

Handout 7b North Atlantic LCC Next Steps and Projects from Draft LCC Science Strategic Plan, August 2011 (**actions for Steering Committee in bold**)

LCC Component	Strategy	Potential Next Steps	Responsibility	Additional LCC Funding	Status	Cost estimate
Ecological Planning	Strategy 1: Develop and maintain lists of priority species	•Make compiled lists available online	LCC staff can post on website	No	LCC Staff	NA
	Strategy 2: Identify representative species	•Send out report to LCC Technical Committee; post online •Additional work on selecting aquatic species	USFWS with partners	TBD	Assessing next step	NA
	Strategy 3: Compile and develop population objectives	•Support compilation of SWAP objectives as part of SWAP database;	Joint effort of LCC and NEAFWA?	TBD	Contract?	
		•Develop process for developing or refining goals	Joint effort of LCC and NEAFWA?	TBD		
	Strategy 4: Compile info. on limiting factors	• Continue initial efforts on representative species modeling; •RCN support for addressing SGCN data gaps	Initial modeling efforts through UMass and UVM; SGCN work through NEAFWA RCN	Yes	Agreement being modified	\$50k
	Strategy 5: Conduct vulnerability assessments	• Continue joint RCN/LCC vulnerability assessment project of Manomet and NatureServe	LCC, NEAFWA, Manomet, NatureServe	Yes	Incorporate NatureServe Proposal	\$70k
		• Support NEPARC PARCA and vulnerability assessment project	LCC, NEPARC	Yes	NEPARC Proposal	\$80k
		•Additional support for brook trout and other cold water vulnerability assessments incorporating EBTJV needs	USGS Science Center support, Coordination with ongoing projects and EBTJV	USGS	USGS projects selected	USGS \$170k
		• Assess current state of sea level rise data and tools for predicting impacts to coastal habitats; determine gaps and needs.	LCC working with NOAA, NPS, USGS, EPA, and state CZMs	TBD	LCC staff contact with agencies; contract or workshop	unknown
	Strategy 6: Develop and apply models	•Complete ongoing terrestrial, aquatic and coastal projects	LCC	No		
• Support Adaptive Management Framework for American Black Duck		LCC, BDJV	TBD	Proposal from BDJV	\$40k	
Strategy 7: Determine immediate priorities (triage)	•Assess LCC and RCN role on as needed basis	LCC, NEAFWA	No			
Conservation Design	Strategy 1: Assess decision support needs	•Ensure that all projects have links and input from conservation decision-makers.	LCC	No		
	Strategy 2: Develop regional, consistent, spatial databases	• RCN or LCC support for marine mapping	NEAFWA, LCC	Yes or RCN	RCN proposal	\$100k

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		•Consider expansions of consistent data layers into Canada	LCC with Canadian partners	TBD	Discuss with TNC and Canada	TBD
		•Work with North Atlantic Marine Bird Cooperative to assess priorities	LCC, USFWS, ACJV	TBD	Proposal from ACJV	unknown
		•Work with ACJV on proposal for Managed Lands database	LCC, ACJV	TBD		
		•Ensure incorporation of information from National Conservation Easement Database into Northeast Secure Lands Database (TNC)	LCC, TNC	No		
		•Assess needs for consistent data layers on stream temperature and hydrology	LCC, USGS	TBD	Assessment	unknown
	Strategy 3: Assess the existing habitat capacity	•Complete first phase of representative species-habitat modeling including distribution maps; •Consider more detailed status assessments of habitats based on results of RCN Conservation Status Report	LCC, NEAFWA	No		
	Strategy 4: Determine habitat objectives	•Complete first phase of representative species-habitat modeling	LCC	No		
	Strategy 5: Predict landscape change and future capacity	•Complete first phase of three LCC landscape change projects; •Identify additional needs for Climate Science Center	LCC, CSC	No		
	Strategy 6: Develop decision-support tools	•Complete first phase of three LCC landscape change projects; •Involve user groups in ongoing or completed projects	LCC, NEAFWA	No	Develop User Groups	
	Strategy 7: Assess protected and managed lands	•Consider additional forest condition analysis	LCC	TBD	Assessment	
	Strategy 8: Develop landscape designs	•Consider submitted RCN projects (grassland birds, black rail, permeable landscapes)	NEAFWA RCN for grassland birds and rail; possibly LCC for permeable landscapes	TBD	RCN proposals	
		•Consider supporting RCN project on permeable landscapes	LCC, TNC	TBD	RCN Proposal	\$50k
		•Support for PARCA project NE-PARC	LCC, NE-PARC	Yes	Proposal being developed	
		•Consider focus area, green infrastructure synthesis of existing projects	LCC	TBD	Develop scope and contract	

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		•Complete Phase I of LCC Sustainable Landscapes Project to develop landscape designs in three pilot watersheds	LCC, UMass	No		
	Strategy 9: Test conservation design approaches	•Complete Phase I of three LCC projects in pilot areas and consider expansion to rest of LCC	LCC, UMass	No		
Demonstration Projects	Strategy 1: Provide products of biological planning and conservation design	•Consider project to support BMPs for herpetofauna	LCC or NEAFWA	TBD		
		•Support better distribution and translation of RCN products	NEAFWA RCN	No		
	Strategy 2: Host forums for conservation delivery partners	•Work with states to develop a strategy for delivering results to partners.	NEAFWA	TBD	Discuss with NEAFWA	
	Strategy 3: Implement demonstration projects	•RCN support for SGCN implementation strategies	NEAFWA RCN	No		
		•Articulate LCC role in supporting demonstration projects	LCC	TBD	Articulate role	
		•Support Adaptive Management Framework for American Black Duck	LCC, BDJV	TBD	BDJV Proposal	\$40K
Monitoring	Strategy 1: Coordinate existing population surveys	•Host coordination meeting with LCC, NWRS and NPS I&M programs	LCC	No		
	Strategy 2: Identify and support unmet priority monitoring needs	•Further define this RCN (no projects were identified through RFP)	NEAFWA RCN	No		
		•Explore role in invasive species monitoring through detail by invasive species expert	LCC	TBD		
		•Identify monitoring needs for selected representative species	USFWS, LCC	No		
	Strategy 3: Coordinate closely with NPS and NWRS I&M Programs	•Host coordination meeting with LCC, NWRS and NPS I&M programs	LCC	No		
	Strategy 4: Develop habitat monitoring objectives and assess net change	•Explore options for assessing contemporary land-cover change	LCC, USGS, EPA	TBD	Assessment	
	Strategy 5: Develop metrics for measuring success of conservation actions	•NEAFWA RCN Support for implementation of the NE Regional Monitoring and Performance Reporting Framework	NEAFWA	No		
Strategy 6: Compile results from existing accomplishment tracking databases	•Compile recent SWG results	NEAFWA, USFWS	No			
Research	Strategy 1: Identify and prioritize applied research needs	•Modify existing or develop new online research needs tracking database	LCC, USFWS	TBD		

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	Strategy 2: Coordinate funding for priority applied research projects	•Establish process for exchange of information on emerging research needs among federal and state agency research funding programs		No		
	Strategy 3: Work with the Northeast Climate Science Center (CSC) to identify annual research priorities	•Establish close working relationship with new Northeast CSC; build CSC needs assessment into annual LCC needs assessment process	LCC, USGS	No		
Information Management	Strategy 1: Conduct an information needs assessment	• Develop a technical team and work with contractor to conduct a Northeast information needs assessment	LCC, NEAFWA, USFWS	Yes	Developing scope, contacting vendors	\$50k
	Strategy 2: Design and develop database/portal	• Based on results of Northeast information needs assessment, design and pilot a northeast database/portal system	LCC, NEAFWA, USFWS	Yes	needs assessment phase	\$100k
	Strategy 3: Develop and maintain new specific databases	• Work with ACJV on proposal for managed lands database;	LCC, ACJV	TBD	Comp. SWG Proposal?	
		• S upport development of SWAP database pilot	NEAFWA, LCC	TBD	Discuss with NEAFWA	\$70k (RCN project)