

**Agenda**  
**PEP State of the Bays Science Conference**  
**Friday, April 29, 2005**

	8:00	Registration	
	8:45	Welcome (Vito Minei, P.E., SCDHS)	
<b>Fish</b>	9:00	Rick Balla (USEPA)	Findings from the PEP Environmental Indicators Report
	9:20	Marci Bortman, Ph.D. (TNC)	Spawner Sanctuaries in the Peconic Estuary
	9:40	Tom Halavik (USFWS)	A Look at Peconic River Fish Restoration
	10:00	Vic Vecchio (NYSDEC)	Eel Population Status
	10:20	Judy Pederson, Ph.D. (WHOI)	Invasions in the Sea: Out of Sight, Out of Mind?
	10:40	County Executive Steve Levy	Welcome
	10:55	Break	
<b>Brown Tide</b>	11:05	Chris Gobler, Ph.D. (Southampton College)	A Review of the Causes and Impacts: Potential Management of Harmful Brown Tide Blooms Caused by <i>Aureococcus anophagefferens</i>
	11:25	Gordon Taylor, Ph.D. (SUNY-MSRC)	Influence of Groundwater Constituents on Initiation of the Brown Tide in the Peconic Bay System
	11:45	Darcy Lonsdale, Ph.D.	The Regulatory Role of Bivalve Suspension Feeding on Brown Tide and Other Planktonic Taxa in the Peconic Estuary
	12:05	Robert Nuzzi, Ph.D. (SCDHS)	Harmful Algae in the Peconic Estuary
	12:25	Lunch On Your Own	
<b>Water Quality</b>	1:25	Robert Waters (SCDHS)	Surface Water Quality Monitoring Results - mid-1970s to present
	1:45	Martin Trent (SCDHS)	Nitrogen & Toxics in Groundwater and Surface Waters
	2:05	Laura Bavaro and John Bredemeyer (SCDHS)	National Atmospheric Deposition Program/Atmospheric Deposition Monitoring Results
	2:25	Michael Reichel (Riverhead Sewage Treatment Plant)	Sanitary Wastewater Reuse - Irrigating the Indian Island Golf Course with Riverhead Sewage Treatment Plant Effluent
	2:45	Emerson Hasbrouck (CCE)	Results using the Coliform DNA Library in the Peconic Estuary
	3:05	Break	
<b>Plants</b>	3:15	Steve Schott (CCE)	Eelgrass Monitoring: Historic Distribution and Current Trends
	3:35	Chris Pickerell (CCE)	The Status of Eelgrass Restoration in the Peconic Estuary
	3:55	Bob Cerrato, Ph.D. (SUNY-MSRC)	Benthic Mapping and Habitat Classification in the Peconic Estuary
	4:15	Fred Mushacke (NYSDEC)	Wetlands Loss In The Peconic Estuary
	4:35	Closing statements (Kevin McDonald, The Nature Conservancy)	
	4:45	Adjourn	