





North Atlantic LCC 2013 Conservation Science Needs

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Northeast GOAL-SETTING Which species/habitats to conserve? Conservation At what levels? Who decides? Framework **CONSERVATION DESIGN BIOLOGICAL ASSESSMENT** What should landscapes look like What do we know about the to conserve species at goal levels status of priority wildlife? **INFORMATION** MANAGEMENT SCIENCE TRANSLATION PRIORITIES Which species and How do we make science How will we manage the issues demand solutions useful? demand for and creation immediate attention? of data? MONITORING, EVALUATION AND **CONSERVATION ADOPTION** RESEARCH What new information will we How do we get communities and landowners engaged in gather to support conservation? conservation? **CONSERVATION DELIVERY** How will we most efficiently put conservation on the ground? North Atlantic ³/₄ Landscape Conservation Cooperative 3

Overview on Identifying Science Needs

- Handout 8 annual calendar
- Draws from:
 - Conservation Science Strategic Plan
 - Northeast Conservation Framework
 - National LCC benchmarks
 - Prior science needs and projects
 - Partner input

NALCC Technical Committee

- Aquatic Subgroup 12
- Coastal & Marine Subgroup 15
- Terrestrial & Wetlands Subgroup 16

 5 state agencies, 5 U.S. federal agencies, 5 NGOs, 1 Canadian agency

2013 Process

- Similar to 2012 process
- January to April: Technical Committee review of science needs
- March 19-20 "virtual" meeting
- Discussions and input included:
 - Regional bird and fish habitat partnerships
 - Neighboring LCCs, Climate Science Center
 - Current LCC project investigators
 - USFWS Region 5 Conservation Science Team
- Not a "blanket call" for science needs

2013 Results and Recommendations

<u>Themes:</u>

- Useful to partners / relevant to decisions
- Build upon & contribute to current work
- Complement current work
- Handout 12a summary table
- Handout 12b detailed descriptions

Aquatic Science Needs

- Fish and other biological data
- Stream connectivity and barriers
- Stream flow and temperature



Terrestrial / Freshwater Wetland Science Needs

- Vernal pools
- Migratory bird stopover habitat
- Forest structure and condition
- Terrestrial species data





Coastal and Marine Science Needs

- Tidal marsh habitat suitability
- Wetland restoration projects for resilience
- Natural systems response to Hurricane Sandy





Thanks to the Technical Committee and many others for their contributions



North Atlantic Landscape Conservation Cooperative

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