NALCC Science Delivery

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The Wildlife
Management Institute

North Atlantic Landscape Conservation Cooperative

Need 1: Science Delivery Program Development and Capacity	Who/ How	Capacity/ Grant
1.0 All scales: **Maintain a team, staff capacity and contracts sufficient to develop and implement a program of science delivery** employing translation, technical assistance, training, targeted outreach, and demonstration projects to ensure the delivery and adoption of landscape conservation science.	LCC staff, trained technical assistance partners	Capacity and contracts
1.1 All scales: **Translate science and data to meet user needs and provide technical assistance on landscape conservation science** including training (training the trainers), workshops, and facilitated application of tools. This activity is part technical and part interactive, involving custom GIS, data summary, and synthesis of science results to meet the needs of and learn from specific audiences and applications.	LCC staff, trained partners	Capacity and contracts
1.2 Regional and Sub-regional: **Conduct workshops with users to provide information and get feedback** on the most effective way to integrate information and to provide training on tools.	LCC staff, partners, facilitators	Capacity and contracts

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Need 1 (continued): Science Delivery Program Development and Capacity		Who/ How	Capacity/ Grant
1.3	All Scales: **Actively seek input from species partnerships and conservation initiatives** and provide them with data, maps, and other regionally-consistent spatial information that meet their needs.	LCC staff, science project PIs	Capacity
1.4	All Scales: **Develop or enhance networks of people to deliver science** to address specific resource questions, needs, and audiences such as land use, fisheries, species mgmt, forestry, water resources. Identify state and NGO partners already working with those audiences, and identify key adopters and strategies for adoption.	LCC staff	Capacity
1.5	Regional: **Conduct outreach on the availability of information**, including instructions on how to access and use available information.	LCC staff with partners	Capacity

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Need 2: Science Delivery Partner Support Grants and Demonstration Projects	Who/ How	Capacity/ Grant
2.0	All Scales: **Provide grants to encourage partners/partnerships to use, test, or develop applications of data/tools** and train others in their geographic areas via demonstration projects or other applied uses of landscape science. Specific examples include ongoing demonstration projects. Next steps should demonstrate application of latest information and tools. Additional applications could include the demonstration of applying tools to conserve cultural resources and a pilot to demonstrate applications for environmental review and other permit applications for Army Corps, EPA, and other regulators.	Partners	Grants
2.1	State/local: **Identify and support state, NGO, university and federal partners already working with local communities**. Provide grants to partners to provide technical assistance to key audiences including land trusts, communities, states, and local agencies.	Partners	Grants
2.2	**Develop or enhance networks of people to deliver science to address specific resource questions** or needs including land use, fisheries, species management, forestry, and water resources.	Partners	Grants

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2014 Science Delivery Grants

Project Name	Grantee	Summary and recent developments	Cost
Envision the Susquehanna: Incorporating landscape science into large landscape conservation	Chesapeake Conservancy	Completed NALCC workshop and delivered key informant interviews and carried out analyses to identify areas that have a high overlap of historic, natural, and cultural values. Researchers at Bucknell have completed 58 interviews with community leaders through the Susquehanna region. A report on initial findings is forthcoming.	$100,000
Enhanced stewardship of priority habitats and species on private lands using NALCC science across four Northeastern states	Wildlife Conservation Society	Completed NALCC workshop and developed an initial selection of datasets to focus habitat protection efforts, which may include SWAPs for NY, VT, NH, and ME, and various land protection efforts in the Adirondacks. Meetings to integrate data in partner planning efforts have begun, including assistance to NYSDEC on use of DataBasin.	$99,965
Science to practice: a science delivery program for regional conservation partnerships in New England	Highstead Foundation	Completed NALCC workshop and delivered CT River workshop on NALCC science products to more than 30 conservation practitioners participating in CT Regional Conservation Partnerships (RCP). RCP gathering has been scheduled to include several Science delivery events in November; 2 more events are scheduled for 2015.	$20,000
Catalyzing land trust capacity for data and science integration	Open Space Institute (OSI)	Completed NALCC workshop and delivered workshop at Land Trust Rally. An advisory team has been identified and is scheduled to meet in November to begin development of land trust guidance documents.	$100,000

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2012 Demonstration Projects

Project Name	Grantee	Summary and recent developments	Cost
Integrating Science into Policy: Local Adaptation for Marsh Migration	Maine Department of Inland Fisheries and Wildlife	Project initiation was delayed, but project is now delivering GIS tools to Maine towns and conservation partners with a stake in sea level rise and marsh migration. The project team has presented information at more than 20 public meetings, community forums and statewide meetings. Additionally, a day-long workshop to build awareness among the conservation community was held in April. Project partners are now working to develop outreach materials and to complete case studies.	$20,000
Landscape scale conservation efforts in the Appalachian Forests	National Wildlife Federation	Project objectives have been modified under new leadership. Outreach was provided to via 3 workshops in New Hampshire and Vermont.	$20,000
White Mountain to Moosehead Lake Initiative	Trust for Public Lands	Project complete. Grantee used NALCC science to prioritize parcels in the planning area, created a data portal on Data Basin, and engaged partners to utilize tools to advance conservation.	$20,000

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Table of Highest Ranking 2015 Science Delivery Needs

Topic	Rank*	Relevance to Conservation Decisions	Status and Relation to Other Work	Potential Project Type	LCC Funding
Improved user-interface for Data Basin	100	Enable users to locate science relevant to decisions and perform simple investigations.	Will make all data intuitively accessible and engage users to assess functionality.	Contract vendor to gather input, develop new interface, prescribe and/or test next steps for web tools, provide updates on available data.	$ 75,000
Initial knowledge transfer	93	First users of products need informative media/events in order to translate science to decisions.	Info staff gets from scientists needs to be processed and "taught" to users via quality media.	Contract assistance to support NALCC staff delivering science: writers, graphics, surveys and evaluations, media, facilitation for training, assistance coordinating workshops.	$ 150,000
Facilitation of multi-scale planning	68	Large watersheds & states need help applying NALCC conservation design tools to ongoing planning across scales.	Guide integration of work in CT River, Susquehanna, Chesapeake with RCOAs and SWAPs.	Contract capacity to facilitate delivery of results and lessons across scales. Products need to be integrated with land use/municipal assistance networks.	$ 50,000
Focused science applications for terrestrial/ aquatic/coastal systems	81/63/ 31	Results from science investments need further work to be applied to specific problems relevant to specific decisions.	Products require processing & input on specific applications, then training.	Grant RFP will identify specific datasets, products, and decisions within terrestrial/aquatic/coastal systems and request development and/or training on applications for users.	$ 100,000
Technical assistance provider grants	47	Technical assistance needs to be multiplied beyond staff in order to reach decision-makers.	Providers need training, support, and media from NALCC staff.	Contract staff or provide small grants to partner organizations to build lasting "on demand" technical assistance capacity.	$ 100,000
Coordination of conservation networks	47	Existing networks have specific decision problems that can be supported through delivery of NALCC science.	Existing networks can be leveraged to expand delivery beyond NALCC staff.	RFP Small grants to partner organizations to dedicate coordinating capacity to application of NALCC science products via their networks.	$ 100,000

*The rank is based on quantile rescaling of poll results, with 25 respondents, and where the need that received the most votes (21) is assigned a score of 100.

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