



Department of the Interior
Northeast Climate Science Center
North Atlantic Landscape Conservation
Cooperative Steering Committee

April 6, 2016



DOI Northeast Climate Science Center



*Host



Consortium



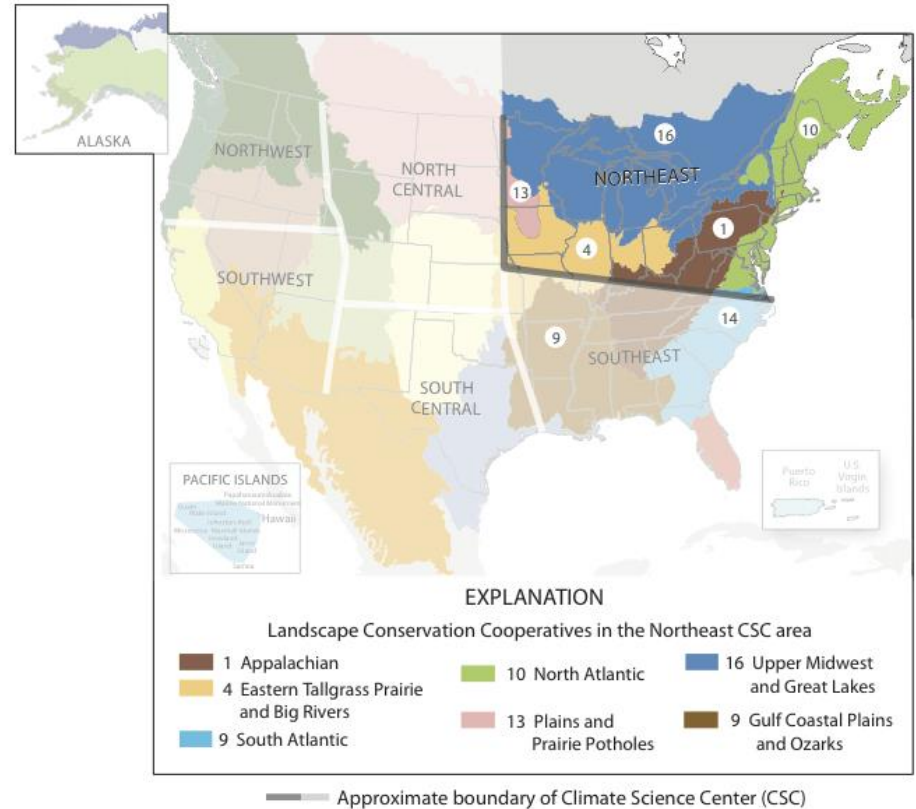
COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK



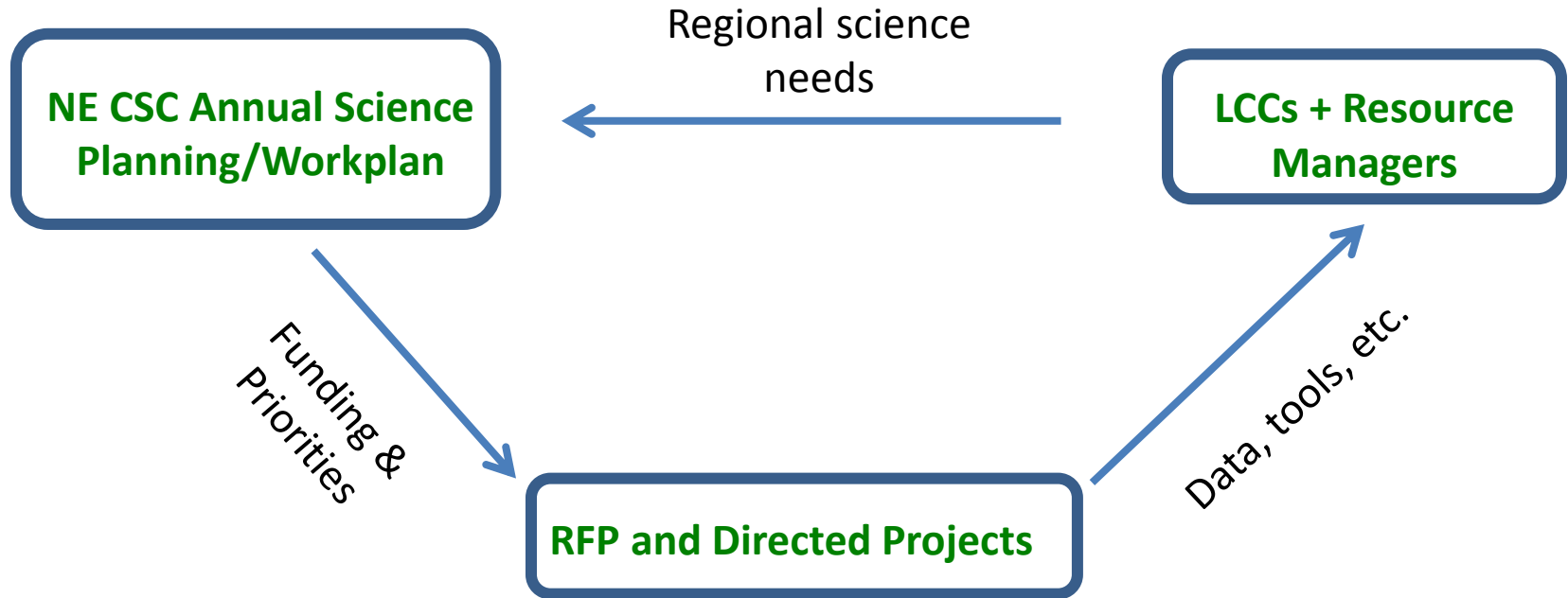
Stakeholder Advisory Committee



+ LCC Partners



NE CSC Strategic Science Plan



NE CSC Newsletter

NE CSC Northeast Climate Science Center

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NE CSC Newsletter

Monday, March 14, 2016

NE CSC NEWS:

Early Career Showcase Double Feature! The next NE CSC webinar on Wednesday, March 23 at 3:30pm EDT will feature two NE CSC Postdoctoral Fellows sharing their work as up-and-coming climate and natural resource scientists. Wen Wang from the University of Missouri will present "Forest Biomass and Species Distributions Under Climate Change in the Northeastern U.S. Accounting for Population Dynamics and Harvest Effects" followed by a talk by Dan Hocking of the USGS on "Climate Effects on Brook Trout Populations". Each talk will be about 20-25 minutes. [Read More >>](#)

Archived Videos of Two Recent NE CSC Webinars Are Now Available See the recording of "The Emerging Sustainable Landscapes Project: Riffing Landscape Conservation Design in the Connecticut River Watershed" webinar presented on February 10 by Bill Deluca of UMass, Amherst. Also available is "Forecasting Potential Climate Refugia to Guide Conservation of Montane Species" by Jane Foster of the University of Minnesota presented on February 24. [Read More >>](#)

New Ties Formed with the New England Aquarium NE CSC Science Coordinator, Michelle Staudinger, and USGS Director, Mary Ratanaswamy met with scientists at the New England Aquarium in Boston to discuss shared priorities for addressing climate change impacts on coastal and marine species of conservation concern. Discussions centered around science needs and potential collaborations to better understand climate-induced shifts in phenology, or the timing of recurring life events such as migration and reproduction, in marine fishes, invertebrates, marine mammals and

Join our Mailing List

Sign up here to receive our biweekly e-newsletter listing climate-related news and events throughout the Northeast!

Recent News

- Early Career Climate Forum Blog on Women in Science
- Long-term Projections of Forest Response to Climate Change
- Climate Change Impacts on Marine Species of Conservation Concern

[more news](#)

<http://necsc.umass.edu>



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The Northeast Climate Science Center provides scientific information, tools, and techniques that managers and other parties interested in land, water, wildlife and cultural resources can use to anticipate, monitor, and adapt to climate change in the Northeast region.

Most NE CSC Webinars

Apr 6 2016 - 3:30pm
"Patterns, Sources, and Consequences of Seasonal Timing Variations and Trends in the U.S."
Julia Behrengor, National Research Program, Great Hesson Area, Reston, VA
[more upcoming](#)

Recent Videos

EARLY CAREER SHOWCASE
[more videos](#)

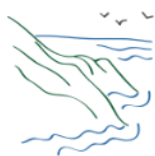
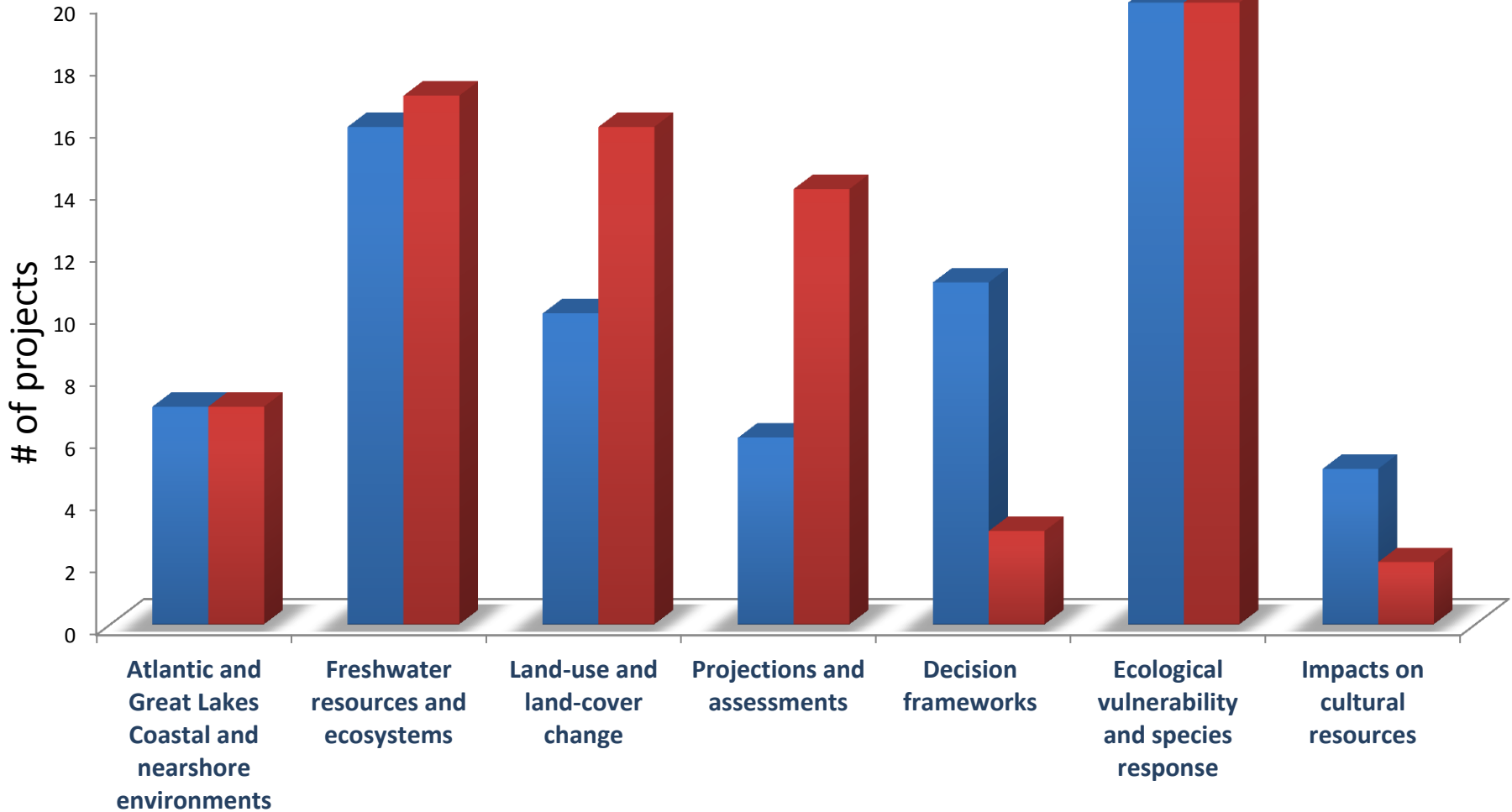
Fellows Retreat

The 2015 NE CSC Fellows Retreat was held September 22-25 in Irving, Wisconsin. Ten early Career and Postdoctoral Fellows gathered to share their research, develop collaborations, and learn from established scientists who have established strong working relationships.

[Read more](#)

Portfolio of Research

■ RFP Stakeholder Projects ■ Base-Funded Projects



LCC-CSC Collaborations: Projects and Progress

- **Designing Sustainable Landscapes (DSL)**
 - Assessing the capability of landscapes in the Northeast to provide guidance for strategic habitat conservation.
- **Critically Evaluating Existing Methods and Supporting a Standardization of Terrestrial and Wetland Habitat Classification and Mapping that Includes Characterization of Climate Sensitive Systems**
 - Review of existing habitat classification and mapping products in the Northeast region
- **Stream Temperature Mapping in the Northeast**
 - NorEaST web portal - maps and stores continuous stream temperature locations and data for New England, Mid Atlantic, and Great Lakes States

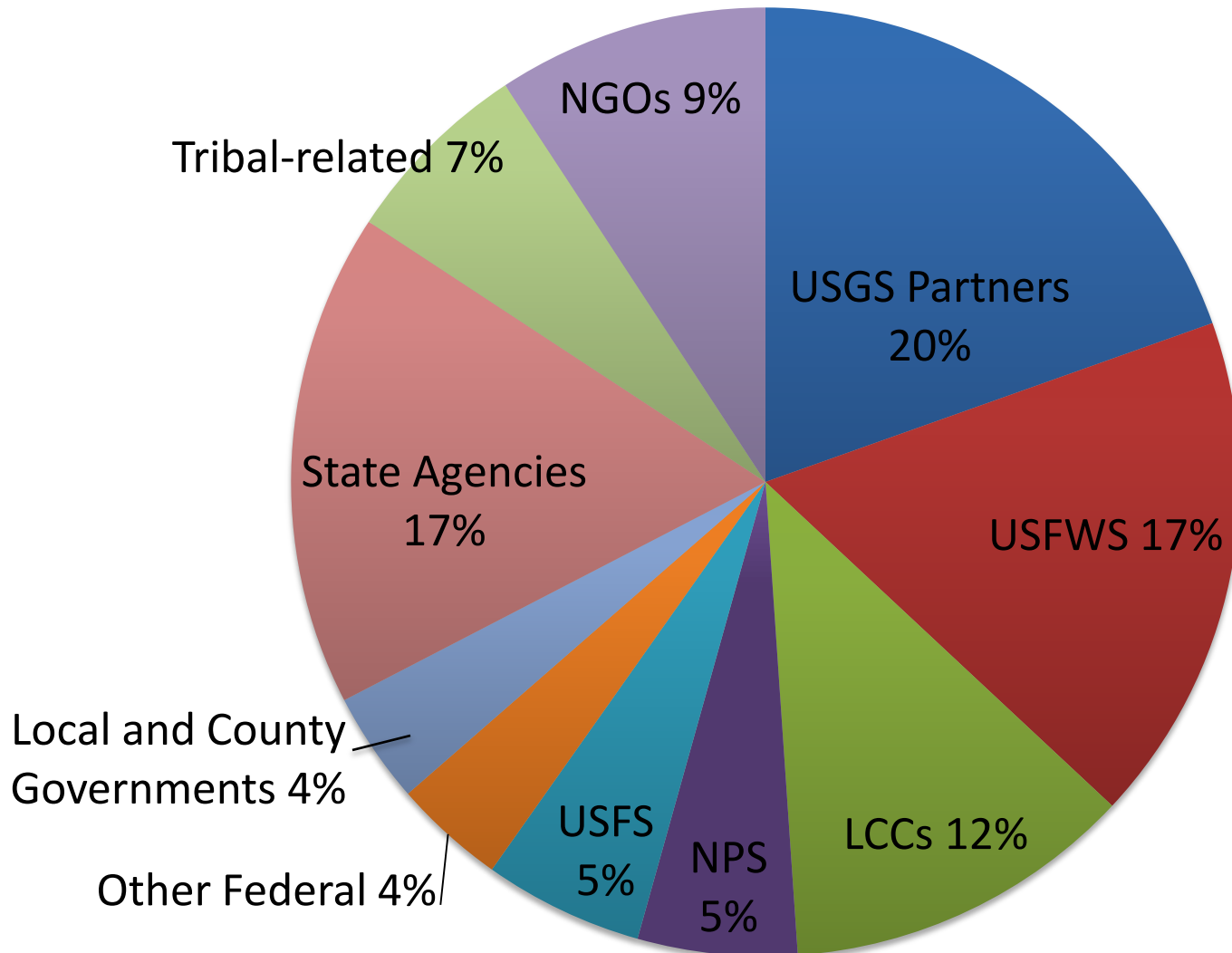


BONUS SLIDES

Partnerships

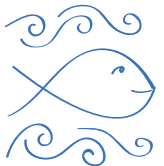
Relevance to stakeholders

% of projects that align with expressed stakeholder needs



NE CSC Science Themes

1. Climate change **projections** and **assessments**
2. Climate impacts on **land-use** and **land-cover**
3. Climate impacts on **freshwater** resources and ecosystems
4. Climate impacts on Atlantic and Great Lakes **coastal and nearshore** environments
5. **Ecosystem vulnerability** and **species** response to climate variability and change
6. Impacts of climate variability and change on **cultural resources**
7. **Decision frameworks** for evaluating risk and managing natural resources under climate change





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Fellows Retreat
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[Read more](#)

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Apr 6 2016 - 3:30pm
"Systems, Sources, and Consequences of Seasonal Timing Variations and Trends in the U.S."
John Beaman, National Research Program, Water Mission Area, Reston, VA
[more upcoming](#)

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