



New York Marine Sciences Consortium

Protecting Our Coastal Environments: The Outlook for Green and Grey Solutions

SUNY Maritime College

October 24, 2015

8:30-9:10	Registration/coffee
9:10-9:30	Welcome and Introductions
Marie DeAngelis, Chair NYMSC: Introduction of SUNY Maritime College President	
President RADM Michael Alfultis: Words of welcome	
Marie DeAngelis: Introductory remarks	
9:30-10:30	Plenary speakers
Anthony Dvarskas, Stony Brook University: "Ecosystem services and green and grey infrastructure: the role of economic valuation"	
Jonathan Goldstick, CH2MHill, Inc.: "Valuing nature's role in urban coastal resilience: a Howard Beach, NY case study"	
10:30-10:50	Coffee break
10:50-11:50	Plenary speakers
Adam Parris, Director of Science and Resiliency Institute at Jamaica Bay: "Mapping resilience not risk: turning the tide in New York City and Jamaica Bay"	
Karen Chytalo, NYS DEC: "Challenges of Marine Habitat Protection Laws for Green Marine Infrastructure"	
11:50-1:00	Lunch/poster session
1:00-1:30	Breakout speakers

Philip Orton, Stevens Institute of Technology: “Contrasting surge barrier and nature-based adaptation impacts on Jamaica Bay flood hazards”

Jennifer Mattei, Sacred Heart University: “The stratford point model: green and gray solutions used to restore ecosystem function”

Jennifer Cherrier, Brooklyn College: “Hybrid green infrastructure: a natural solution for coastal water resource sustainability”

1:30-2:00

Breakout speakers

Lynn Bocamazo, US Army Corps of Engineers: “USACE coastal storm risk management and restoration in the greater New York region: gray through green”

John Headland, Headland Associates: “Quantification of resilience for coastal structures and nourished beaches”

Edgar Westerhof, Arcadis: “Grey or green-let’s get it off the screen! Adaptation strategies as drivers for sustainable developments”

2:00-3:00

Formal debate arguing green and grey infrastructure

Moderator: Malcolm Bowman, Stony Brook University
Lynn Bocamazo, US Army Corps of Engineers
Jennifer Cherrier, Brooklyn College
Karen Chytalo, NYS DEC
Jonathan Goldstick, CH2MHill, Inc,
Philip Orton, Stevens Institute of Technology

*3:00-3:30

Award ceremony for poster competition

*3:00-4:00

Tour of ship

*These two events will occur simultaneously