



# Adirondack Research Consortium

*Better Information for Better Decisions*

## 17<sup>th</sup> Annual Conference on the Adirondacks “Leveraging Resources to Sustain Communities”

May 19-20, 2010, High Peaks Resort, Lake Placid, NY

### Keynote Presentations



**Keynote:** “Perspectives on Energy and Implications for the Adirondack Park”, **Robert B. Catell**, Chairman of the Advanced Energy Research and Technology Center (AERTC) at New York State University at Stony Brook.

Mr. Catell was formerly the Chairman and Chief Executive Officer of KeySpan Corporation and KeySpan Energy Delivery, the former Brooklyn Union. His career with Brooklyn Union started in 1958. He became Chairman, National Grid, U.S., following the acquisition, by National Grid, of KeySpan Corporation.

Mr. Catell received both his Bachelor’s and Master’s degrees in Mechanical Engineering from the City College of New York and is a Registered Professional Engineer.

**Keynote:** “A Vision for New York’s Energy Future”, **Richard Kessel**, President, New York Power Authority.

Richard M. Kessel is an expert on New York energy issues. He took office as president and chief executive officer of the New York Power Authority, the nation’s largest state-owned electric utility, on October 14, 2008.

Mr. Kessel, served as chief executive officer of the Long Island Power Authority (LIPA) from 1997 to 2006, and chairman of the LIPA Board of Trustees from 1989 to 1995. Mr. Kessel began his career in public service as Executive Director of the New York State Consumer Protection Board from 1983 to 1995.

Mr. Kessel received a bachelor's degree from New York University and his master's degree from Columbia University.



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**ADIRONDACK RESEARCH CONSORTIUM**  
*201 Countess Alicia Spaulding-Paolozzi Environmental Research and Education Center*  
*Paul Smith’s College Campus*  
*P.O. Box 96, Paul Smiths, NY 12970, [info@adkresearch.org](mailto:info@adkresearch.org), 518-327-6276*

## PROGRAM OVERVIEW

### Wednesday, May 19, 2010

7:30 a.m. Registration; Continental Breakfast, Poster and Exhibit Set-Up (AVALANCHE PASS)  
 POSTER PRESENTATIONS ON DISPLAY THROUGHOUT THE CONFERENCE

8:30 a.m. **William Porter**, President, Adirondack Research Consortium,  
 Opening Remarks and Introduction (ALGONQUIN/IROQUOIS/WRIGHT)

8:45 a.m. **Robert B. Catell**, Chairman of the Board, Advanced Energy Research and Technology  
 Center, “Perspectives on Energy and Implications for the Adirondack Park”

9:30 a.m. Plenary Panel Session 1 (ALGONQUIN/IROQUOIS/WRIGHT)

Panel: Natural Resource Use and Management Strategies in Unique Areas Opportunities for Collaboration, Funding, and Support • <b>Dan Spada</b> , Adirondack Park Agency, Moderator • <b>Judy Francis</b> , AICP, NC Department of Environment & Natural Resources, Asheville Regional Office, Experiences from Southern Appalachian Communities • <b>Jean Paul</b> , Roxbury Farm, Hudson Valley Development Considerations • <b>TBD</b> , Common Ground Alliance, Adirondack Perspectives
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10:45 a.m. Break (AVALANCHE PASS)

11:15 a.m. Concurrent Sessions 1 – (Please Choose One):

CONCURRENT SESSIONS	1.1 WRIGHT	Ecological Connectivity, Wildlife Conservation Society	<b>Michale Glennon</b> , Moderator <b>Zoë Smith</b> , “Staying Connected: the Regional View” <b>Leslie Karasin</b> , “Bringing Connectivity to the Ground in a Local Context” <b>Heidi Kretser</b> , “Meandering Moose: Landscape Connectivity and the Adirondacks’ Largest Inhabitant”
	1.2 ALGONQUIN	Adirondack Region Medical Home Pilot Project	<b>Chandler Ralph</b> , CEO, Adirondack Medical Center, Moderator <b>John Ruge</b> , CEO, Hudson Headwaters Health Network <b>Elizabeth Buck</b> , President of the Medical Staff-Adirondack Medical Center <b>Dennis Weaver</b> , President and CEO-East Point Health and Program Director of the Adirondack Medical Home Project
	1.3I IROQUOIS	Planning for a Sustainable Bolton Landing	<b>Jeff Anthony</b> , the LA Group, P.C., Moderator <b>Ike Wolgin</b> , Owner, Lake George Kayak Company and Sustainability Committee member, Town of Bolton <b>Hal Heusner</b> , Resident & Sustainability Committee Member, Town of Bolton <b>Tracey Clothier</b> , Senior Planner, the LA Group, P.C.
	1.4 GOTHICS	Perspectives on Adirondack Mining	<b>Stacy McNulty</b> , SUNY-ESF, Adirondack Ecological Center, Moderator <b>William M. Kelly</b> , New York State Geological Survey <b>Steven Potter</b> , NYSDEC Division of Mineral Resources <b>Dave Hamling</b> , New York Construction Materials Association
	1.5 BIG SLIDE	Studies on pH	<b>James E. Dukett</b> , Adirondack Lakes Survey Corp. , A Comparison of Contemporary Cloudwater pH to Pre-Industrial Values at Whiteface Mountain <b>Kristina M. A. Arseneau</b> , Queen's University, Recent Evidence of Biological Recovery from Acidification: An Updated Paleolimnological Perspective.

12:30 p.m. Lunch – Speaker, **Dr. Carol Brown**, President, North Country Community College  
 (ARMSTONG/BASIN)

1:45 p.m. Concurrent Sessions 2 – (Please Choose One):

CONCURRENT SESSIONS	2.1 WRIGHT	Adirondack Community Planning	<b>Jim Connolly</b> , Adirondack Park Agency, Moderator <b>Fred Monroe</b> , Adirondack Park Local Government Review Board <b>Gerry Delaney</b> , Town of Saranac <b>Melissa McManus</b> , Consultant for Town of Saranac <b>Andrew Labruzzo</b> , NYS Department of State
	2.2 BIG SLIDE	Smart Grid and New Energy Technologies	<b>Joe Visalli</b> , Adirondack Research Consortium, Moderator <b>Mark R. Torpey</b> , NYSERDA <b>Jim Olmsted</b> , Antares Group <b>Tom Amidon</b> , SUNY ESF
	2.3 IROQUOIS	Adirondack Economic Climate Change	<b>James B. McKenna</b> , CEO and President, Essex County Regional Office of Sustainable Tourism, Moderator <b>Lisa Nagle</b> , AICP, Elan Planning, Design & Landscape Architecture, PLLC <b>George E. Leveille</b> , Government Assistance Team, Harris Beach, PLLC <b>Mike Conway</b> , Executive Director, Adirondack Economic Development Corp. <b>Carol Calabrese</b> , Co-Director, Essex County IDA
	2.4 ALGONQUIN	Invasive Species Management and Research	<b>Hilary Smith</b> , Director, Adirondack Park Invasive Plant Program, Moderator <b>Daniel Kelting</b> , Director, Adirondack Watershed Institute, Paul Smith's College <b>Mark Malchoff</b> , Aquatic Resources Specialist, Lake Champlain Sea Grant <b>Christopher T. Martine</b> , Assistant Professor, Dept. Biological Sciences and Curator, SUNY Plattsburgh Herbarium
	2.5 GOTHICS	Forest Management	<b>Charles D. Canham</b> , Institute of Ecosystem Studies, Northern Forest Biomass Resources: Myth, Reality and Uncertainty. <b>Jerry Jenkins</b> , Wildlife Conservation Society, “How Development, Connectivity, and Energy are Related” <b>Rachel A Neugarten</b> , Cornell University, Forest At Work: A Case Study Of Conservation And Sustainable Forestry <b>Kristofer Covey</b> , Yale University, The Physiological Ecology Of Carbon Science In Forest Stands
	2.6 CASCADE	Future of the Adirondack Park Visitor Interpretive Centers	<b>Col. Robert Lilly</b> , Board Member, Adirondack Park Institute, Moderator <b>Martha Van der Voort</b> , Director, Adirondack Park Institute <b>Greg Hill</b> , Adirondack North Country Association

3:00 p.m. Break (AVALANCHE PASS)

3:30 p.m. Special Plenary Session (ALGONQUIN/IROQUOIS/WRIGHT)

<p><b>New York’s Energy Future</b> <b>Francis J. Murray, Jr.</b>, President and CEO, NYSERDA, Moderator</p> <p>3:30 p.m. <b>Panel:</b> “Perspectives from Adirondack Utilities” <b>Daniel Whyte</b>, Vice President Government and Stakeholder Relations, Brookfield Renewable Power <b>James S. Salmon</b>, East Region Manager, NYSEG/Iberdrola USA <b>Alicia Fernandez Dicks</b>, Regional Executive Director, Energy Solutions Services, National Grid</p> <p>4:15 p.m. <b>Keynote:</b> Speaker, <b>Richard Kessel</b>, President, New York Power Authority, “A Vision for New York’s Energy Future”</p>
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5:00 p.m. Adjourn

5:00–6:30 p.m. Reception (Cash Bar with hor`deurves served) (OUTDOORS AT DANCING BEARS)

**Thursday, May 20, 2010**

8:00 a.m. Continental Breakfast (AVALANCHE PASS)

8:30 a.m. 2009 ARC Annual Meeting and Elections (ALGONQUIN/IROQUOIS/WRIGHT)

9:00 a.m. Adirondack Legends: Remembering Clarence Petty and Nellie Staves (ALGONQUIN/IROQUOIS/WRIGHT)

**Elizabeth Thorndike**, Adirondack Research Consortium, Moderator  
**Raymond P. Curran**, Adirondack Sustainable Communities  
**Tim Barnett**, Adirondack Nature Conservancy  
**Elizabeth Lowe**, NYS Department of Environmental Conservation  
**Bob Brown**, NYS Conservation Council

9:30 a.m. Plenary Panel Session 2 (ALGONQUIN/IROQUOIS/WRIGHT)

**“Reconnecting Children and Nature: What a Nationwide Movement Means for the Adirondacks, the State, and the Overall Quality of Life of our Children”**

**Assemblywoman Teresa R. Sayward**, 113<sup>th</sup> Assembly District, Moderator  
**Paul B. Hai**, Program coordinator, SUNY-ESF’s Northern Forest Institute, Overview of the Issue.  
**Carol Ash**, Commissioner, NYS Office of Parks, Recreation, and Historic Preservation, Statewide approach to access.  
**Bruce Hathaway**, NYS Department of Health, Statewide approach to raising awareness.  
**Margo Gold**, Executive Director, North Country Healthy Heart Network Inc., Regional grassroots efforts.

10:30 a.m. Break (AVALANCHE PASS)

11:00 a.m. Concurrent Sessions 3 – (Please Choose One):

CONCURRENT SESSIONS	3.1 GOTHICS	Status Report on the CALES Project	<b>Dan Josephson and Ron Smith</b> , “The Central Adirondack Laboratory for Environmental Science (CALES) Project”, Central Adirondack Arts and Sciences Advocacy, Inc
	3.2 IROQUOIS	Ecosystem Services	<b>Graham Cox</b> , Audubon New York, Moderator <b>Colin Beier</b> , SUNY-ESF, Adirondack Ecological Center, “Ecosystem Services: A Framework for Understanding and Fostering Sustainability in the Adirondacks (?)” <b>David Sleeper</b> , Hubbard Brook Research Foundation, “Creating Markets for Ecosystem Services”
	3.3 ALGONQUIN	“Forever Wired” Broadband Internet Opportunities	<b>Kelly Chezum</b> , Vice President for External Relations, Clarkson University, Moderator <b>Erin Foster</b> , Patent Engineer, IBM, Teleworker <b>Eric Draper</b> , Assistant Director, Center for Entrepreneurship, Clarkson University <b>Kevin Lynch</b> , Director of Network Services, Clarkson University
	3.4 BIG SLIDE	Studies on Lake Champlain	<b>Scott C. Danville</b> , Institute of Climate Studies, USA , Historical Atmospheric Temperatures Analysis of Lake Champlain Region <b>Curt J. Stager</b> , Paul Smith’s College, Recent and Future Climate Change in the Champlain Basin. <b>Paul W. Simonin</b> , Cornell University, A Comparison of Native Rainbow Smelt versus Nonnative Alewife in Lake Champlain
	3.5 WRIGHT	Management Strategies for the Future	<b>Jamie Rogers</b> , Consolidation of Community Services <b>Elizabeth Lowe</b> , NYS Department of Environmental Conservation, The overall planning and engagement related to starting a not-for-profit organization. <b>Jorie M. Favreau &amp; Celia Evans</b> , Paul Smith’s College, The Adirondacks as an Educational Laboratory for Science Education at the Baccalaureate Level

12:15 p.m. Lunch – Speaker, **Dr. Anthony G. Collins**, President, Clarkson University  
 Introduced by **Terry Brown**, CEO & Chairman of the Board, O'Brien & Gere  
 (ARMSTONG/BASIN)


1:30 p.m. Concurrent Sessions 4 – (Please Choose One):

CONCURRENT SESSIONS	4.1 IROQUOIS	Adirondack Biodiversity Project	<p><b>David Patrick</b>, Director for the Center of Adirondack Biodiversity, Paul Smith's College, "The Adirondack ATBI in 2010"</p> <p><b>Janet Mihuc</b>, Paul Smith's College, "Project Silkmoth"</p> <p><b>Jan Trybula</b>, SUNY Potsdam, "Update on the Activity of the Odonate Biodiversity TWiG, Life After Statewide Survey"</p>
		Adirondack Park Regional GIS	<p><b>Steve Signell</b>, SUNY-ESF, Adirondack Ecological Center, Adirondack Park Regional GIS, Demonstration of the Adirondack Web-Based Database</p>
		Shingle Shanty Preserve and Research Station	<p><b>Steve Langdon</b>, Shingle Shanty Preserve and Research Station, Program Updates and New Initiatives</p>
	4.2 ALGONQUIN	Sustainability	<p><b>Jim Martin</b>, the LA Group, P.C., APRAP Project Manager, Moderator</p> <p><b>William A. Ayling</b>, Sustainability 101</p> <p><b>Kenneth A. Strike</b>, Protect the Adirondacks! , The Adirondack Regional Assessment: A Preliminary Appraisal</p> <p><b>Daniel R.Plumley</b>, Protect the Adirondacks! , Seeing the Park for Its Forests – Achieving an Integrated Forest Sustainability Vision</p>
	4.3 BIG SLIDE	Adirondack Coyotes, Beavers, and Wilderness Mapping	<p><b>James Wolfe</b>, Houghton College, Moderator</p> <p><b>Thomas F.Rounsville Jr.</b>, Houghton College, Mitochondrial DNA Haplotype Comparison of Western New York and Adirondack Coyotes</p> <p><b>Anna M.Harrison</b>, SUNY-ESF, The Influence Of Landscape Factors On Long-Term Beaver Occupancy</p> <p><b>Abigail Larkin</b>, SUNY-ESF, Wilderness Perception Mapping In The Adirondack Park, NY</p>
4.4 WRIGHT	Energy Efficiency and Savings Initiatives	<p><b>Bruce Brownell</b>, Adirondack Alternate Energy, Energy Efficient Construction <b>TBD</b></p> <ul style="list-style-type: none"> <li>• Bruce invites any interested conference attendees to join him at the conclusion of the conference to tour an energy efficient home he has built in Lake Placid, a short distance from the High Peaks Resort.</li> <li>• The W!LD Center will provide a tour of its energy efficiency projects with the presentation of a 2010 Annual Conference credential on May 20<sup>th</sup>, 2010.</li> </ul>	

3:00 p.m. Adjourn

<p><b>Poster Presentations</b> (Displayed Throughout Conference) (AVALANCHE PASS)</p>	<p><b>James Wolfe</b>, Houghton College, New Technology for Baseline Limnological Study of Adirondack Lakes.</p> <p><b>Joe Short</b>, Northern Forest Center, A Visual Index of the Renewable Energy Environment of Northern New York.</p>
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Coming in September 2010  
The Adirondack Research Consortium Presents: **"BIOENERGY-2: Sustainability One-Day Conference"**



**Fundraiser!**

*To Support the VIC Transition Task Force*

**Wednesday, May 19, 2010 5-9 P.M.**

**Lake Placid Pub and Brewery**

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May 12, 2010