







Information and Tools for Conservation Planning and Design at Multiple Scales in the Northeast Region

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Cooperative

Regional Conservation Partnership Gathering



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North Atlantic Landscape Conservation Cooperative

The Art of Making Science User Friendly

- •Describing complex analyses and providing easy access to results
- Teaching people how to use science for effective conservation
- Building networks of informed partners
- Demonstrating real applications



Northeast Conservation **Framework**

GOAL-SETTING

Which species/habitats to conserve? At what levels? Who decides?

BIOLOGICAL ASSESSMENT

What do we know about the status of priority wildlife?

PRIORITIES

Which species and issues demand immediate attention?

MONITORING, EVALUATION AND

RESEARCH

What new information will we gather to support conservation?

MANAGEMENT

INFORMATION

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

SCIENCE TRANSLATIO

How do we make science solutions useful?

CONSERVATION DESIGN What should landscapes look

like to conserve species at goal

levels

CONSERVATION ADOPTION

How do we get communities and landowners engaged in conservation?

CONSERVATION DELIVERY

How will we most efficiently put conservation on the ground?

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Northeast Conservation Framework

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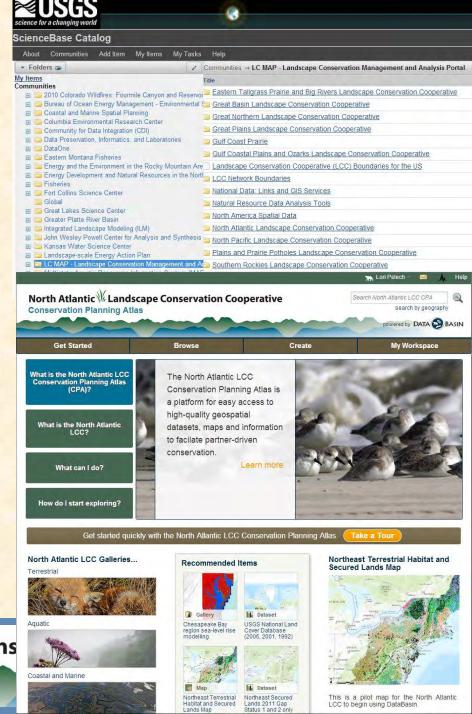
How do we get communities and landowners engaged in applying conservation science?

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Information Access

- Provide adaptable modes of access to data
- NALCC Website
- Databasin

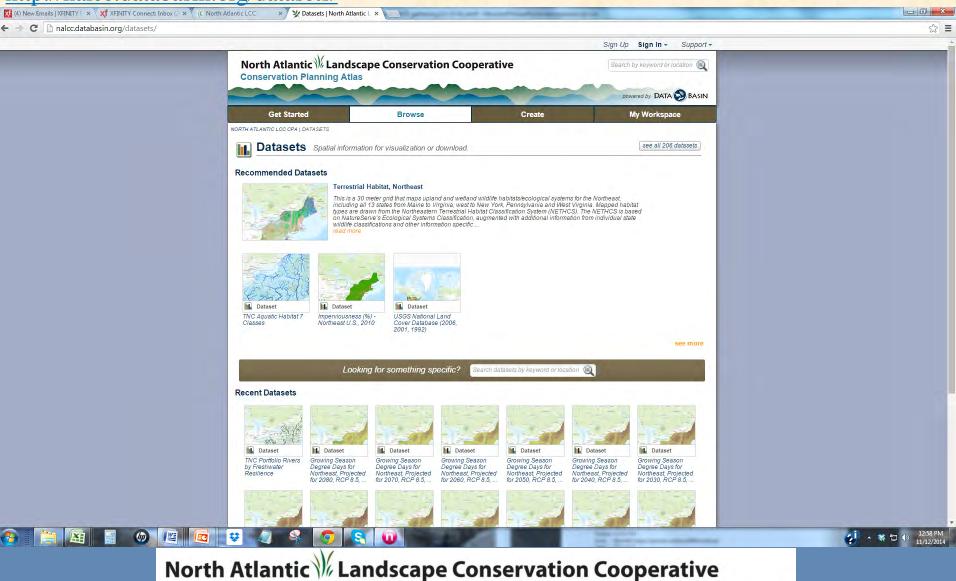




The NALCC Conservation Planning Atlas on Databasin:

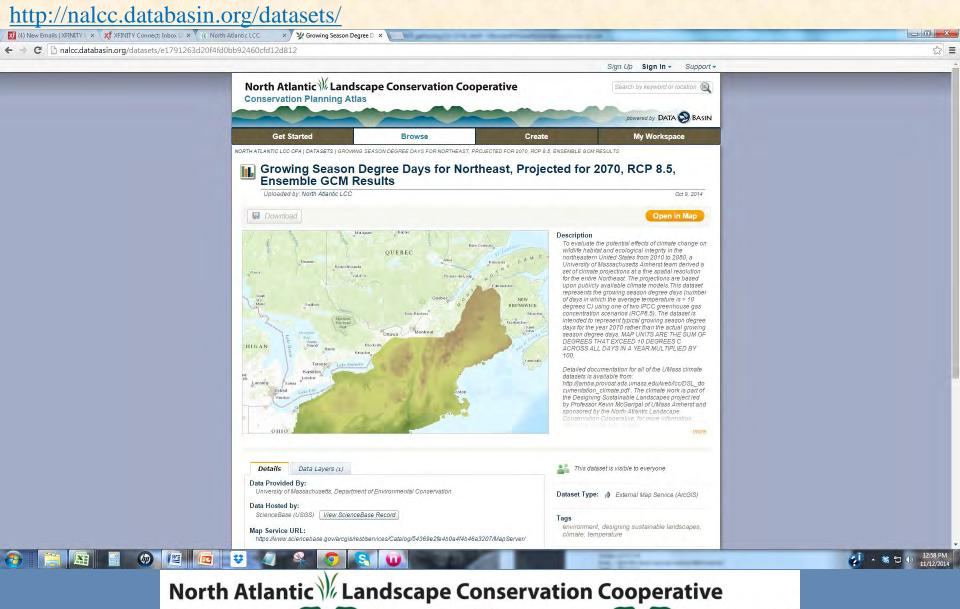
An archive of spatial data layers

http://nalcc.databasin.org/datasets/



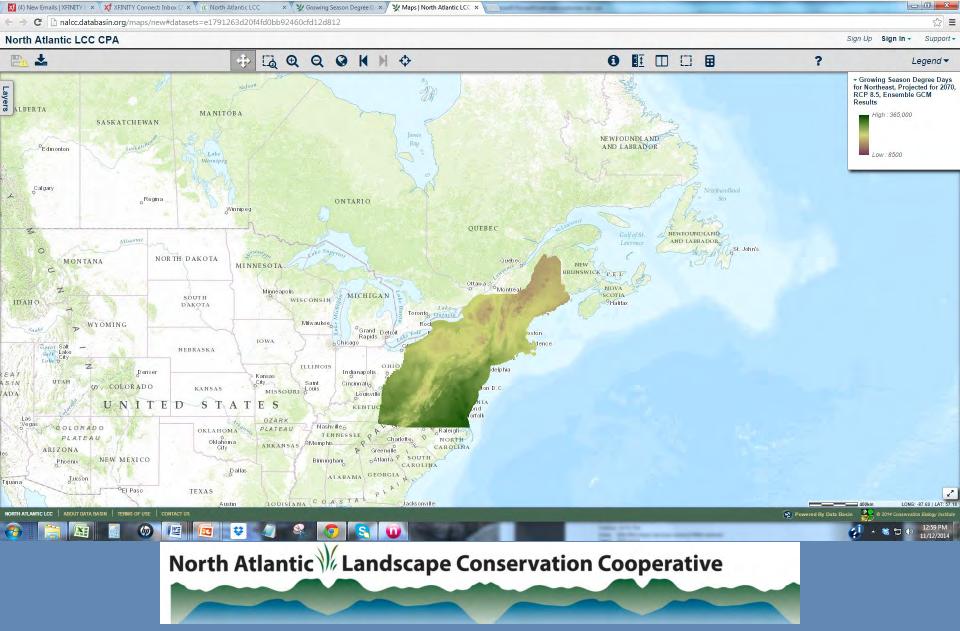
The NALCC Conservation Planning Atlas on Databasin:

Detailed description and documentation are available for each data layer



The NALCC Conservation Planning Atlas on Databasin: GIS files may be viewed or downloaded

http://nalcc.databasin.org/datasets/



Training

- Utilize training workshops to increase adoption of science
- Training provided to SWAP planners and GIS users



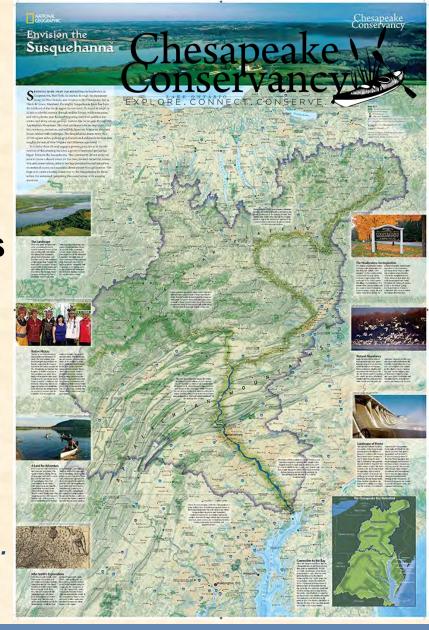
Partner Networks

- Utilize partner networks to increase the reach of landscape conservation science
- Highstead Foundation
 - delivering, and communicating science products to help advance strategic conservation in 40 regional conservation partnerships (RCPs) in New England.



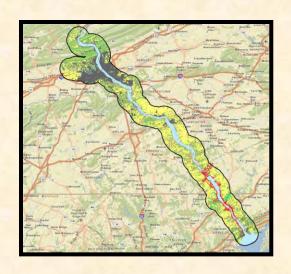
Demonstration Projects

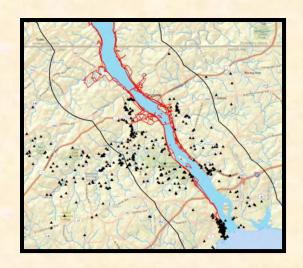
- Partners promote the use and adoption of landscape science by demonstrating applications
- Chesapeake Conservancy
 - using the LCC science products to prioritize locations to best address regional conservation needs along with needs identified by communities as part of their large landscape conservation effort, Envision the Susquehanna.

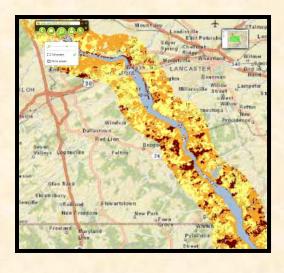


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Chesapeake Conservancy FERC Analysis:







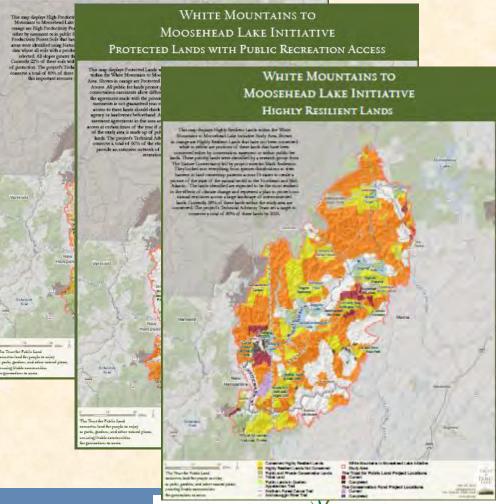
Northeast
Terrestrial Habitat
Classification

Historic and
Cultural Features

Interactive Parcel Analysis

White Moose Plan Sets Parcel Priorities and Metrics

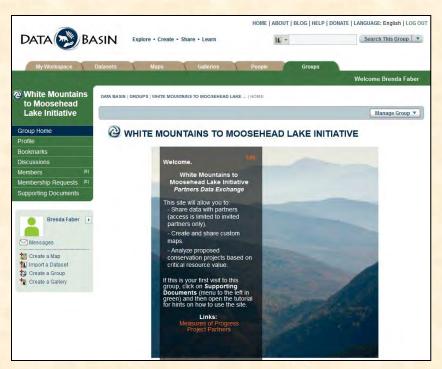
White Mountains to Moosehead Lake Initiative High Productivity Forest Soils

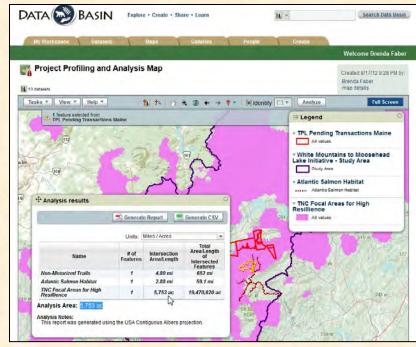


White Moose Objectives:

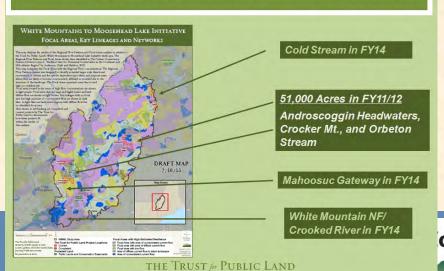
- Promote Climate Resilience
- Increase Opportunities for Outdoor Recreation
- Preserve Working Forests

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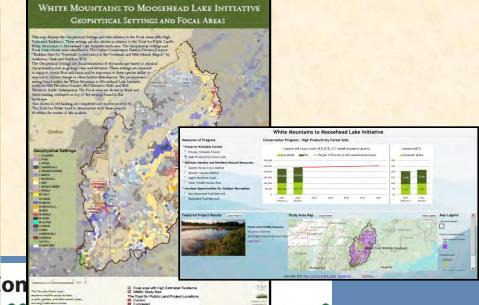








CONSERVING LAND FOR PEOPLE

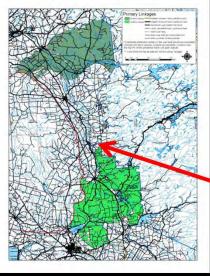


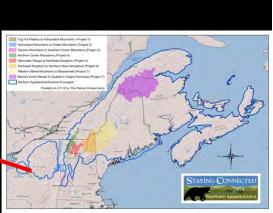


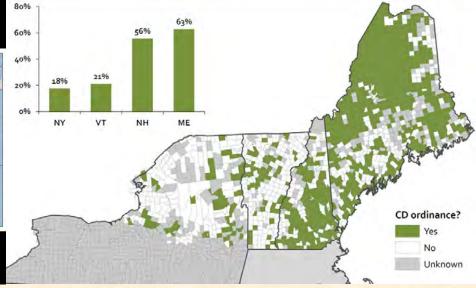
Prioritizing where we work

Conservation Development Ordinances:

Rate of adoption varies by state







Science Delivery Process

Conservation development for actual conservation outcomes

Target Communities

 -land use regulation review within priority conservation areas

Adoption/Deployment of Tools

 Local decision makers change the way they operate to facilitate conservation

Outreach to Key Partners

-identify key actors/players at state and local level including, NGOS State Wildlife Action Plan personnel, land-use decision makers

Learning Network

 translate science to key players, make it accessible to them through variety of inperson and social media tools, promote broad understanding of concepts, maps, and regulatory language

Opportunities

What steps are needed for success?

- Identify communities with highest potential for success
- Coordinate regional & local players
- Develop learning network

Thanks. For More Information:

- North Atlantic LCC: http://northatlanticlcc.org/
- Cons. Planning Atlas: http://nalcc.databasin.org/

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