



## Adirondack Research Consortium

*Better Information for Better Decisions*

### 18<sup>th</sup> Annual Conference on the Adirondacks May 18-19, 2011, High Peaks Resort, Lake Placid, NY



**Bill McKibben**, Author, Educator, and Environmentalist. Bill is an American environmentalist and writer who frequently writes about global warming and alternative energy and advocates for more localized economies. In 2010 the Boston Globe called him "probably the nation's leading environmentalist". In 2009 he led the organization of [350.org](http://350.org), which coordinated what *Foreign Policy* magazine called "the largest ever global coordinated rally of any kind," with 5,200 simultaneous demonstrations in 181 countries. Bill is guest columnist for several publications and is the author of several books including **End of Nature** and his newest book **Eaarth**.

**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. Bob is a member of the board of directors/trustees of several civic, industry, and business organizations. 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.



**Hon. Joseph J. Martens**, Commissioner, NYS Department of Environmental Conservation. Since 1998, Mr. Martens has served as President of the Open Space Institute, directing and overseeing land acquisition, sustainable development, historic preservation and farmland protection. Previously, Mr. Martens served as Deputy Secretary to the Governor for Energy and the Environment from 1992-94 and before that Assistant Secretary from 1990-92. He is the Chair of the Olympic Regional Development Authority and also chairs the Adirondack Lake Survey Corporation. Mr. Martens studied Resource Economics at the University of Massachusetts at Amherst and received an M.S. in Resource Management from the State University of New York, College of Environmental Science and Forestry at Syracuse University.



## PROGRAM OVERVIEW

### Wednesday, May 18, 2011

7:30 a.m. Registration; Continental Breakfast, Poster and Exhibit Set-Up (AVALANCHE PASS)

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

8:45 a.m. **KEYNOTE: Bill McKibben** – Author, Educator, and Environmentalist  
"Bracing for Change: Resilience, Durability, and the Changing Climate"

9:30 a.m. **Plenary Panel Session 1: The Energy Future - Opportunities and Issues, Research, and Technology.** (ALGONQUIN/IROQUOIS/WRIGHT)

Panelist: Chair: **Robert B. Catell**, Chairman, AERTC

**Ellen Smith**, COO, US Electric Ops, National Grid, U.S.

**Doug Chrisey**, Professor, Rensselaer Polytechnic Institute

**Steve Molodetz**, Vice President of Business Development, Hydro-Québec-US

10:45 a.m. Break (AVALANCHE PASS) Poster Presenters will be available to discuss their research during break.

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

CONCURRENT SESSIONS	1.1 ALGONQUIN	Assessing Economic Impacts of a Large-Scale Project – North Creek Case Study, Part 1  The Vision	<b>Jeff Anthony</b> , The LA Group, Moderator <b>Sterling Goodspeed</b> , Supervisor, North Creek, History and Early Vision <b>John Wheatley</b> , Warren County Economic Development Corp., Warren County’s EDC Perspective <b>Mike Pratt</b> , ORDA, Growth of the Re-birth Movement and the Interconnect <b>Sterling Goodspeed</b> , Supervisor, North Creek, The Partners and Goals <b>Panel</b> , Roadblocks/Problems/Issues
	1.2 Iroquois	Bioenergy	<b>Joe Visalli</b> , Moderator <b>Dan Conable</b> , New York Bioenergy Alliance <b>Eric Carlson</b> , ESFPA <b>Brian Houseal</b> , Adirondack Council <b>Tom Martin</b> , NYSDEC <b>Dave Shaw</b> , NYS DEC, Air Quality <b>Mark Torpey</b> , NYSERDA
	1.3 Big Slide	Student Juried Paper Program – Graduate <i>Sponsored by the Glenn and Carol Pearsall Adirondack Foundation</i>	Chair: <b>Dr. John Mills</b> , President, Paul Smith’s College <b>Cathrine Haase</b> , SUNY ESF, Moose Habitat <b>Courtney Lamere</b> , SUNY ESF, Black Bear Conflicts <b>Abigail, Larkin</b> , SUNY ESF, Wilderness Perceptions
	1.4 WRIGHT	Connecting Finnish and Adirondack Communities: Science Museums Facilitating Awareness & Action on Climate Change and Energy - The Wild Center and Heureka/The Finnish Science Center	<b>Stephanie Ratcliffe</b> , Executive Director, The Wild Center, Moderator <b>Dr. Paula Havaste</b> , Project Development Manager of Heureka <b>Dr. Johanna Kirkinen</b> , Energy and Climate Change Lead in Sitra’s Energy Programme <b>Dr. Sanna Koskinen</b> , Participation Coordinator at the Helsinki City Youth Department <b>Kirsi Verkka</b> , Education Consultant, Department of Education in Helsinki <b>Meadow Hackett</b> , Saranac Lake Central School

12:30p.m. Lunch– Speaker, the **Honorable Joseph J. Martens**, Commissioner, NYS Department of Environmental Conservation (ARMSTONG/BASIN)

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

CONCURRENT SESSIONS	2.1 ALGONQUIN	Assessing Economic Impacts of a Large-Scale Project – North Creek Case Study, Part 2  Actions and Results	<b>Jeff Anthony</b> , The LA Group, Moderator <b>Mike Pratt</b> , ORDA, Investments/Upgrades at Gore and UMP’s <b>Sterling Goodspeed</b> , Supervisor, North Creek, Town of Johnsbury/Local Merchants <b>John Wheatley</b> , Warren County EDC, Impacts on Warren County <b>Panel</b> , Tasks Remaining to be Accomplished
	2.2 IROQUOI	Solar Energy/Hydro/Biomass Energy	<b>Joe Visalli</b> , Moderator <b>Terry Brown</b> , Warner Energy <b>Dan Whyte</b> , Brookfield Renewable Power <b>Ellen Burkhard</b> , NYSERDA, Wood Energy
	2.3 Big Slide	Student Juried Paper Program – Undergraduate & Graduate <i>Sponsored by the Glenn and Carol Pearsall Adirondack Foundation</i>	Chair: <b>Dr. John Mills</b> , President, Paul Smith’s College <b>Undergraduate:</b> <b>Benkamin Eck, Kim Forrest, and Alex Byrne</b> Paul Smith’s College, Salamander Condition <b>Graduate:</b> <b>Caitlin Snyder</b> , SUNY ESF, Forest Floor Communities <b>Scott Warsen</b> , SUNY ESF, Bird Assemblages
	2.4 WRIGHT	Assessing Emerging Threats and Impacts of Invasive Species	<b>Hillary Smith</b> , Moderator <b>Mark C. Whitmore</b> , Cornell University <b>Christopher T. Martine</b> , SUNY Plattsburgh <b>Scott A. Kishbaugh</b> , NYS DEC
	2.5 Cascade	Hudson River Research Collaboration	<b>Stacy McNulty</b> , Moderator <b>Karin Limburg</b> , SUNY ESF <b>Douglas Reed</b> , Hudson River Watch <b>A.J. Smith</b> , NYSDEC <b>Rob Breen</b> , Siena College

3:30 p.m. Break (AVALANCHE PASS) Poster Presenters will be available to discuss their research during break.

4:00 p.m. **Plenary Panel Session 2:** (ALGONQUINONQUIN/IROQUOIS/WRIGHT)

Adirondack Partnerships Project: Vision and Strategies for Improving the Economy of the Adirondack Park Chair: <b>Bill Farber</b> , Chairman, Adirondack Partnerships Projects
---

5:15 p.m. Adjourn, Reception (Cash Bar with hor`deurves served) (OUTDOORS AT DANCING BEARS)

**Thursday, May 19, 2011**

7:30 a.m. Continental Breakfast (AVALANCHE PASS)

8:15 a.m. 2011 ARC Annual Meeting and Elections (ALGONQUINONQUIN/IROQUOIS/WRIGHT)

- President’s Report
- Election of Board of Directors

8:45 a.m. Alternative Storm Water Technologies, Chair: **Dan Spada, Adirondack Park Agency**  
(ALGONQUINQUIN/ IROQUOIS/WRIGHT)

**KEYNOTE: Thomas P. Ballestero**, University of New Hampshire, “Storm Water Treatment Alternative Technologies”

**Plenary Panel Session 3:**

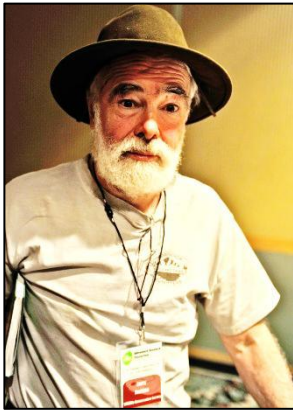
**Bill Lupo**, NYS DEC, New DEC Stormwater Regulations

**Chris Navitsky**, Lake George Waterkeeper, Educational Outreach on Lake George

10:15 a.m. Break (AVALANCHE PASS)

10:45 a.m. Concurrent Sessions 3 – (Please Choose One):

CONCURRENT SESSIONS	3.1 IROQUOIS	Alternative Waste Treatment Technologies	<p><b>Dan Spada, Adirondack Park Agency</b>, Moderator  <b>Shaun LaLonde</b>, NYS APA, Policies and Regulations  <b>Kevin Scheuer</b>, NYS DOH: Policies and Regulations  <b>Andy Getty</b>, Town of Webb Code Enforcement Officer, Experiences in Webb  <b>Eric Murdock</b>, Director, City of Syracuse Water Department, Technologies Investigated in the Skaneateles Lake Watershed</p>
	3. ALGONQUIN ONQUIN	Birds of the Northern Forest	<p><b>Sunita Halasz</b>, Moderator  <b>Joan Collins</b>, NYS Ornithological Association &amp; NNY Audubon  <b>Judith Scarl</b>, Vermont Center for Ecostudies  <b>Michale Glennon</b>, Wildlife Conservation Society  <b>Jeremy J. Kirchman</b>, Curator of Birds, New York State Museum</p>
	3.3 WRIGHT	Adirondack Youth Climate Summit	<p><b>Jen Kretser</b>, Wild Center, Moderator  <b>Tammy Morgan, Tom Dodd, Dan Coffrin, Thomas Potter, and Connor Boughton</b>, Lake Placid Central School  <b>Kathy Eldridge, Bryan Larson</b>, Tupper Lake Central School  <b>Dr. Amanda Lavigne</b>, St. Lawrence University  <b>Katharine Glenn</b>, Paul Smith’s College</p>
	3.4 BIG SLIDE	Research Papers	<p><b>Mark Rooks</b>, Adirondack Park Agency, Moderator  <b>Patrick, David</b>, Paul Smith’s College, Changes in aquatic communities resulting from interactions between climate change and invasive aquatic plants  <b>Celia A. Evans</b>, Paul Smith’s College, Fragment viability and rootlet formation in Eurasian watermilfoil after desiccation  <b>James E. Dukett</b>, ALSC, Progress toward Clean Cloud Water at Whiteface Mountain New York  <b>Kristina Arseneau</b>, Queens University, Environmental Stressors on Adirondack Lakes</p>
	3.5 GOTHICS	Research Papers	<p><b>John Barge</b>, Adirondack Park Agency, Moderator  <b>Ann Hope Ruzow Holland</b>, Community Planning Advisor and Faculty SUNY Plattsburgh, Participatory Planning For Adirondack Park  <b>Marianne Patinelli-Dubay</b>, SUNY ESF, Transgressing the Blue Line: Toward an Inclusive Narrative of Adirondack Wilderness  <b>Carrie Tuttle</b>, Clarkson University, Values in the Wind: A Hedonic Analysis of Wind Power Facilities</p>



12:30 p.m. Lunch – (ARMSTONG/BASIN),

Outstanding Juried Student Paper Recognition  
 Chair: **Dr. John Mills**, President, Paul Smith's College  
*Sponsored by the Glenn and Carol Pearsall Adirondack Foundation*

Presentation: 2011 Adirondack Achievement Award  
**Jerry Jenkins**, Wildlife Conservation Society

Closing Remarks: **Honorable Teresa R. Sayward**  
 113<sup>th</sup> Assembly District




1:45 p.m. Concurrent Sessions 4 – (Please Choose One):

CONCURRENT SESSIONS	4.1 IROQU	One Year Later: The Paul Smith's College VIC and The Adirondack Interpretive Center	<b>Liz Thorndike</b> , Chair <b>Paul Hai</b> , Adirondack Interpretive Center <b>Brian McDonnell</b> , Paul Smith's College VIC
	4.2 WRIGHT	Research Papers	<b>Kathy Regan</b> , Adirondack Park Agency, Moderator <b>Rose Graves</b> , University of Vermont Wildlife Movement Corridors <b>Justin Ecret</b> , SUNY Plattsburgh, Brook Trout Habitat Assessment and Dispersal Patterns
	4.3 ALGO NQUIN	Historical Presentation	<b>Dan Fitts</b> , Adirondack Research Consortium, Moderator <b>John Jablonski</b> , President, Clinton Community College, 100 <sup>th</sup> Anniversary of the Champlain Hotel
	4.4 GOTHICS	Research Papers	<b>Robyn Burgess</b> , Adirondack Park Agency, Moderator <b>Elizabeth Lee</b> , Outdoor Guide, Utilization of Outdoor Learning to meet NYS Science Curriculum Standards <b>Janet Mihuc</b> , Paul Smith's College, Occurrence of the Skipper Butterfly Species in the Northern Adirondacks

3:00 p.m. Adjourn

<p><b>Poster Presentations - Displayed Throughout Conference, (AVALANCHE PASS)</b>  <b>Nathan L. Houck</b>, Adirondack Lake Survey Corp., The Adirondack Long Term Monitoring Program:          A Compendium of Research, Chemistry And Research Information  <b>Brian Kain</b>, Paul Smith's College, Deer Scraping  <b>Mike Petroni</b>, St. Lawrence University, Revitalizing Hydro Infrastructure – Saving the Croghan Dam  <b>Kristina Arseneau</b>, Queen's University, Recent Evidence of Biological Recovery from Acidification in the Adirondacks  <b>DEMONSTRATION: Greg Lawrence</b>, Adirondack Information Trust, Preservation of ADK Related Publications</p>
---

	<p>Coming Events: 2011 Great Adirondack Birding Celebration          Featuring Scott Weidensaul          Paul Smith's College VIC, June 3-5, 2011          Sponsored by the Adirondack Park Institute and Northern New York Audubon          For more information at <a href="http://www.adirondackparkinstitute.org">www.adirondackparkinstitute.org</a>.</p>
---	--

May 9, 2011



# **Adirondack Research Consortium**

*Better Information for Better Decisions*

*2010 ARC Sustaining Partners:*

**Brookfield Renewable Power  
Ecology and Environment, Inc.  
Iberdrola USA  
National Grid**

**New York State Energy Research and Development Authority  
O'Brien and Gere  
Open Space Institute  
Paul Smith's College  
SUNY-College of Environmental Science and Forestry**

*ARC Sponsoring Partner:*

**Empire State Forest Products Association  
The LA Group**

*ARC Supporting Partners:*

**Boquet Foundation  
SUNY Plattsburgh**

*ARC Contributing Partners:*

**Adirondack Museum  
Clarkson University  
The Wild Center  
Adirondack Nature Conservancy  
University of Vermont**

*ARC Local Government Partners:*

**Adirondack Association of Towns and Villages  
Adirondack Park Local Government Review Board  
Town of Newcomb**

*ARC Partners:*

**Adirondack Community College  
Adirondack Lakes Survey Corporation  
Adirondack Park Institute, Inc.  
Audubon New York  
Fund for Lake George, Inc.  
Newton Falls Fine Paper Company, LLC  
The Adirondack Council  
Adirondack North Country Association  
Adirondack Wild: Friends of the Forest Preserve  
Clinton Community College  
International Paper  
North Country Community College  
Wildlife Conservation Society**

*Associate ARC Partners:*

**Mountain Lake PBS  
NYS Olympic Regional Development Authority**