **Murphy**, Senior Fellow for Environmental and Sustainable Systems, SUNY College of Environmental Science and Forestry
- Presentation of the 2014 Adirondack Achievement Award, **Dr. Myron J. Mitchell**, SUNY College of Environmental Science and Forestry
- Guest Speaker, **Dr. Quentin Wheeler**, President, SUNY College of Environmental Science and Forestry, “Perspectives on ESF and the Future”.

Adirondack Information Forum

	Science/Ecology Track (McIntyre) Curt Gervich, Session 5 Moderator	Economic/Social Science/Humanities Track Edward Summers, Session 6 Moderator (Sentinel)
1:30 p.m.	Elizabeth McGovern , Yale University, <i>Puma concolor cougar</i> in the Adirondack Park: Resident and Visitor Perspectives	Paul Hai , Northern Forest institute, SUNY-ESF, Outreach at ESF's Adirondack Interpretive Center: Reaching Beyond Traditional Audiences and Uses
1:50 p.m.	Paul Jensen , NYS DEC, Carnivore Monitoring in the Northern Forest: A Citizen Science Approach	Michael Wironen , Ecology and Environment, Jay & Keene NY Rising Community Reconstruction Program
2:10 p.m.	Celia Evans , Paul Smith's College, Investigating Growth and Growth Form in Invasive and Native Watermilfoil Species	Clarkson University , Energizing local communities through biomass heating solutions- pros, cons & policy considerations

2:30 p.m. Optional Field Trip: "Behind the Scenes" at the Wild Center, Tupper Lake, NY

Submitted Posters

The Atmospheric Sciences Research Center and Whiteface Mountain Field Station	Paul Casson and Richard Brandt , Atmospheric Sciences Research Center Whiteface Mountain Station, Wilmington, NY; James Schwab , University at Albany.	
25 Years of Atmospheric Monitoring at Whiteface Mountain Observatory.	Brandt , Richard. E., James J. Schwab , and Kenneth L. Demerjian , Atmospheric Sciences Research Center, University at Albany; Henry D. Felton and Oliver V. Rattigan , NYS DEC.	
An Examination of Fish Presence using the Relationship between Base Cations (BC) and Strong Organic Anions (RCOO _s ⁻) in Waters Collected by the Adirondack Lakes Survey Corporation	James E. Dukett , Nathan Houck , Phil Snyder , and Sue Capone , Adirondack Lakes Survey Corporation	
Exploring the Scalability of Hydrologic Model Parameters: A Closer Look at the Catchment Connectivity Model	Kaitlin Hayes , Clarkson University; Tyler Smith , Clarkson University; Kelsey Jencso , University of Montana; Brian McGlynn , Duke University; Lucy Marshall , University of New South Wales; Anna Bergstrom , University of Montana.	
Invasive Species Risk and Vulnerability Assessments for Adirondack Park Recreational Infrastructure	Rockefeller , Daniel M. , Colin M. Beier , Abigail M. Larkin , SUNY ESF	
The NEW Adirondack Long Term Monitoring program: where are we going and why?	Karen Roy , NYS DEC, Leon Sedefian NYS DEC, Kevin Civerolo , NYS DEC, James Dukett Adirondack Lakes Survey Corporation, Nathan Houck , Adirondack Lakes Survey Corporation, Phil Snyder , Adirondack Lakes Survey Corporation and Gregory Lampman , NYSERDA	
It's All About the Experience: Opportunities for Integrating Professional Ecological Research and Undergraduate Mentoring and Education in the Adirondacks	David A. Patrick , Celia A. Evans , Jorie M. Favreau , and Daniel L. Kelting , Paul Smith's College	
A Regional Landscape Level Estimate of Lands and Waters Impacted by Road Runoff in the Adirondack Park of New York State	Sean Regalado , Paul Smith's College	