



North Atlantic Landscape Conservation Cooperative

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



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.

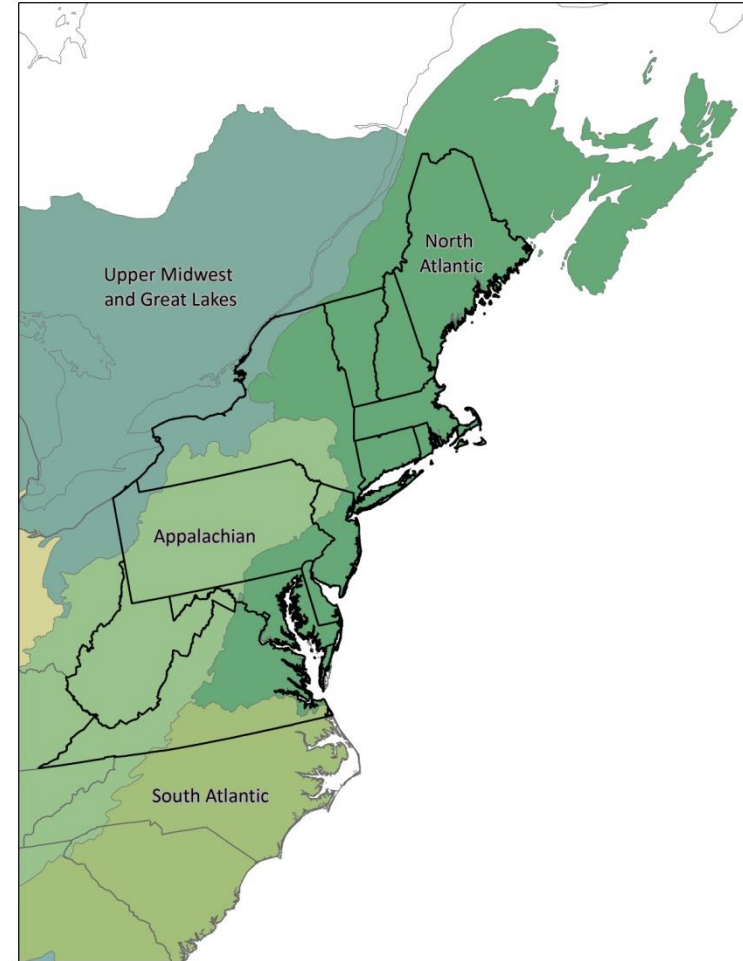


North Atlantic LCC

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 the 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 is the NA LCC?

- **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 NA 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?

Why landscape-level conservation?

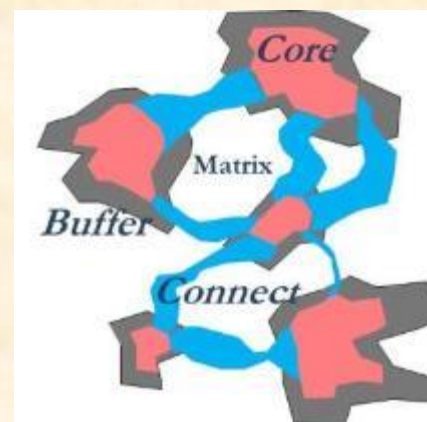
An **interconnected, resilient network** of lands and waterways has many benefits for society:

- Fish and wildlife populations
- Clean water
- Flood and erosion control
- Storm protection
- Forest and farm products
- Recreation and tourism
- Quality of life
- Employment

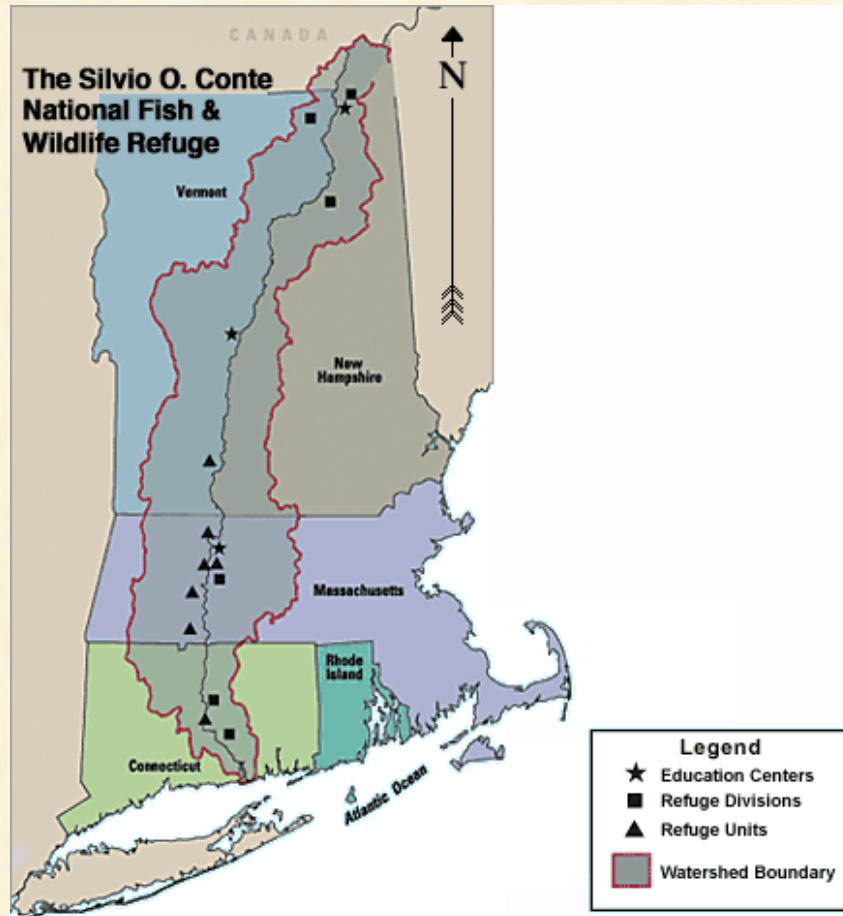


What is “Landscape Conservation Design?”

- A planning process
 - a collaborative effort among partners, which includes agreeing on common priorities, after considering best science and information available
- A product
 - a spatial plan for conservation decisions in an adaptive framework



Why the Connecticut River Watershed?



Objectives for the Connecticut River Conservation Design?

1. Collaboratively prioritize places and identify strategies and actions necessary to conserve ecosystems, and the fish, wildlife, and plants they support, into the future
2. Deliver information, maps and tools with options to prioritize at scales and in formats needed by partners
3. Establish a process for conducting landscape conservation design that can be applied and adopted elsewhere in the Northeast

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