



# North Atlantic Landscape Conservation Cooperative

*Setting the Stage for Conservation Design and Delivery  
in the Northeast Region*

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North Atlantic  Landscape Conservation Cooperative



# LCC Fundamental Objective:

To define, design, and deliver landscapes that can sustain natural and cultural resources at levels desired by society.

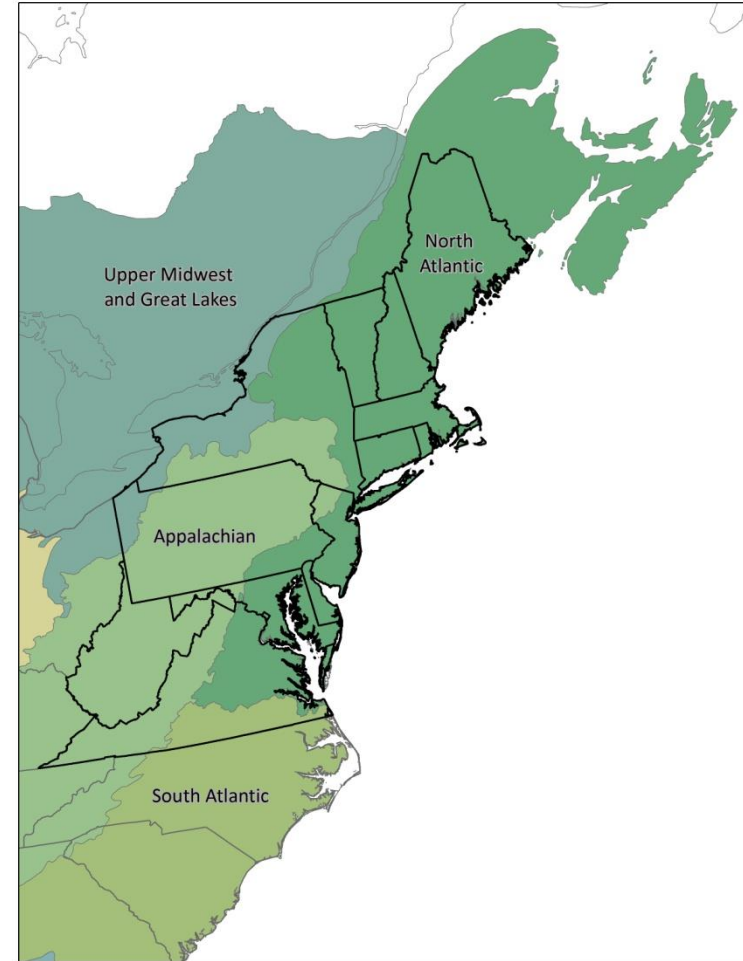


# North Atlantic LCC

**Mission:**

**What:** a partnership where the conservation community works together to address increasing land use pressures and resource threats amplified by a rapidly changing climate

**How:** by jointly developing and delivering scientific information and tools needed to prioritize and guide more effective conservation actions towards common goals



# ROLE: LANDSCAPE CONSERVATION COOPERATIVE

- facilitate planning at a scale and scope beyond the reach or resources of any one organization
- leverage funding, staff, and resources
- agree on common goals
- develop tools and strategies to inform landscape-level management decisions and link science to management
- provide a forum for exchange between partners.



# Role: Partners

- ❑ define and share their individual landscape-level priorities
- ❑ help shape a common landscape level conservation framework, targets, priorities, and science and conservation tools needed across the region by multiple partners
- ❑ use the tools developed, such as maps of priority areas to aid in their implementation of conservation actions
- ❑ provide feedback to the LCC on the utility and effectiveness of LCC products and approaches



# North Atlantic LCC Partnership



## Steering Committee

- 33 Members (14 State, 1 Tribal, 8 Fed., 1 Canadian, 8 NGO, CSC)

## Technical Committees

- 43 members (7 State, 24 Fed., 1 Can., 8 NGO, 3 LCC) aquatic, terrestrial/wetland and coastal/marine sub-teams
- Multiple project oversight teams

## Science Delivery Team

- 30 members (8 State, 10 Fed., 9 NGO, 3 LCC)

## LCC Staff - (4 full time, 3 part time)

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# Major Challenge:

How do we organize our separate agencies, organizations and missions to collectively achieve the conservation outcomes that society wants and expects from us?



# What is a Conservation Framework?

- What are we trying to achieve?
- What are the steps necessary to get there?
- Who is going to do what?
- How will we know when we get there?

\*A framework helps to visualize, organize and prioritize the work to best contribute to the outcome





# Northeast Conservation Framework

**GOAL-SETTING**  
*Which species/habitats to conserve?  
At what levels?  
Who decides?*

**CONSERVATION DESIGN**  
*What should landscapes look like  
to conserve species at goal levels*

**BIOLOGICAL ASSESSMENT**  
*What do we know about the  
status of priority wildlife?*

**INFORMATION  
MANAGEMENT**  
*How will we manage the  
demand for and creation  
of data?*

**SCIENCE TRANSLATION**  
*How do we make science  
solutions useful?*

**PRIORITIES**  
*Which species and  
issues demand  
immediate attention?*

**CONSERVATION ADOPTION**  
*How do we get communities and  
landowners engaged in  
conservation?*

**MONITORING, EVALUATION AND  
RESEARCH**  
*What new information will we  
gather to support  
conservation?*

**CONSERVATION DELIVERY**  
*How will we most efficiently put  
conservation on the ground?*

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# Most importantly-

- The framework represents a direction and a willingness of the partners to collectively and intentionally work in an organized fashion towards a larger landscape conservation vision



# Northeast Conservation Framework Workshop Results

## Overall priorities

- Expedited delivery of the right actions in the right places (focus areas, landscape design)
- Effective information management
- Communications, dissemination and adoption

# LCC Science Projects

- Over 20 completed or ongoing science projects providing foundational data, assessments and decision support for terrestrial, aquatic and coastal systems
- <http://www.northatlanticlcc.org/projects>

**North Atlantic Landscape Conservation Cooperative**

Search Site  Search  
 only in current section

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Companion Sites  **LOG IN**

You are here: Home > Projects

**Projects**

This area describes conservation science projects sponsored by the North Atlantic LCC, and other regional partners, that contribute regional-scale scientific information to aid decision makers who are working to sustain natural and cultural resources, including fish and wildlife populations.

Each year, the North Atlantic LCC invests in conservation science projects to help the LCC partnership define, design, and deliver sustainable landscapes in the face of major regional conservation threats, including climate change and habitat loss. Projects are selected in a collaborative process that involves input from partners on the highest priority science needs that should be addressed. Requests for Proposals to address science needs will be prominently announced on the LCC website and elsewhere (most recently in July 2012).

**Search Projects**

Type in keywords or refine your search using the categories below

**Focused Project Search**

**ECOSYSTEM TYPES**

- Land
- Freshwater
- Coastal
- Wetlands

**CONSERVATION TARGETS**

- Amphibians and reptiles
- Birds
- Fish
- Invertebrates
- Mammals
- Plants
- Ecosystems

**FEATURED PROJECTS**

**Revisions to the Northeastern Aquatic Habitat Classification**

This project will update the 2008 Northeastern Aquatic Habitat Classification (NAHCS) prepared by The Nature Conservancy and the Northeast Association of Fish and Wildlife Agencies (NEAFWA). The updates will add a tidal component to the classification of streams and rivers and a mapped classification of lakes.

1 2 3 4 5

**Search Results**

Sort by:  Alphabetical  Most recent  Oldest first  NALCC-funded

**Application of the Coastal and Marine Ecological Classification Standards (CMECS) to the Northeast**

This project will utilize the national Coastal and Marine Ecological Classification Standard (CMECS) to classify estuarine and marine environments in the northwest Atlantic region (Maine to Virginia).

Completion Date  
December 2013

**Climate Change Vulnerability Index for Northeast species**

NatureServe and State Heritage Programs collaborators have developed a Climate Change Vulnerability Index (CCVI) to provide a rapid, scientifically defensible assessment of species' vulnerability to climate change. This project will apply the CCVI

Completion Date  
June 30, 2013

# Summary: Where LCC is

- LCC has developed the partnership and capacity to achieve its mission
- LCC and partners have supported projects consistent with the northeast conservation framework and LCC strategic plan
- Projects are at the stage where information and tools are available
- Information is being made available through information management systems
- We are working on the best ways to deliver the information through Science Delivery

# Where LCC is Going

- Continued strategic investments in science development
- Science Delivery at scales and in formats needed
- Putting the information and tools together for effectively prioritizing decisions including:

## Landscape Conservation Design

- Collaborative process for agreeing on goals and developing common landscape conservation designs to achieve those goals
- How much of what conservation actions are needed where to sustain natural and cultural resources across the region and landscapes within the region?

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