



SHORING UP

A science briefing on the potential of natural infrastructure to enhance the resilience of our nation's coasts

When Hurricane Sandy devastated the eastern seaboard in October 2012, we were reminded just how vulnerable our Nation's infrastructure and coastal communities could be. We were reminded of it again just last week, as South Carolina experienced historic flooding and unprecedented impacts on vital infrastructure, such as roads and municipal water supplies.

At this briefing, a panel of scientists explore how nature infrastructure can be used to enhance the protection and resilience of our coasts and coastal communities. The panelists will discuss frameworks for evaluating the costs and benefits of a natural infrastructure approach, including consideration of up-front costs versus long-term maintenance. A case study from the New York City area will serve as a starting point for discussion of the role and utility of natural infrastructure in other areas of the country such as the Gulf of Mexico, the west coast, and New England. A lively discussion moderated by *Science* Magazine's Deputy News Editor David Malakoff will follow to explore the nexus of science, policy and management.

PANELISTS

David Malakoff, *Deputy News Editor, Science Magazine* (Moderator)

Dr. Mary Ruckelshaus *Stanford University / The Natural Capital Project*

Dr. Todd S. Bridges, *United States Army Corps of Engineers, Engineer Research and Development Center*

Dr. Elizabeth Codner-Smith, *The Nature Conservancy*

Dr. Ariana Sutton-Grier, *University of Maryland/National Oceanic and Atmospheric Administration*

With special thanks to Senator Cory Booker and Senator Kirsten Gillibrand for making this briefing possible.

Please Join Us

October 20, 2015
12-1pm

Room: SVC 201

Lunch Provided

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For questions, comments, or concerns please contact Heather.Mannix@COMPASSonline.org or yseidgreen@ametsoc.org