



North Atlantic LCC Conservation Science Strategic Plan

Andrew Milliken

North Atlantic Landscape Conservation Coordinator

North Atlantic LCC Steering Committee Meeting
Virginia Beach, Virginia
November 2, 2011



North Atlantic LCC Conservation Science Strategic Plan

Sources

- Mission, Vision, Components and Strategies
- Science Needs Assessment Results
- Workshop Results
 - Framework
 - Specific Strategies for Framework Elements

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. The partners and partnerships in the cooperative address these 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 prioritize and guide more effective conservation actions by partners toward those goals.



North Atlantic LCC

Components of Mission

- Ecological Planning
- Conservation Design
- Demonstration Projects (Conservation Adoption and Delivery)
- Monitoring and Evaluation
- Research
- Information Management
- *Communication and Outreach*
- *Coordination and Organization*

North Atlantic LCC

Science Needs Assessment

- Request for Science Needs (Jan. 5- Feb. 25)
- 207 needs submitted

Needs by component

- Monitoring - 34
- Ecological Planning - 39
- Conservation Design - 68
- Research - 46
- Demonstration Project - 5
- Information Management - 15

North Atlantic LCC

Science Needs Assessment

- Request for Science Needs (Jan. 5- Feb. 25)
- 207 needs submitted

Needs by system

- Coastal- 73
- Terrestrial- 97
- Aquatic- 37

North Atlantic LCC Needs Review Process

- Criteria for Prioritizing Needs for LCC
 - Foundational needs for landscape conservation
 - Address major threats and uncertainties to sustaining natural or cultural resources
 - Landscape or regional in scale
 - Can be applied to multiple species
 - Will inform conservation decisions and actions
 - Priorities for existing partnerships

North Atlantic LCC Needs Review Results

- 17 top common science needs
 - 3 aquatic, 4 coastal, 6 terrestrial, 4 multiple
- 4 top information management needs
- Linked to about 80 more specific needs and projects

Northeast Regional Conservation Framework Workshop

“Albany II”



June 14-16, 2011
Crowne Plaza Hotel, Albany, New York

Hosted by
Northeast Association of Fish & Wildlife Agencies
North Atlantic Landscape Conservation Cooperative



Northeast Conservation Framework



GOAL-SETTING

Which species/habitats to conserve, when, how much, and who will work on it?

BIOLOGICAL ASSESSMENT

What do we know about the status of priority wildlife?

CONSERVATION DESIGN

Where are the best places to conserve the most species and habitats?

PRIORITIES/TRIAGE

Which issues demand immediate attention?

INFORMATION MANAGEMENT

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

SCIENCE TRANSLATION

How do we maximize the utility of science?

MONITORING, EVALUATION AND RESEARCH

What new information will we gather to support conservation?

CONSERVATION ADOPTION

How do we get the right people in the right places to adopt prescribed conservation actions?

ACTION DELIVERY

How will we most efficiently put conservation on the ground?

Workshop Results (6a &b)



- Agreement on framework
- Review of completed and ongoing work
- Identification of 94 additional needs
- 32 high priority needs
- Communications, dissemination and adoption
- Effective information management system
- Expedited delivery of the right actions in the right places (landscape design)

North Atlantic LCC Conservation Science Strategic Plan

- Background
- Components
- Framework
- Strategies and Actions
- Process and Criteria for Prioritizing
- Dynamic Matrix of Actions, Projects, Needs, Next Steps, Responsibility (Table 1)

North Atlantic LCC

Conservation Science Strategic Plan

- Draft August 5
- Discussion Steering Comm. Call August 11
- Incorporated Comments received by Oct. (7b)
- Technical Committee discussion October 24
- Recommendation for approval with minor edits
- Final Draft to Steering Committee (7a)
- **Requesting Approval of Plan**
- **Also approval of edits to mission statement**
- **Next steps**