



Hudson River Environmental Society Symposium

As part of the Official Celebration of the Quadricentennial of Henry Hudson's historic sail up the River that bears his name.

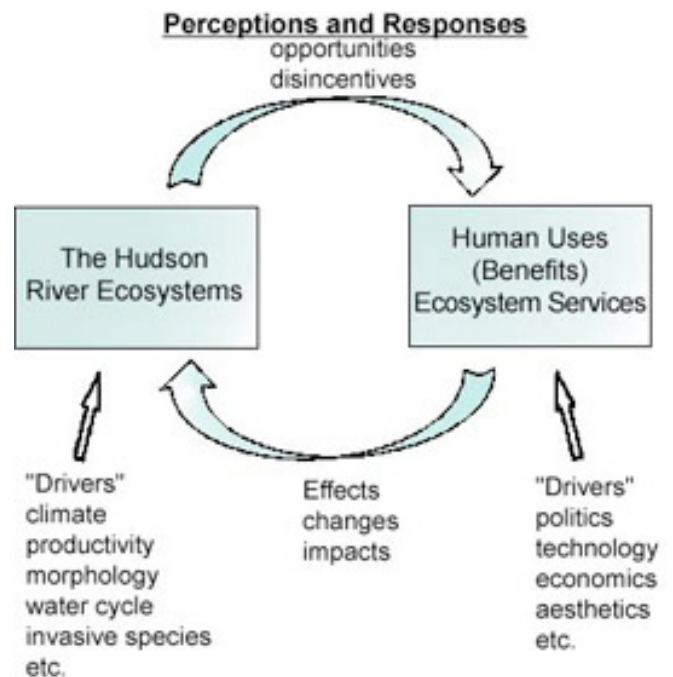
Environmental History of the Hudson River: Human Uses that Affected the Ecology and Changing Ecology that Forced Changes in Human Uses

November 5 & 6, 2009

Holiday Inn & Conference Center, Fishkill NY

A two-part symposium examining the past 400 years of how natural attributes of the Hudson River Valley influenced human uses and consequences for the ecology and environmental health of the Hudson River Valley. Invited experts will describe ecosystems during the period of human occupation and use, that changed the river ecology. All authors will discuss both aspects as they examine the interactive effects. On the second day a select panel will evaluate how such feedback mechanisms may play out over the next 400 years. A companion white paper of transactions will be published with all presentations and conclusions.

We hope to foster new discussions and new ways of reasoning among historians, biologists, economists, and other disciplines. The content should be of great value to regulatory and administrative agencies. All authors will orient their discussions around the conceptual feedback relationships between extant ecosystem character and how human uses affect those ecosystems.



SPEAKERS:

TITLE	SPEAKER
Foreword and introduction to overall scope of work	Robert Henshaw <i>SUNY Albany and NYS DEC (ret.)</i>
Feedback Between Ecosystems and Human Uses	Stuart Findlay <i>Cary Institute of Ecosystem Studies</i>
Recognizing the Symbiosis Between Biologists and Historians	Lucille Johnson <i>Vassar College</i>
Human Effects on Ecosystems	
The Earliest Twelve Millennia of Cultural Adaptation along the Hudson River Estuary	Christ Lindner <i>Bard College</i>
Hudson River Floodplain Change over the 20th Century	Mathias Collins and Daniel Miller <i>National Oceanic and Atmospheric Administration, NYS Department of Environmental Conservation</i>
Human impacts on Hudson River morphology and sediments – a result of changing use and interest	Frank Nitsche, et al. <i>Lamont- Doherty Earth Observatory Columbia University</i>
Archaeological Indices of Colonial Environmental Trauma in 17 th Century Dutch New Amsterdam	Joel Grossman <i>GeospacialArcheology.com</i>
Agriculture in the Hudson River Basin Since 1609: Change and Globalization	Simon Litten <i>NYS Dept. of Environmental Conservation</i>
18 th through 21 st century Agriculture along Columbia County Tributaries: Shaped by the Topography and Molding the Landscape	Conrad Vispo and Claudia Knab-Vispo <i>Farmscape Program, Hawthorn Farm</i>
Linking Hudson River to the Highlands – marsh to lake records of climate change and human impact	Dorothy Peteet and E. Markgraf, <i>LaMont Doherty Laboratory Columbia University</i>
Vegetation Dynamics in the Northern Shawangunk Mountains: the Last 300 Years	John Thompson and Paul Huth <i>Daniel Smiley, Mohonk Preserve, New Paltz</i>
Hudson River Fisheries Resources: From abundant to rare in 400 years	Robert Daniels, Robert Schmidt, and Karen Limburg <i>NYS Museum</i>
Herpetofauna of the Hudson River Valley	Alvin Breisch <i>NYS Dept. of Environmental Conservation</i>
Effects of Ecosystems on Humans	
Aesthetics – literary Thy fate and mine are not repose: the Hudson and its Human Tide	G. L. Brackett <i>Pace University</i>

The Influence of the Hudson River School of Art in the Preservation of the River and its Natural and Cultural Landscape	Harvey Flad <i>Vassar College</i>
The Rise and Demise of the Hudson River Ice Harvesting Industry: Urban Needs and Rural Responses	Wendy E. Harris & Arnold Pickman <i>Cragsmoor Consultants</i>
The rise and fall of the Hudson River Brick Industry - a reflection of 15,000 years of environmental changes	Roy T. Budnik <i>Roy T. Budnik & Associates, Inc.</i>
Historical and Environmental Impact of the Rosendale Natural Cement Industry	Stephen Schimmrich and Karen Helgers <i>SUNY Ulster County Community College</i>
Human sanitary wastes and waste treatment in New York City	David Tonjes and Lawrence Swanson <i>SUNY Stony Brook</i>
Impacts of a Major Introduction of A Toxic Substance and the Aftermath of its Cleanup	Jeffrey Levinton <i>SUNY Stony Brook</i>
Center of the Storm: the Hudson's Role in the Environmental Regulation of Electric Power Generation	William Dey <i>ASAAC, Washingtonville</i>
Transportation and the Tappan Zee Bridge	Roger Panetta and Joel Grossman <i>Fordham University</i>
The Introduction and Naturalization of Exotic Ornamental plant Species in New York's Hudson Valley	Chelsea Teale <i>Pennsylvania State University</i>
History in All Its Contexts	Thomas Lewis <i>Skidmore College</i>

Special Guest Speaker
Congressman Maurice Hinchey

KEYNOTE SPEAKER:
Thomas Lewis
noted Hudson River historian
Skidmore College

WHO SHOULD ATTEND:

Historians, anthropologists, archeologists, artists, economists
Biologists, ecologists, agriculturists, agronomists, environmentalists
Hydrologists and water quality engineers
Decision makers, administrators, regulators
Educators at all levels
Hudson River Enthusiasts

REGISTRATION: Includes all breaks, two lunches, grand banquet, abstracts, special pricing on transactions to be published, reduced rate on motel room.

	<u>Until October 9th</u>	<u>Until October 28</u>	<u>At Door</u>
HRES Members:	\$80	\$90	\$115
Non-members:	\$95	\$115	\$135

- **Pre-registrants may reserve a motel room at special conference pricing.**
Call Fishkill Holiday Inn directly (845-896-6281); provide Code “HRE.”
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- **Travel funding restricted by the economic downturn?**
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HRD/LMS Environmental Engineering

HUDSON RIVER ENVIRONMENTAL SOCIETY

HRES was created in 1969 to support the environmental well being of the Hudson River. It takes no position of specific technical issues, and thus is the only non-advocacy professional organization bringing together the key environmental researchers, educators, administrators, and interested public. HRES has sponsored several conferences each year on timely technical topics. These conferences bring all points of view forward and permit open discussion and communication among those individuals studying and managing the Hudson River.

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