

Conservation in Transition

"Like the resource it seeks to protect, wildlife conservation must be dynamic, changing as conditions change, seeking always to become more effective"



Rachel Carson



Conservation in Transition

- Unprecedented scale, pace and complexity of resource management challenges
 - Habitat loss, fragmentation and degradation
 - Invasive species
 - Contaminants
 - Hydrologic impacts
- Accelerated climate change is magnifying impacts on water and land resources, agriculture and biological diversity

U.S. Fish & Wildlife Service Conserving the Nature of America





The North Atlantic Landscape Conservation Cooperative

- 12 states + D.C.
- 4 Canadian provinces
- Multiple partnerships
- 17% of U.S. population
- · Large latitude gradient
- Diverse land use
- Diverse systems/habitats
 - Marine
 - Coastal
 - Estuarine
 - Riverine
 - Forests
 - Agriculture
 - Mountains



Landscape Conservation Cooperatives in the Northeast Region





North Atlantic LCC - Mission

The North Atlantic Landscape Conservation Cooperative provides a partnership in which the private, state, tribal and federal conservation community works together to address increasing land use pressures and widespread resource threats and uncertainties amplified by a rapidly changing climate.



North Atlantic LCC - Mission

The partners and partnerships in the cooperative address regional threats and uncertainties by agreeing on common goals for land, water, fish, wildlife, plant and cultural resources and jointly developing the scientific information and tools needed to achieve those goals.



North Atlantic LCC - Mission

What are we doing to help deliver regional science to the local land conservation community?



North Atlantic LCC - Mission

- •Providing governance for a diverse partnership
- •Funding projects to create new data
- •Assembling and managing information
- •Translating information to useful scales and formats



North Atlantic LCC - Mission

- •Assessing needs and organizing around a common framework for planning
- •Website and data portal development
- •Showcase projects

•Developing a funding program for Science Delivery mechanisms







www.northatlanticlcc.org



North Atlantic Landscape Conservation Cooperative















SHOWCASE of a NALCC PROJECT:

Providing Science and Tools in Support of the North Atlantic LCC: Designing Sustainable Landscapes for Wildlife

















Developing a funding program for Science Delivery mechanisms...



Regional Information to Support Community Planning

- Priority areas are primarily on private land
- Effective conservation depends upon communities
- Information must be at the scale and in the format needed by community planners, land trusts and regional initiatives





Regional Information to Support Conservation Planning

Questions

- When is information useful?
- What information do you need?
- What is missing at the local level in order to make implementation happen?



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