



New York State Wetlands Forum, Inc.
Annual Conference and Meeting
Poughkeepsie, New York

April 7 and 8, 2009

**“Linking Wetlands and Watersheds: 400 Years After the
Hudson/Champlain Voyages”**

Agenda

April 7

- 6:30 - 7:30 Exhibitor/Poster Setup
7:30 - 5:00 Registration and Review of Exhibits and Posters
7:30 - 9:00 Continental Breakfast
- 8:30 - 8:40 Opening Remarks: Mr. Kevin Bliss, Chair, New York State Wetlands Forum
- 8:40 - 9:10 KEYNOTE ADDRESS: Ms. Fran Dunwell, Hudson River Estuary Coordinator
- 9:10 - 9:30 BREAK and Review of Exhibits/Posters (*Break sponsored by Stearns and Wheeler, LLC*)
- 9:30 - 10:50 CONCURRENT SESSION A

1. Landscape Change Along the Hudson River

- Medicinal Wetlands - Environmental and Cultural History of Shaker Swamp (film and discussion), Mr. Theodore Timreck, Smithsonian's Museum of Natural History Anthropology Department
- Ecosystem and Landscape Change of the Mid-Hudson Estuary Over the Last 400 Years, Ms. Sanpisa Sritrairat¹, Ms. Dorothy Peteet^{1, 2}, Mr. Timothy Kenna¹, ¹Lamont Doherty Earth Observatory, ²NASA Goddard Institute for Space Studies
- 15,000 Years of Vegetation, Climate, and Carbon Sequestration in the Hudson Valley - An Archive from Sutherland Fen, Black Rock Forest, New York, Ms. D. Peteet¹ and Mr. T. Maenza-Gmelch², ¹NASA Goddard Institute for Space Studies and ²Barnard College

Moderator: Ms. Frances Reese, LU Engineers

2. Small and Isolated Wetlands

- Ephemeral or Vanishing? Community Based Woodland Pool Conservation in the Hudson Valley, *Ms. Laura T. Heady, Hudson River Estuary Program, New York State Department of Environmental Conservation*
- Small Wetland Science, *Dr. James Gibbs, State University of New York College of Environmental Science and Forestry*
- Status of Small Urban Freshwater Wetlands in Staten Island, New York City, *Ms. Ellen K. Hartig, Natural Resources Group, New York City Dept of Parks and Recreation*

Moderator: Mr. Michael Fishman, Stearns and Wheeler, LLC

3. Wetlands Beyond New York's Borders

- Sustaining the World's Wetlands: Setting Policy and Resolving Conflicts, *Dr. Richard C. Smardon, SUNY College of Environmental Science and Forestry*
- Change in Ecosystem Services and Values of Wetlands from 1992 to 2002 in the Vientiane Capitol, Laos, *Mr. chanhda HEMMAVANH, Zhejiang University, China*
- An Introduction to the Society of Wetland Scientists, *Ms. Sharon Yates, Society of Wetland Scientists (A.D. Marble and Company)*

Moderator: Ms. Charlotte Brett, Kadrmass, Lee and Jackson

10:50 - 11:10 BREAK and Review of Exhibits/Posters (*Break Sponsored by Bond, Schoeneck and King, PLLC*)

11:10 - 12:30 CONCURRENT SESSION B

1. Stream Restoration

- Stream Stabilization Through Bioengineering Techniques: A Case Study, *Mr. Kyle Buelow, CPESC, CPSWQ, O'Brien and Gere*
- The Herrick Hollow Creek Restoration, *Mr. Shaun Adams and Mr. James Saxton, Barton and Loguidice, P.C.*
- Evolution of Hybrid Streambank Stabilization Techniques, *Mr. Gregory S. Liberman, Stearns & Wheeler, LLC*

Moderator: Ms. Melissa Toni, Federal Highway Administration

2. Freshwater Tidal Wetlands

- Hudson River Wetlands Status and Trends: Prospects for an Era of Rising Seas, *Ms. Elizabeth Blair, Hudson River National Estuarine Research Reserve*
- It's All in the Kingdom: Invasive Plant - Native Plant Interactions in Hudson River Freshwater Tidal Wetlands, *Ms. Catherine A McGlynn, Hudsonia Ltd.*
- Tidal Marsh Restoration Efforts to Eradicate Phragmites, *Mr. Dan Miller, Hudson River National Estuarine Research Reserve*

Moderator: Mr. Joseph McMullen, Terrestrial Environmental Specialists, Inc.

3. Rare Species of the Hudson River Watershed

- Mapping Potential Habitat Complexes for a Rare Species, the Blanding's Turtle, in Southern Dutchess County, *Ms. Tanessa Hartwig^{1,2}, Ms. Gretchen Stephens¹, Mr. John Sullivan³ and Mr. Erik Kiviat¹, ¹ Hudsonia LTD, ²Bard College and ³Harlem Valley Wetland and Ecological Services*
- Investigations of Bog and Spotted Turtles at Bog Brook Unique Area, *Ms. Sarah L. Shute, Terrestrial Environmental Specialists, Inc.*
- Update on White-Nose Syndrome of Bats Across the Northeast, *Dr. Jeremy Coleman, U.S. Fish and Wildlife Service*

Moderator: Ms. Anne L. Secord, U.S. Fish and Wildlife Service

12:30 - 2:30 LUNCH and Membership Meeting (*Lunch Sponsored by the Society of Wetland Scientists*)

2:30 - 3:50 CONCURRENT SESSION C

1. Hudson Valley Issues

- Status, Trends, Distribution, and Functions of Wetlands in the West of Hudson District of the New York City Water Supply Watershed, *Ms. Laurie Machung, New York City Department of Environmental Protection*
- In-River Habitats of the Hudson River Superfund Site: USEPA Oversight of Characterization and Post-Dredging Reconstruction, *Mr. Mike Traynor¹ and Dr. Mark Greenburg², ¹Malcolm Pirnie Inc. and ²U.S. Environmental Protection Agency*
- Effects of Hudson River Tidal Freshwater Wetlands on Water Quality, *Dr. Stuart Findlay, Cary Institute of Ecosystem Studies*

Moderator: Mr. David Tompkins, Kleinfelder

2. Biodiversity

- What's Really Out There? Habitat Mapping for Biodiversity Conservation, *Ms. Nava Tabak and Ms. Gretchen Stevens, Hudsonia Ltd.*
- Aquatic Macrophyte Recolonization and Planting Success of Recently Dredged Littoral Area of an Adirondack Lake, *Mr. Mark Arrigo, EcoLogic, LLC*
- Maintaining Diversity in a Highly Impacted Tidal Hudson River Marsh, *Mr. Eric Lind, Director, Constitution Marsh Audubon Center and Sanctuary*

Moderator: Mr. Kurt Weiskotten, New York State Thruway Authority

3. Invasive Species

- Control of Hydrilla at Creamery Pond, *Mr. Scott Kishbaugh, New York State Department of Environmental Conservation*
- Creating a Detection Network for Invasive Species, *Ms Meg Wilkinson, The Nature Conservancy*
- Northern Snakehead Eradication - Sacrifice for the Common Good, *Mr. Michael J. Flaherty, New York State Department of Environmental Conservation*

Moderator: Mr. Chris Zimmerman, The Nature Conservancy

3:50 - 4:10 BREAK and Review of Poster/Exhibits (Break Sponsored by Terrestrial Environmental Specialists, Inc)

4:10 - 5:30 CONCURRENT SESSION D

1. Catskill Forests and Watersheds

- Maintaining Habitat Connectivity in One of the Largest Northern Hardwood Forests, *Mr. Alan White, The Nature Conservancy*
- How is Climate Change Affecting Water Resources in the Catskills?, *Mr. Douglas Burns, U.S. Geological Survey*
- Stream Corridor Management Planning in the Catskills, *Joel Dubois, Greene County SWCD*

Moderator: Mr. Edward Frantz, New York State Department of Transportation

2. Wetland Potpourri

- Using Oxygen-18 and Deuterium Isotopes to Determine Recharge Potential of Wetlands to the Great Flats Aquifer, *Mr. John M. Nadeau and Mr. Jason Pelton, Alpha Geoscience*
- Identifying and Managing Phosphorus Loading to Lakes - Comparison of Three Watershed Case Studies, *Mr. Kerry Thurston, EcoLogic, LLC*
- Phragmites Impacts on Native Species, *Mr. Erik Kiviat, Hudsonia Ltd*

Moderator: Ms. Virginia Ursitti, Watts Architecture and Engineers

3. Watershed Management

- Climatic Water Budget Analysis in Watershed Management, *Mr. Steven M. Trader, Alpha GeoScience*
- Incorporating Watershed Priorities into Wetland Mitigation Design, *Ms. Sheila Hess, Ducks Unlimited, Inc.*
- A Watershed Approach to Protecting and Restoring Wetland Communities in the Adirondack Park, *Ms. Mary O'Dell, Adirondack Park Agency*

Moderator: Ms. Stephanie Wojtowicz, New York Department of State

5:30 - 7:00 COCKTAIL HOUR

Cocktail Hour Sponsored by The Chazen Companies

7:00 DINNER (Sponsored by Kleinfelder Associates)

April 8

6:00 - 7:30 Spring Bird Walk - Mr. Kurt Weiskotten, New York State Thruway Authority

7:30 - 8:30 Registration

8:30 - 8:35 Announcements - Mr. Kevin Bliss

8:35 - 10:00 Proposed Draft Regional Supplement to the Corps Wetland Delineation Manual and Effect of Revised Rapanos Guidance on Corps Jurisdictional Determinations

- U.S. Army Corps of Engineers Draft Regional Supplement to the Wetland Delineation Manual, *Ms. Theresa Hudson, U.S. Army Corps of Engineers, Buffalo District*
- Evaluation of the Wetland Parameter Changes Proposed in the Draft Regional Supplement to the Wetland Delineation Manual, *Mr. Joseph McMullen, Terrestrial Environmental Specialists, Inc.*
- New (2008) Corps Guidance on Jurisdictional Determinations in the Wake of Rapanos, *Mr. John Connell, U.S. Army Corps of Engineers, New York District*

Moderator: Ms. Kathleen Bennett, Esq., Bond, Schoeneck and King, PLLC

10:00 - 10:15 Break

10:15 - 11:45 Legislative and Regulatory Update

- A Year in Corps' Regulatory Affairs, *Mr. James W. Haggerty, U.S. Army Corps of Engineers, New York District*
- Regulatory Appeals Process with the Corps, *Mr. Michael G. Vissicelli, U.S. Army Corps of Engineers, New York District*
- Revisions to Adirondack Park Agency Regulations Regarding Subdivisions Involving Wetlands, *Ms. Mary O'Dell, Adirondack Park Agency*
- Current New York State Department of Environmental Conservation Wetland Issues and Regulatory Priorities, *Mr. Tim Post, New York State Department of Environmental Conservation*

Moderator: Mr. Kevin Bernstein, Esq., Bond, Schoeneck and King, PLLC

11:45 - 12:00 Closing Remarks - Mr. Kevin Bliss

Field Trips (Mr. Kurt Weiskotten, New York State Thruway Authority)

- ❖ Stewart Airport NYSDOT Project
- ❖ Mohonk Preserve
- ❖ Tivoli Bays/Norrie Point State Park
- ❖ Hudsonia Blandings Turtle Mitigation