



News from the North Atlantic Landscape Conservation Cooperative (LCC) October 2017

How the “Frankenstorm” catalyzed new science for a stronger coast

On October 29, 2012, Hurricane Sandy made landfall in Atlantic City, N.J., destroying homes, devastating communities, and changing lives. In response, people across the region, including scientists, mobilized to help coastal residents, communities, and habitats recover and move forward. Their mission was to figure out how to strengthen our natural defenses to destructive storms that are becoming increasingly common.

[Learn more](#)

New report provides regional perspective on the conservation status of plants

In response to a need for better information about the location and status of rare and endemic plant species in the North Atlantic region, a team of botanists led by NatureServe conducted a broad-scale conservation assessment for vascular plants that occur from Virginia to Maritime Canada. The resulting report provides a prioritized list of rare, highly threatened, declining, or sensitive plant species identified for conservation action that can inform initiatives to protect ecological systems from the ground up.

[Learn more](#)

What’s the risk of failure? Assessing road-stream crossings based on transportation vulnerability and ecological disruption

View a recording of the *Science Seminar* presented by University of Massachusetts Amherst Extension Associate Professor Scott Jackson on an innovative project in the Deerfield River watershed to assess and prioritize road-stream crossings based on transportation vulnerability and ecological disruption -- information that can be used to inform crossing upgrades or replacements. Find the link to the recording under the heading “Additional Resources” on the North Atlantic Aquatic Connectivity Project product page.

[Learn more](#)

Other News of Note

Report outlines governance changes needed to address sea-level rise risks in tri-state area (RPA)

Five years after Hurricane Sandy made landfall on the coasts of New Jersey, New York, and Connecticut, the Regional Plan Association has released a report identifying the major challenges the tri-state region still faces to prepare for future storms: 59 percent of the region’s energy capacity, four major airports, 21 percent of public housing and 12 percent of hospital beds are in flood-risk areas.

[Learn more](#)

Fish passage milestone passed ahead of schedule in Chesapeake Bay (Chesapeake Progress)

A progress report released by Chesapeake Progress shows 1,126 new miles of stream were opened to fish passage in the watershed between 2012 and 2016, surpassing the 1,000-mile goal partners had planned to achieve by 2025.

[Learn more](#)

Hollywood’s spotlight can have real-life conservation impact (TWS)

In new paper published in the journal *Conservation Biology*, researchers show that because cinema can influence awareness and behaviors within non-specialist audiences, movies can play an important positive or negative role in biodiversity conservation by influencing behavioral change and putting social pressure on key stakeholders and policy makers.

[Learn more](#)

Upcoming Workshops, Meetings, Presentations, and Webinars

November 7, 12:00 to 1:00 pm (EST) -- Science Seminar: Prioritizing plants for conservation

Lead Botanist for NatureServe Anne Frances will share results from a new report that that can inform initiatives to protect ecological systems from the ground up by providing a prioritized list of rare, highly threatened, declining, or sensitive plant species identified for conservation action in the region.

[Learn more](#)

November 8, 3:30 - 4:30 p.m. (EST) -- Webinar: Implications of climate change for invasive species

In the next Northeast Climate Science Center webinar, University of Massachusetts Amherst Associate Professor of biogeography and spatial ecology Bethany Bradley will discuss the potential interactions between two global environmental phenomena: the spread of invasive species and climate change.

[Learn more](#)

November 8 & 9 -- Chesapeake Bay Program Habitat Goal Implementation Team (HGIT) Meeting, Virginia Beach, Va.

The team of county, state, and federal partners working to set habitat goals for priority resources in the Chesapeake Bay watershed will meet to discuss science, financing, and communication needs of workgroups, including learning about new tools available to advance goals for black duck: Nature's Network and the Black Duck Decision Support Tool.

[Learn more](#)

November 16 -- Regional Conservation Partnerships (RCP) Network Gathering, Nashua, N.H.

At this annual day-long conference hosted by Highstead Foundation, conservation professionals working across New England and New York can share experiences, explore innovative resources, hear success stories, and network with peers who are working in collaborative conservation at different scales to protect the diverse regional landscape.

[Learn more](#)

November 30 -- Massachusetts Ecosystem Climate Adaptation Network (MECAN) Conference, Westborough, Mass.

Join a new community of practice of climate adaptation practitioners and researchers who are working in Massachusetts for a one-day conference at the state Division of Fisheries & Wildlife Headquarters focusing on advancing meaningful action and communication around adaptation and hazard mitigation in the Commonwealth.

[Learn more](#)

Submission deadline for the next edition of North Atlantic LCC News: Friday November 24, 2017

Please email submissions to: bridget_macdonald@fws.gov

For more information about the North Atlantic LCC: www.northatlanticlcc.org