



**EBC Ocean and Coastal Resources Program
Living Shorelines**

Friday, July 22, 2016

Nutter McClennen & Fish LLP
155 Seaport Boulevard
Boston, Massachusetts

AGENDA

- 8:00 a.m.** **Welcome: Payson Whitney**, Chair, EBC Ocean and Coastal Resources Committee
Vice President, ESS Group, Inc.
- Introduction: Stacy Minihane, PWS**, Program Chair and Moderator
Associate, Beals & Thomas
- 8:10 a.m.** **Legal and Regulatory Aspects of Coastal Stabilization Projects in
Massachusetts**
Glenn Wood, Esq., Partner, Rubin and Rudman LLP
- 8:50 a.m.** **Shoreline Stabilization: Soft or Not?**
Daniel Gagne, P.E., Senior Civil Engineer, Beals and Thomas, Inc.
- 9:20 a.m.** **StormSmart Properties Fact Sheets: Informing Living Shoreline Projects**
Rebecca Haney, CFM, Coastal Geologist,
Massachusetts Office of Coastal Zone Management
- 10:05 a.m.** **Networking Break**
- 10:25 a.m.** **Bioengineering strategies: Reducing Coastal Erosion and Storm Damage
While Minimizing Impacts**
Seth Wilkinson, MALD, President & Restoration Ecologist
Wilkinson Ecological Design, Inc.

11:30 a.m. Panel Discussion

Panel Moderator: Greg Berman, Cape Cod Cooperative Extension

Panel Members:

- Daniel Gagne, P.E., Beals and Thomas, Inc.
- Rebecca Haney, Massachusetts Office of Coastal Zone Management
- Seth Wilkinson, MALD, Wilkinson Ecological Design, Inc.
- Glenn Wood, Esq., Rubin and Rudman LLP

12:00 p.m. Adjourn

PROGRAM CHAIR

Stacy H. Minihane, PWS, Associate

Beals and Thomas, Inc.

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Stacy is the leader of B+T's Permitting and Environmental Services Discipline and Planning and Permitting Group. She has over 12 years of experience with local, state and federal permitting processes, wetland science and environmental research, and she is adept at the preparation and oversight of complex reports and permitting documentation. Stacy is also a member of her local Conservation Commission, provides project peer review services for various Conservation Commissions in Massachusetts, and is active in various state wetland organizations, as well as the international Society of Wetland Scientists. Stacy is currently acting as the Professional Wetland Scientist for the Rivers End Salt Marsh Creation and Soil Remediation project on the Acushnet River in New Bedford.

SPEAKERS

Greg Berman, Coastal Processes Specialist

Woods Hole Sea Grant

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Gregory A. Berman, PG, GISP is a coastal processes specialist for Woods Hole Sea Grant (WHSG) and the Cape Cod Cooperative Extension (CCCE) where he provides technical assistance on coastal geology topics: shoreline change, erosion control alternatives, potential effects of various human activities on coastal landforms, coastal flood plains, coastal hazards, hazard mitigation analyses, and dune restoration techniques. On-site visits typically address site-specific coastal processes/hazards, which are followed with unbiased, written technical alternatives analyses. He joined WHSG and CCCE after five years with Science Applications International Corporation (SAIC) where he worked on a variety of government projects focusing on environmental assessments and shoreline stabilization. This was preceded by six years with United States Geological Survey (USGS) offices in Florida and Hawaii where he performed analysis of coastal geology, habitat, and hydrology. He has over twenty years of diverse experience with surveying, interpreting, and reporting on coastal geology. He has also regularly provided assistance in local coastal restoration projects organized by environmental non-profit organizations and worked with a wide spectrum of volunteers.

Daniel Gagne, P.E., Senior Civil Engineer
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Dan brings extensive civil engineering expertise with over 10 years of private sector experience in coastal design and permitting, project management and construction administration. He is a registered Professional Engineer and a member of the Rochester Conservation Commission. Dan is currently immersed in several coastal projects in The Town of Hingham, including construction management of the Whitney Wharf Pedestrian Bridge project, visual assessments and feasibility studies for Phase I of the Hingham Inner Harbor Coastal Resiliency Project, as well as several seawall projects for the Town.

Rebecca Haney, CFM, Coastal Geologist
Massachusetts Office of Coastal Zone Management
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Rebecca Haney is the coastal geologist and Certified Floodplain Manager with the Massachusetts Office of Coastal Zone Management. Her responsibilities include research and policy development for coastal hazards; providing technical assistance to coastal communities, other agencies, and the public on issues related to coastal geology, physical processes and techniques for mitigating impacts to coastal resources. She has Bachelors and Masters Degrees in Geology and has been with CZM over 22 years.

Seth Wilkinson, MALD, President & Restoration Ecologist
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Considered one of the regional experts and a frequent instructor in the field of bioengineering and ecological restoration, Seth Wilkinson has been a leader in hundreds of ecological restoration projects for land trusts, conservation commissions and private individuals in the last decade. Whether through the use of innovative equipment to manage invasive species or the inspired blending of bioengineering products with native plants, Seth and his team at Wilkinson Ecological Design continue to improve the practice and integrity of ecological restoration.

Glenn Wood, Esq., Partner
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Glenn Wood has an active practice associated with all areas of coastal permitting including both hard and soft coastal erosion projects. He represents clients on land use and environmental regulation with particular concentration in facility and project siting, enforcement defense and mitigation compliance, wetlands and coastal permitting, zoning and subdivision control, impact review and auditing, hazardous waste and real estate transactions, solid waste and health issues, regulatory takings, tax abatements, and environmental mediation. Glenn successfully manages a broad range of industrial, commercial, residential and municipal projects through local, state, and federal review processes. He represents private sector clients, municipal commissions and boards, and conservation organizations on issues related to land development, environmental permitting, and planning.