



Adirondack Research Consortium

Better Information for Better Decisions

18th 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, 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	Jeff Anthony , The LA Group, Moderator Sterling Goodspeed , Supervisor, North Creek, History and Early Vision John Wheatley , Warren County Economic Development Corp., Warren County’s EDC Perspective Mike Pratt , ORDA, Growth of the Re-birth Movement and the Interconnect Sterling Goodspeed , Supervisor, North Creek, The Partners and Goals Panel , Roadblocks/Problems/Issues
	1.2 Iroquois	Bioenergy	Joe Visalli , Moderator Dan Conable , New York Bioenergy Alliance Eric Carlson , ESFPA Brian Houseal , Adirondack Council Tom Martin , NYSDEC Dave Shaw , NYS DEC, Air Quality Mark Torpey , NYSERDA
	1.3 GOTHICS	Student Juried Paper Program – Graduate <i>Sponsored by the Glenn and Carol Pearsall Adirondack Foundation</i>	Chair: Dr. John Mills , President, Paul Smith’s College Cathrine Haase , SUNY ESF, Moose Habitat Courtney Lamere , SUNY ESF, Black Bear Conflicts Abigail, Larkin , 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	Stephanie Ratcliffe , Executive Director, The Wild Center, Moderator Dr. Paula Havaste , Project Development Manager of Heureka Dr. Johanna Kirkinen , Energy and Climate Change Lead in Sitra’s Energy Programme Dr. Sanna Koskinen , Participation Coordinator at the Helsinki City Youth Department Kirsi Verkka , Education Consultant, Department of Education in Helsinki Meadow Hackett , 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	Jeff Anthony , The LA Group, Moderator Mike Pratt , ORDA, Investments/Upgrades at Gore and UMP’s Sterling Goodspeed , Supervisor, North Creek, Town of Johnsbury/Local Merchants John Wheatley , Warren County EDC, Impacts on Warren County Panel , Tasks Remaining to be Accomplished
	2.2 IROQUOI	Solar Energy/Hydro/Biomass Energy	Joe Visalli , Moderator Terry Brown , Warner Energy Dan Whyte , Brookfield Renewable Power Ellen Burkhard , NYSERDA, Wood Energy
	2.3 GOTHICS	Student Juried Paper Program – Undergraduate & Graduate <i>Sponsored by the Glenn and Carol Pearsall Adirondack Foundation</i>	Chair: Dr. John Mills , President, Paul Smith’s College Undergraduate: Benkamin Eck, Kim Forrest, and Alex Byrne Paul Smith’s College, Salamander Condition Graduate: Caitlin Snyder , SUNY ESF, Forest Floor Communities Scott Warsen , SUNY ESF, Bird Assemblages
	2.4 WRIGHT	Assessing Emerging Threats and Impacts of Invasive Species	Hillary Smith , Moderator – Mark C. Whitmore , Cornell University Christopher T. Martine , SUNY Plattsburgh Scott A. Kishbaugh , NYS DEC
	2.5 BIG SLIDE	Hudson River Research Collaboration	Stacy McNulty , Moderator –Panel Karin Limburg , SUNY ESF Douglas Reed , Hudson River Watch A.J. Smith , NYSDEC Rob Breen , 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: **Bill Farber**, 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**
(ALGONQUINONQUIN/ IROQUOIS/WRIGHT)

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

Plenary Panel Session 3:

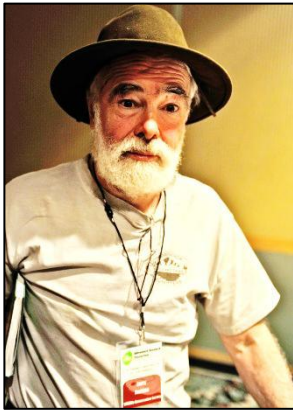
Bill Lupo, NYS DEC, New DEC Stormwater Regulations

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>Dan Spada, Adirondack Park Agency, Moderator Shaun LaLonde, NYS APA, Policies and Regulations Kevin Scheuer, NYS DOH: Policies and Regulations Andy Getty, Town of Webb Code Enforcement Officer, Experiences in Webb Eric Murdock, Director, City of Syracuse Water Department, Technologies Investigated in the Skaneateles Lake Watershed</p>
	3. ALGONQUINONQUIN	Birds of the Northern Forest	<p>Sunita Halasz, Moderator – Joan Collins, NYS Ornithological Association & NNY Audubon Judith Scarl, Vermont Center for Ecostudies Michale Glennon, Wildlife Conservation Society Jeremy J. Kirchman, Curator of Birds, New York State Museum</p>
	3.3 WRIGHT	Adirondack Youth Climate Summit	<p>Jen Kretser, Wild Center, Moderator – Panel Tammy Morgan, Tom Dodd, Dan Coffrin, Thomas Potter, and Connor Boughton, Lake Placid Central School Kathy Eldridge, Bryan Larson, Tupper Lake Central School Dr. Amanda Lavigne, St. Lawrence University Katharine Glenn, Paul Smith’s College</p>
	3.4 BIG SLIDE	Research Papers	<p>Patrick, David, Paul Smith’s College, Changes in aquatic communities resulting from interactions between climate change and invasive aquatic plants Celia A. Evans, Paul Smith’s College, Fragment viability and rootlet formation in Eurasian watermilfoil after desiccation James E. Dukett, ALSC, Progress toward Clean Cloud Water at Whiteface Mountain New York Kristina Arseneau, Queens University, Environmental Stressors on Adirondack Lakes</p>
	3.5 GOTHICS	Research Papers	<p>Ann Hope Ruzow Holland, Community Planning Advisor and Faculty SUNY Plattsburgh, Participatory Planning For Adirondack Park Marianne Patinelli-Dubay, SUNY ESF, Transgressing the Blue Line: Toward an Inclusive Narrative of Adirondack Wilderness Tuttle, Carrie, 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**
 113th Assembly District




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

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

3:00 p.m. Adjourn

<p>Poster Presentations - Displayed Throughout Conference, (AVALANCHE PASS) Nathan L. Houck, Adirondack Lake Survey Corp., The Adirondack Long Term Monitoring Program: A Compendium of Research, Chemistry And Research Information Brian Kain, Paul Smith's College, Deer Scraping Mike Petroni, St. Lawrence University, Revitalizing Hydro Infrastructure – Saving the Croghan Dam Kristina Arseneau, Queen's University, Recent Evidence of Biological Recovery from Acidification in the Adirondacks DEMONSTRATION: Greg Lawrence, Adirondack Information Trust, Preservation of ADK Related Publications</p>
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	<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 www.adirondackparkinstitute.org.</p>
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May 3, 2011



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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**