



Green Infrastructure for Coastal Climate Resilience: Knowledge Gaps and Research Needs

Public Listening Session

Monday, December 8, 2014
11:45 AM – 12:45 PM

Moderators

Anne Kinsinger • Hannah Safford • David Yoskowitz

Motivation

- Green infrastructure: lots of interest and knowledge; not enough coordination and synthesis
- *Hurricane Sandy Rebuilding Strategy*, Recommendation #22:

“Develop a consistent approach to valuing the benefits of green approaches to infrastructure development and develop tools, data, and best practices to advance the broad integration of green infrastructure.”
- To help fulfill this recommendation, the Coastal Green Infrastructure and Ecosystem Services (CGIES) Task Force is developing a **Federal agenda for green infrastructure research**



CGIES Task Force — Organization

- Organized under the National Science and Technology Council (NSTC)
- Includes CEA, CEQ, DOD, DOI, EPA, FEMA, HUD, NOAA, NSC, NSF, OMB, OSTP, USACE, and USDA
- Co-chaired by NOAA and USGS



CGIES Task Force — Functions

- Focused on the role of green infrastructure in enhancing **coastal resilience to climate change**
 1. Review existing qualitative, quantitative, and monetized information on the integration of green infrastructure into coastal resilience strategies;
 2. Identify knowledge gaps, with an emphasis on gaps related to the quantification and valuation of benefits and tradeoffs associated with green infrastructure;
 3. Recommend Federal research and data-collection priorities to better inform the use of nature-based strategies in enhancing coastal resilience;
 4. Coordinate with and leverage other Federal efforts related to the recognition, quantification, and valuation of the benefits provided by green infrastructure, and to coastal climate resilience.



Purpose of listening session

- Seeking individual input on two areas:
 1. Knowledge gaps
 2. Research priorities

Send comments to **katya.wowk@noaa.gov**
NO LATER THAN Friday, December 19



Question 1:

Knowledge gaps

What are the major gaps in our knowledge of the role that green (natural and hybrid) infrastructure can play in enhancing coastal climate resilience?



Question 2:

Research priorities

What is the role of the Federal government in addressing knowledge gaps to advance the integration of green infrastructure into coastal climate resilience strategies?

Where can the Federal government collaborate with academic, private, and non-governmental partners??



Questions, comments, and feedback

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