

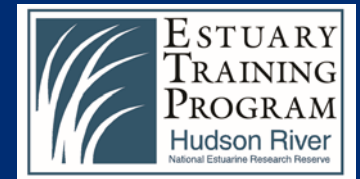
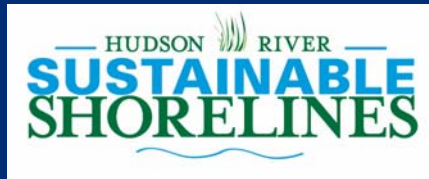


Department of  
Environmental  
Conservation

# Sustainable Shorelines Designs: from Long Island to Lake Erie Webinar Series

## Long Island Sound Sustainable Shorelines

Hudson River National Estuarine Research Reserve  
November 18, 2016



# Agenda

- 2:00 – 2:05** **Welcome, Objectives & Introductions**  
Emilie Hauser & Debi Corneau
- 2:05 – 2:15** **Setting the Stage**  
Emilie Hauser
- 2:15 – 2:30** **Living Shoreline Approaches on Long Island**  
Laura Schwanof, GEI Consultants
- 2:30 – 2:35** **Discussion, Questions, and Poll**
- 2:35 – 3:20** **Living Shorelines Project: Long Island Sound, Westport, CT**  
Mike Ludwig, COWI North America, Inc.
- 3:20 – 3:30** **Discussion and Questions**
- 3:30** **Adjournment and Survey**

## Guest Panelists



Laura Schwanof  
GEI Consultants, Inc.



Mike Ludwig  
COWI North America

## Host



Emilie Hauser  
Hudson River National  
Estuarine Research Reserve



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## Series Objectives

Participants will be aware of the range of options available to for nature-based shoreline designs and related tools and research.



Photo credits: GEI Consultants



GEI Consultants



COWI North America

## Series Dates

- **November 18 – Long Island Sound**
- **December 16** – Enhancing armored shoreline – techniques & prioritization inventory
- **January 20, 2017** – NYC Waterfront Alliance Collaboration on WEDG
- **February 17, 2017** – Niagara River and CT lakeshore
- **March 17, 2017** – Hudson River and CT coast

# Hudson River Sustainable Shorelines Project

Promoting choices that preserve or enhance ecology and shoreline benefits while meeting engineering needs in a changing climate.



[www.hrner.org/hudson-river-sustainable-shorelines/](http://www.hrner.org/hudson-river-sustainable-shorelines/)



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Environmental  
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Hudson River  
Valley Greenway



NATIONAL ESTUARINE  
RESEARCH RESERVE SYSTEM  
SCIENCE COLLABORATIVE



NYSDEC HUDSON RIVER NATIONAL ESTUARINE RESEARCH RESERVE

NORRIE POINT ENVIRONMENTAL CENTER

STAATSBURG, NY 12580

HRNERR.ORG



# Hudson River National Estuarine Research Reserve

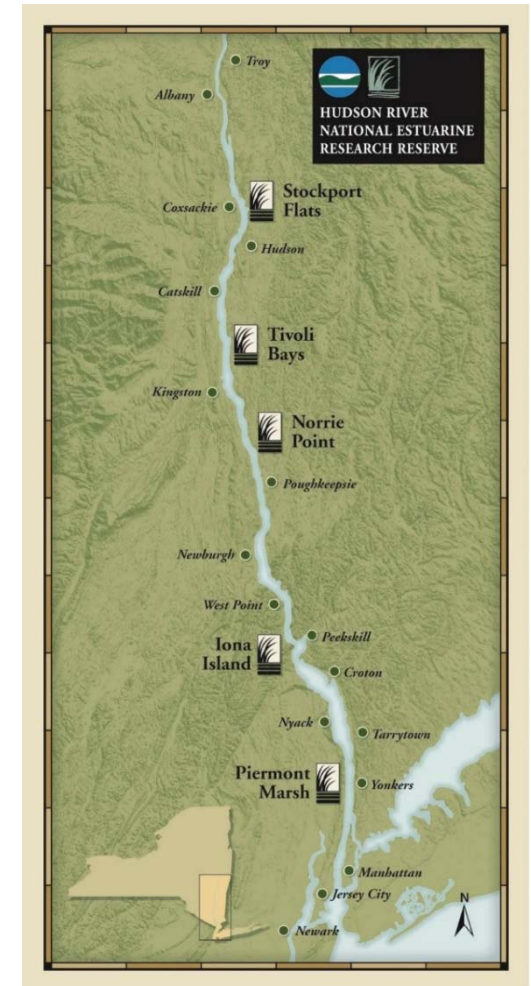
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Find out more at:

[www.dec.ny.gov/lands/4915.html](http://www.dec.ny.gov/lands/4915.html)

[www.hrnerr.org](http://www.hrnerr.org)

[www.hrnerr.org/udson-river-sustainable-shorelines/](http://www.hrnerr.org/udson-river-sustainable-shorelines/)



# Sustainable Shorelines

Nature-based

Living Shorelines

Ecologically Enhanced

Coastal Green Infrastructure

Grey to Green

Nontraditional

Soft Engineered

Hybrid Shoreline

Vegetated Stabilization

## Thanks for participating!

Emilie Hauser

Hudson River NERR

emilie.hauser@dec.ny.gov

Send group  
attendee list  
to Emilie.

If you want PDH credits please send the following information to

[emilie.hauser@dec.ny.gov](mailto:emilie.hauser@dec.ny.gov):

First name, Last name, Organization, Email

Title, City, State, Zip code

Click to add text

Please look for the  
evaluation. It will  
appear when you  
close the webinar.

Presentations and recording will be at:

<https://www.hrner.org/estuary-training/trainingtopic/sustainable-shorelines-designs-webinar-series/>

