

Fire Island National Seashore

8th Biennial Planning, Science and Research Conference

Schedule of Presentations for April 27, 2012

8:00 a.m.	REGISTRATION & COFFEE Patchogue-Watch Hill Ferry Terminal, 150 West Avenue, Patchogue, NY 11772 <i>Coffee/pastries provided by Fire Island Lighthouse Preservation Society and Friends of Watch Hill</i>	
9:00 a.m.	Welcome/Orientation	Chris Soller , Superintendent Fire Island National Seashore (FIIS)
9:05 a.m.	Keynote: <i>Man and Nature on Fire Island</i>	Dr. Robert F. Sayre Point O' Woods Association/Author
9:35 a.m.	<i>Interactions between Filter Feeding Bivalves and Harmful Algal Blooms in Great South Bay</i>	Dr. Christopher Gobler SUNY Stony Brook - SOMAS
9:55 a.m.	<i>Monitoring for Secretive Marshbirds on Fire Island</i>	Lindsay Ries , Wildlife Biologist Fire Island National Seashore
10:15 a.m.	<i>The Federally Threatened Piping Plover: Regional and Site-Specific Trends</i>	Steve Papa , Biologist U. S. Fish and Wildlife Service
10:35 a.m.	BREAK AND POSTERS	
11:00 a.m.	<i>Diet Analysis of Red Foxes on Fire Island</i>	Dr. Melissa M. Grigione Pace University - Environmental Studies
11:20 p.m.	<i>Population Ecology and Impacts of Environmental Change on the Eastern Box Turtle Population at the William Floyd Estate</i>	Dr. Nancy Karraker University of Rhode Island – Wetlands Ecology
11:40 p.m.	<i>Understanding Horseshoe Crab Population Dynamics in New York and New Jersey National Parks</i>	Dr. Mary-Jane James-Pirri University of Rhode Island – Oceanography
12:00 p.m.	LUNCH ON YOUR OWN	
1:30 p.m.	<i>Bayside Vital Signs Analysis</i>	Erika Patenaude , Biologist NPS Northeast Coastal Barrier Network
1:50 p.m.	<i>Fire Island Dune-Beach Evolution Since 1969: Understanding Controls and Measuring Changes to the System</i>	Dr. Erica Lentz , Coastal Geomorphologist US Geological Survey (USGS)
2:10 p.m.	<i>Coastal Dynamics at Fire Island: Connecting Inner Shelf Geology, Processes, and Trends of Shoreline Change</i>	Dr. Cheryl Hapke , Coastal Geomorphologist US Geological Survey (USGS)
2:30 p.m.	BREAK AND POSTERS <i>Drinks/light snacks provided by Friends of Fire Island National Seashore</i>	
2:50 p.m.	<i>Geologic Mapping at Fire Island and William Floyd Estate</i>	Dr. Norbert P. Psuty , Professor Emeritus Rutgers University Institute of Marine and Coastal Sciences
3:15 p.m.	<i>Fire Island National Seashore's General Management Plan Update</i>	Ellen Carlson , Park Planner NPS, Northeast Regional Office
3:35 p.m.	<i>Wilderness Stewardship Plan and Wilderness Character Monitoring Protocols</i>	Jason Flynn , Visitor & Resource Protection Fire Island National Seashore
3:55 p.m.	<i>Engaging Latinos in Informal Science Education</i>	Rafael Cruz Park Flight/Environment for the Americas
4:15 p.m.	<i>Concluding Remarks</i>	Michael Bilecki , Chief, Resource Management Fire Island National Seashore
4:20 p.m.	ADJORN FOR THE DAY	

Fire Island National Seashore 8th Biennial Planning, Science and Research Conference Schedule for Field Trip - Saturday April 28, 2012

8:00 a.m.	REGISTRATION & COFFEE Patchogue-Watch Hill Ferry Terminal, 150 West Avenue, Patchogue, NY 11772 <i>Coffee/pastries provided by Fire Island Lighthouse Preservation Society and Friends of Watch Hill</i>	
9:00 a.m.	<i>Leave Ferry Terminal</i>	
9:45 a.m.	<i>Arrive Sailors Haven and proceed to project area</i> Restoration of Bayside Sediment Processes	Patti Rafferty , Coastal Ecologist National Park Service, Northeast Region
10:25 a.m.	<i>Proceed on Sunken Forest Nature Trail to research site</i> Deer Browse Vegetation Analysis	Jordan Raphael , Biologist Fire Island National Seashore
11:00 a.m.	<i>Leave Sailors Haven – Lunch on Ferry</i> <i>Drinks/light snacks provided by Friends of Fire Island National Seashore</i>	
11:30 a.m.	<i>Arrive Watch Hill</i>	
	<i>Walk to Watch Hill Leach Field</i>	
11:45 a.m.	USGS Groundwater Quality Studies on Fire Island <i>1) Nitrogen loads in groundwater entering back bays and ocean from Fire Island National Seashore, and</i> <i>2) A discussion of a pilot project: A preliminary assessment of hormones and wastewater compounds in the shallow aquifer of Fire Island and nearshore discharge zones</i>	Christopher E. Schubert , USGS Water Resources Division
12:30 p.m.	<i>Walk to Watch Hill Salt Marsh Nature Trail boardwalk</i> Salt Marsh Surface Elevation Table (S.E.T.) demonstration	Dr. Charles Roman , Coastal Ecologist NPS Research Director, University of Rhode Island
1:30 p.m.	<i>Leave Watch Hill</i>	
2:00 p.m.	<i>Arrive Patchogue Ferry Terminal</i>	

For more information, see www.nps.gov/fiis/scienceconference.htm

To make reservations (*through 4/22/2012*), e-mail us at FIIS_Science_Conference@nps.gov or call **631-687-5030**

Park information: see www.nps.gov/fiis or call **631-687-4750**

Posters on display at Patchogue-Watch Hill Ferry Terminal during 8th Biennial Science Conference include:

Fire Island Wilderness Character – Fire Island National Seashore

Marine Protected Areas (MPAs) in the National Park System – National Park Service

Fire Island Water Quality Studies – Dowling College

Sea Level Rise – The Nature Conservancy

Fire Island National Seashore's Deer Population – National Park Service/United States Geological Survey

Fire Island National Seashore Surface Elevation Table (S.E.T.) Studies – National Park Service

Northeast Exotic Plant Management Team Control Efforts on Fire Island – National Park Service

Fire Island National Seashore Shoreline Change – Rutgers University Institute of Marine and Coastal Sciences

Understanding Horseshoe Crab Population Dynamics Through Citizen Science Project – National Park Service

A Preliminary Assessment of Hormones and Wastewater Compounds in the Shallow Aquifer of Fire Island and

Nearshore Discharge Zones - United States Geological Survey

Nitrogen Loads in Groundwater Entering Back Bays and Ocean from Fire Island National Seashore, Long Island, New York – United States Geological Survey

... and more