

Reports and Publications

Peconic Estuary Program (PEP) Library Reports and Related Documents		
Reports	Author/Source	Date
Peconic Estuary Program Environmental Indicators Report-- DRAFT	Peconic Estuary Program	Dec 2004
A Strategy to Develop and Implement the Suffolk County Agricultural Stewardship Program - A Report of the Agricultural Environmental Management Task Force for Nitrogen and Pesticide Load Reduction	SC AEM Task Force	May 2004
Critical Lands Protection Plan	PEP Critical Lands Protection Strategy Work Group	Mar 2004
An Inventory of Submerged Aquatic Vegetation and Hardened Shorelines for the Peconic Estuary, New York	U.S. Fish and Wildlife Service	Dec 2003
Peconic Estuary Stormwater Assessment and Planning Tool	Horsley and Witten, Inc.	Oct 2003
Quality Assurance Project Plan for the Peconic Estuary Program	Waters, R.M. (SCDHS)	Aug 2003
A Preliminary Analysis of the Relationship Between Submarine Groundwater Discharge (SGD) and Submerged Aquatic Vegetation in the Peconic Estuary	R. Paulsen, C. Smith, D. O'Rourke (CCE)	June 2003
Peconic Estuary GIS Compendium	The Nature Conservancy	Dec 2002
Peconic Bivalve Ammonia Study 2002: Survival and Shell Hinge Development of Bivalve Larvae (<i>Spisula</i> sp.) Exposed to Elutriates Prepared From Sediments Collected in the Peconic Estuary Watershed	USEPA – Region 2	Oct 2002
Valuing Estuarine Resource Services Using Economic and Ecological Models: The Peconic Estuary System Study (Coastal Management, 30: 47-65, 2002)	R. J. Johnston et al.	2002
Peconic Estuary Comprehensive Conservation and Management Plan	Peconic Estuary Program	Nov 2001
A Comparison of Machine Planting Hard Clams Versus Hand Planting in the Peconic Estuary: Development of Strategies to Maximize Survival of Hatchery-Reared Seed	G. Rivara and J. Aldred	April 2001
Habitat Restoration Plan for the Peconic Estuary	PEP Habitat Restoration Work Group	Dec 2000

Living Resources Research, Monitoring, and Assessment Framework	M. Bortman, Ph.D., (PEP Natural Resources Subcommittee)	Oct 2000
A Plan to Entrap Bay Scallop Spat Subject to Evacuation from Prime Rearing Sites, with an Emphasis on Optimizing Collection Timing and Location and a Goal of Reintroduction to Natural Nursery Areas	J. Aldred, T. Ciccone, C. Hassler, and T. Dornhoffer (E. Hampton Town Shellfish Hatchery)	Aug 2000
Ultraviolet Disinfection of Sewage Treatment Plant Effluent – A Pilot Project	Emerson Hasbrouk, (CCE)	Aug 2000
A Characterization of the Resources of the Peconic Estuary with Respect to Toxics	PEP	Jul 2000
Particle Mixing and Sediment Accumulation Rates of Peconic Estuary Sediments: A Sediment Accretion Study in Support of the Peconic Estuary Program	J. K. Cochran, D.J. Hirschberg, and D. Amiel (SUNY)	Jun 2000
Three-Dimensional Hydrodynamic and Water Quality Model of Peconic Estuary (Draft final)	Tetra Tech, Inc.	Jun 2000
Peconic Estuary Program Eelgrass Restoration Project Final Report 1996-1999	Emerson Hasbrouk and Chris Pickerell (CCE)	May 2000
Federal Facility Report – Peconic Estuary Watershed	Science Applications international Corporation	April 2000
H.F. Corwin and Sons Duck Farm Constructed Wetland and Meetinghouse Creek Relocation – Final Report	USDA – NRCS and SCSWCD	Jan 2000
Tidal Creeks Study	EEA, Inc.	Oct 1999
Post-CCMP Surface Water & Point Source Monitoring Plan (Draft)	SCDHS Office of Ecology	Jun 1999
Evaluating Town Capacity and Needs in Protecting the Peconic Estuary	School of International & Public Affairs, Columbia University	May 1999
Eelgrass Habitat Criteria Study – Volume I, Narrative; Volume II, Appendices	EEA, Inc.	Mar 1999
Recreational and Resource Economic Values for the Peconic Estuary System	Economic Analysis, Inc.	Feb 1999
Draft Comprehensive Conservation and Management Plan	PEP Program Office	Sept 1999
Nitrogen Loading Budget and Trends-Major, External, Anthropogenic Nitrogen Sources: Groundwater and Duck Farms	SCDHS, Office of Ecology	Jan 1999

Ground-Water Flow Paths and Traveltime to Three Small Embayments within the Peconic Estuary, Eastern Suffolk County, New York (Water Resources Investigations Report 98-4181)	USGS	1999
Characterization Report of the Living Resources of the Peconic Estuary	Marci Bortman and Nancy Niedowski	Dec 1998
Peconic Estuary Surface Water Quality: Nitrogen, Dissolved Oxygen, and Submerged Aquatic Vegetation Habitat	SCDHS, Office of Ecology	Oct 1998
Point and Nonpoint Source Nitrogen Loading Overview (Revised draft)	SCDHS, Office of Ecology	Oct 1998
Historic Shellfishing in the Peconic Estuary Based on Baymen's Interviews: 1945-1985	Nancy Solomon (L. I. Traditions)	Oct 1998
Sag Harbor Road Ending/Boat Ramp Stormwater Mitigation Project	Cashin Associates	Sept 1998
Sediment Toxicity Testing in the Peconic Estuary/Watershed using the Amphipod, <i>Ampelisca abdita</i>	USEPA, Region II	Aug 1998
Stormwater Runoff - Best Management Practices for Marinas - A Guide for Operators	Jay Tanski (NY Sea Grant, CCE)	Aug 1998
The Peconic Watershed – Recent Trends in Wetlands and Their Buffers (Draft)	USFWS	Jul 1998
Species Composition, Seasonal Occurrence and Relative Abundance of Finfish and Macroinvertebrates Taken by Small-Mesh Otter Trawl in Peconic Bay, New York	A. Weber et al. (NYSDEC)	Jun 1998
Land Available for Development (Draft)	Suffolk County Planning Dep't.	Apr 1998
Saturation Population Analysis (Draft)	Suffolk County Planning Dep't.	Apr 1998
Surface Water Quality Monitoring Report 1976-1996 (Draft) Volume I, Narrative; Volume II, Data	Nuzzi, R., and R.M. Waters (SCDHS)	Apr 1998
Oxygen Uptake and Nutrient Regeneration in the Peconic Estuary – Final Report	B. Howes et. al. (WHOI) S. Aubrey, (Aubrey Consulting, Inc.)	Apr 1998
An Assessment of Shellfish Resources in the Tributaries and Embayments of the Peconic Estuary	D.E. Lewis, Gregg Rivara (CCE)	Apr 1998
Land Use Change Analysis	Suffolk County Planning Dep't.	Mar 1998
Defining freshwater outcrops in West Neck Bay, Shelter Island, New York using direct contact resistivity	R.J. Paulsen, et al.	1998

measurements and transient underflow measurements		
Areas Contributing Ground Water to the Peconic Estuary and Ground Water Budgets for the North and South Forks and Shelter Island, Eastern Suffolk County, New York (Water-Resources Investigations Report 97-4136)	USGS	1998
Protocols for Harvesting and Transplanting Eelgrass in the Peconic Estuary	EEA, Inc; East Hampton Town Natural Resource Dept.; CCE	Aug 1997
Peconic Bay System: Aquaculture	James L. Anderson Mark J. Spatz (Economic Analysis Inc.)	May 1997
An Annotated Bibliography of the Natural Resources of the Peconic Estuary and Adjacent Locations on Eastern Long Island, NY	Michael J. Ahrens (SUNY MSRC)	Apr 1997
Water Dependent Use and Underwater Land Ownership Inventory (Draft)	SCPD	Apr 1997
Draft Water Quality Calibration Results, Preliminary Management Runs	Tetra-Tech, Inc.	Mar 1997
Population Analysis (Draft)	Suffolk County Planning Department	Mar 1997
Surface Water Quality Modeling of the Peconic Estuary, Calibration of EFDC Hydrodynamic Model (Interim Report #2)	Tetra Tech, Inc.	Jan 1997
Comprehensive Conservation & Management Plan, Pathogen Contamination, Assessment of Conditions (Draft)	Cynthia Decker (NYSDEC)	Jan 1997
Existing Land Use Inventory (Draft)	Suffolk County Planning Department	Jan 1997
An Assessment of Shellfish Resources in the Deep Water Areas of the Peconic Estuary	Daniel Lewis, et.al. (SUNY MSRC)	1997
Contributing Areas to the Peconic Estuary and Groundwater Budgets for the North and South Forks and Shelter Island, Eastern Suffolk, New York	C. Shubert (USGS)	1997
Development and Evaluation of an Ultrasonic Groundwater Seepage Meter	R. J. Paulsen, et.al. (SCDHS/CCE)	1997
Chemical Contaminant Distributions in Peconic Estuary Sediments	Arthur D. Little, Inc.	Dec 1996
The Peconic Estuary System: Perspective on Uses, Sectors and Economic Impacts (Revised final)	EAI, Inc.	Nov 1996

Radioactive Contamination in the Peconic River: A Review of the New York State Environmental Radiation Monitoring Program Data	NYSDOH, Bureau of Environmental Radiation Protection	Sept 1996
Selected Natural Resource Mapping and Digitizing of the Peconic Estuary and Watershed	Joseph Dowhan (USFWS)	Jul 1996
Statement of Support for the Proposed Modification to the Riverhead Sewage Treatment Plant (STP) Discharge Permit (SPDES #NY-0020061)	PEP Program Office	Apr 1996
Feasibility of Coupled Three-Dimensional Hydrodynamic and Water Quality Modeling of the Peconic Bay System (Interim Report #1)	John M. Hamrick (Tetra-Tech, Inc.)	Apr 1996
Submerged Aquatic Vegetation Study	Cashin Associates, P.C.	Jan 1996
Marine Mammal and Sea Turtle Report (Draft)	Samuel S. Sadove (OKEANOS)	1996
Surface Water Quality Monitoring 1993-1995	SCDHS, Office of Ecology	Dec 1995
Commercial Finfish and Crustacean Landings From Peconic and Gardiners Bay 1980-1992	Alice Weber Christina Grahn (NYSDEC)	Nov 1995
Bay Scallop Restoration, Western Peconic Bay (Draft)	Christopher F. Smith (CCE)	Oct 1995
Rare Plants, Rare Animals and Significant Natural Communities in the Peconic Estuary	Rachel A. Pleuthner (N.Y. Natural Heritage Program)	Aug 1995
Base Program Analysis, Nonpoint Source Management Plan Inventory (Draft)	SCDHS Office of Ecology	Jun 1995
Planting Bay Scallops: Results of reseeding bay scallops in the Peconic Bay New York 1986 to 1992	Peter Wenczel, et. al.	1993
Proceedings of Workshop on Marine Surface Water Quality Modelling and the Evaluation of Possible Surface Water Quality Guidelines	SCDHS	Dec 1993
Sediment-Water Flux Measurements in the Peconic Bay Estuarine Ecosystem: July and October 1989	Garber et al.	June 1990

**Peconic Estuary Program (PEP) Library
Program Office Reports**

Information	Author/Source	Date
2004 Implementation Review Report	PEP Program Office	2004
Peconic Estuary Program (PEP) FY 04 Workplan and Budget	PEP Program Office	2004
Peconic Estuary Program (PEP) FY 03 Workplan and Budget	PEP Program Office	2003
Peconic Estuary Program (PEP) FY 02 Workplan and Budget	PEP Program Office	2002
Peconic Estuary Program (PEP) FY 01 Workplan and Budget	PEP Program Office	2001
Peconic Estuary Program (PEP) FY 00 Workplan and Budget	PEP Program Office	2000
Peconic Estuary Program (PEP) FY 99 Workplan and Budget	PEP Program Office	1999
Peconic Estuary Program (PEP) FY 98 Workplan and Budget	PEP Program Office	1998
Peconic Estuary Program (PEP) FY 97 Workplan and Budget	PEP Program Office	1997
Program Office Status Report (One- Page)	PEP Program Office	Jun 1997
Peconic Estuary Program (PEP) Bulletin	PEP Program Office	Aug 1996

Peconic Estuary Program (PEP) Program Background	PEP Program Office	Jun 1996
Peconic Estuary Program (PEP) First Annual Conference Information Package	PEP Program Office	Jun 1996
Peconic Estuary Program (PEP) Conference Abstracts	PEP Program Office	Jun 1996
Peconic Estuary Program (PEP) Status Report (technical work tasks)	PEP Program Office	Jun 1996
Peconic Estuary Program (PEP) FY 96 Workplan and Budget	PEP Program Office	1995
Peconic Estuary Program (PEP) Bulletin	PEP Program Office	Sep 1995
Peconic Estuary Program (PEP) FY 95 Workplan and Budget	PEP Program Office	1995
Action Plan Bulletin	PEP Program Office	Apr 1994
Peconic Estuary Program (PEP) Management Conference Agreement	PEP Program Office	Jun 1993
Peconic Estuary Program (PEP) FY 94 Phase 1 Workplan and Budget	PEP Program Office	Jun 1993
Peconic Estuary Program (PEP) Data Management Strategy	PEP Program Office	Dec 1993

**Peconic Estuary Program (PEP) Library
Brown Tide Literature**

Reports	Author/Source	Date
Influence of Groundwater Constituents on Initiation of the Brown Tide in the Peconic Bay System	Taylor, G.T., Sanudo-Wilhelmy, S., and C. Gobler	2004
Long-Term Perspective on the Dynamics of Brown Tide Blooms in Long Island Coastal Bays	Nuzzi, R. and R.M Waters / Submitted to <u>Harmful Algae</u> .	2003
Development and Application of a Monoclonal-Antibody Technique for Counting <i>Aureococcus anophagefferens</i> , an Alga Causing Recurrent Brown Tides in the Mid-Atlantic United States	Caron, D.A., Dennet, M.R., Moran, D.M, Schaffner, R.A, Lonsdale, D.J., Nuzzi, R., and T.I. McLean. / <u>Applied and Environmental Microbiology</u> , <u>69(9): 5492-5502</u>	2003
Accuracy Enhancement of Microscopic Enumeration of Picoplankter <i>Aureococcus anophagefferens</i>	Mahoney, J.B, Jeffress, D., Bredemeyer, J., and K. Wendling / Northeast Fisheries Science Center Ref. Doc. 03-11	2003
Dissolved Organic Nitrogen Hydrolysis Rates in Axenic Cultures of <i>Aureococcus anophagefferens</i> (Pelagophyceae): Comparison with Heterotrophic Bacteria	Berg, G.M, Repeta D.J., and J. Laroche/ <u>Appl. Envir. Microbiol.</u> <u>68</u> : 401-404.	2002
Estuarine Management Related to Human Needs: Meeting the Challenge.	Nuzzi, R. / Presented at the conference on "Science, Public Policy, and Economic Development in the Coastal Ecosystems of Chile, November 19-20, 2002, Santiago. Facultad Latinoamericana de Ciencias Sociales (FLACSO), 16pp. <u>Submitted to Proceedings volume</u> .	2002
Comparative Phytoplankton and Microzooplankton Analysis in Long Island Bays	Lonsdale, D.J., Taylor, G.T., and E. Hillebrand / Final Report to the Peconic Estuary Program Office, SCDHS	2002
Effects of Organic Carbon, Organic Nitrogen, Inorganic Nutrients, and Iron Additions on the Growth of a Phytoplankton and Bacteria During a Brown Tide Bloom. .	Gobler, C.J., Sañudo-Wilhelmy, S.A. / <u>Mar. Ecol. Prog. Ser.</u> , <u>209</u> , 19-34	2001
Brown Tides and Mariculture in Saldanha Bay, South Africa.	Probyn, T, Pitcher, G., Pienaar, R., and R. Nuzzi / <u>Marine Pollution Bulletin</u> , 42 (5): 405-408	2001
Sterols of the Brown Tide Alga <i>Aureococcus anophagefferens</i>	Giner, J-L. and G.L. Boyer / <u>Phytochemistry</u> , <u>48(3)</u> : 475-477	1998
Brown Tide Workplan	Brown Tide Steering Committee (Suffolk County, Coordinator)	Jun 1997
Projects Presented at Brown Tide Research Update Symposium	Sea Grant	Apr 1997

<i>Aureococcus anophagefferens</i> : Causes and Ecological Consequences of Brown Tides in U.S. Mid-Atlantic Coastal Waters.	Bricelj, V.M., Lonsdale, D. J. / <i>Limnol. Oceanogr.</i> <u>42</u> , 1023-1038.	1997
Brown Tide Blooms in Long Island's Coastal Waters Linked to Interannual Variability in Groundwater Flow Purification of <i>Aureococcus anophagefferens</i> Culture (Progress Report)	LaRoche, J. Nuzzi, R., Waters, R., Wyman, K., Falkowski, P.G., and D.W.R. Wallace. / <i>Global Change Biology</i> <u>3</u> : 101-114	1997
The First <i>Aureococcus anophagefferens</i> Brown Tide in New Jersey	John B. Mahoney	Undated (Circa 1996)
"Causative Factors in the Initiation of Brown Tide Algal Blooms" (Progress Report)	Nuzzi, R. Olsen, P., Mahoney, J.B. and G. Zodi / <i>Harmful Algae News</i> , No. 15	1996
Iron and Nitrogen Nutrition in the Brown Tide Algae (Progress Report)	Robert Wilson (SUNY-MSRC)	Jul 1996
Proceedings of the Brown Tide Summit	Gregory L. Boyer	Jan-Jun 1996
A Field Study of Microzooplankton Biomass and Grazing Rate	New York Sea Grant	Oct1995
Inferring Brown-Tide Dynamics in Peconic Bay from Models and Data	Darcy J. Lonsdale (SUNY-MSRC)	Aug 1995
Reseeding Efforts and the Status of Bay Scallop <i>Argopecten irradians</i> (Lamarck, 1819) Populations in New York Following the Occurrence of "Brown Tide" Algal Blooms	Edward Beltrami	Mar 1995
An Immunofluorescent Survey of the Brown Tide Chrysophyte <i>Aureococcus anophagefferens</i> Along the Northeast Coast of the United States	Tettelbach, S.T., and P. Wenczel / <i>Journal of Shellfish Research</i> , <u>12</u> (2): 423-431	1993
Zooplankton Community Effects on the Phytoplankton Community in Long Island Bays	Anderson, D.M., Keafer, B.A., Kulis, D.M., Waters, R.W. and R. Nuzzi / <i>Journal of Plankton Research</i> , <u>15</u> (5): 563-580	1993
Brown Tide Comprehensive Assessment and Management Program Summary	Kim, Woong-Seo / Ph.D. Dissertation, MSRC, SUNY, Stony Brook, 242 pp.	1993
Brown Tide Comprehensive Assessment and Management Program Volume III (Appendices)	SCDHS	Nov 1992
Brown Tide Comprehensive Assessment and Management Program Volume II	SCDHS	Nov 1992
Brown Tide Comprehensive Assessment and Management Program Volume I	SCDHS	Nov 1992

Hydraulic and Water Quality Screening Analysis of Sag Harbor: A Small Tidal Embayment of the Peconic Bays, New York	Najarian Associates, L.P.	Mar 1992
Final Report Interim Report No. 3 Water Quality Modeling for the Peconic Bay BTCAMP	Tetra-Tech	Undated (Circa 1992)
Development of a Research Program for the Peconic Bay Estuary Responsive to Management Needs Phase 1	MSRC, SUNY	Nov 1991
Flushing-Time Estimates for West Neck Harbor: A Small Tidal Embayment of the Peconic Bays, New York	Najarian Associates, L.P.	Jun 1991
Testing and Application of Biomonitoring Methods for Assessing Environmental Effects of Noxious Algal Blooms	Tracey, Steele, R.L., Gatzke, J., Phelps, D.K., Nuzzi, R., Waters, R.W. and D.M. Anderson / In: Novel Phytoplankton Blooms Causes and Impacts of Recurrent Brown Tides and Other Unusual Blooms. E.M. Cospers V.M. Bricelj, E. J. Carpenter, eds. Springer-Verlag	1989
Interim Progress Report, Water Quality Modeling for the Peconic Bay BTCAMP, Draft	Tetra-Tech	Feb 1989
Interim Progress Report No. 2, Water Quality Modeling for the Peconic Bay BTCAMP	Tetra-Tech	Aug 1989
The Spatial and Temporal Distribution of Brown Tide in Eastern Long Island	Nuzzi, R. and R.M. Waters / In: Novel Phytoplankton Blooms Causes and Impacts of Recurrent Brown Tides and Other Unusual Blooms. E.M. Cospers V.M. Bricelj, E. J. Carpenter, eds. Springer-Verlag	1989
Novel Phytoplankton Blooms Causes and Impacts of Recurrent Brown Tides and Other Unusual Blooms	E.M. Cospers V.M. Bricelj, E. J. Carpenter	1989
New York's Brown Tide	Nuzzi, R. / The Conservationist (NYSDEC)	Sep.-Oct. 1988
A Study of the Growth Physiology of the "Brown Tide" Alga Isolated from Long Island Bays	Cospers, E.M., Carpenter, E.J. / Final Report to the SCDHS	1987
Recurrent and Persistent Brown Tide Blooms Perturb Coastal Marine Ecosystem	Cospers, E.M., Dennison, W.C., Carpenter, E.J., Bricelj, V.M., Mitchell, J.G., and S.H. Kuenstner / Estuaries, <u>10(4)</u> : 284-290	1987

**Peconic Estuary Program (PEP) Library
Citizens Education / Outreach Information**

Information	Author	Date
PEP Talk [PEP Newsletter]	Peconic Estuary Program	Fall 2004
The Peconic Estuary Program's Critical Lands Protection Strategy: Prioritizing Land for Protection [Article]	Bavaro, L., Bortman, M., and K. Pogue / Coastlines, Issue 13.6: 13-16	Dec 2003
Preserving Fish Habitat in the Peconic Estuary: A Guide for Anglers & Boaters [Brochure]	Cornell Cooperative Extension	Oct 2002
Peconic Estuary Comprehensive Conservation and Management Plan – Public Summary	Peconic Estuary Program	Oct 2002
The Bay Show IX - The Children's Conference & Kids APDP's	Gayle Marriner-Smith, et. al	1997
Saving the Bays in Many Ways (Brochure)	PEP Citizen's Advisory Committee	1996
The Bay Show VIII - Endangered & Priority Species	Gayle Marriner-Smith, et. al	1996
The Bay Show VII - Bond Act/Implementation	Gayle Marriner-Smith, et. al	1996
The Bay Show VI - Submerged Aquatic Vegetation/APDP (VIDEO)	Gayle Marriner-Smith, et. al	1996
The Bay Show V - Marine Recreation (VIDEO)	Gayle Marriner-Smith, et. al	May 1996
The Bay Show IV - Public Outreach (VIDEO)	Gayle Marriner-Smith, et. al	Apr 1996
The Bay Show III - Toxics (VIDEO)	Gayle Marriner-Smith, et. al	1996
The Bay Show II - Nitrogen (VIDEO)	Gayle Marriner-Smith, et al	Feb 1996
The Bay Show - Scallops & Brown Tide (VIDEO)	Gayle Marriner-Smith, et al	Jan 1996
The Barnyard Blues Farmers talk about barnyard water management (VIDEO)	U.S. Dept Agriculture Soil Conservation/ NYSDEC	Jun 1993

Save the Peconic Bays (VIDEO)	Mediatech East	1990
Sea Grant Boat Waste Teleconference Part I & II (VIDEO)	Sea Grant	Undated
Boat Pumpout Facilities in New York and Connecticut Marine Waters (Brochure)	New York Sea Grant Connecticut Sea Grant	Undated

South Shore Estuary Reserve

Reports	Author/Source	Date
Surface Water Quality Monitoring Report, Volume I, Narrative	Nuzzi, R, and R. M. Waters. SCDHS	May 1999
Surface Water Quality Monitoring Report, Volume II, Data	Nuzzi, R, and R. M. Waters. SCDHS	May 1999
Long Island South Shore Estuary Reserve Interim Report	NYSDOS	Mar 1998