

# North Atlantic Landscape Conservation Cooperative

## Hurricane Sandy Coastal Resiliency Projects

Tidal Marsh Resilience



Aquatic Connectivity & Resilience



Beach Resilience



# Science Delivery

- Develop delivery networks for coastal resiliency information and tools to partners
  - RFP through NE Regional Ocean Council and Mid-Atlantic Ocean Council
  - Posting results on their ocean data portals/networks
- Dissemination of results, tools and maps through existing NA LCC channels

## [Coastal Resiliency Workspace](http://northatlanticlcc.org/groups/coastal-resiliency)

<http://northatlanticlcc.org/groups/coastal-resiliency>

- NA LCC Conservation Planning Atlas – Conservation Biology Institute (Kai Foster)



# Data Basin and ScienceBase : Web Mapping for the LCCs

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## Marsh Resilience Workshop

BJ Richardson

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Northeast Region (5) GIS Coordinator



R5 Science Applications GIS Coordinator

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- NALCC Conservation Planning Atlas (CPA)
- Central location for web mapping, basic analysis and data distribution for NALCC projects
- Basic summarization tools available
- Custom tools can be developed
- Integration with ScienceBase ongoing
  - Metadata
  - Analysis Tools against SB services
- Most data will be NE Region-wide

**North Atlantic Landscape Conservation Cooperative**  
Conservation Planning Atlas

Search by keyword or location  powered by DATA BASIN 

Get Started
Browse
Create
My Workspace

What is the North Atlantic LCC Conservation Planning Atlas (CPA)?


What is the North Atlantic LCC?

What can I do?

How do I start exploring?


The North Atlantic LCC Conservation Planning Atlas is a platform for easy access to high-quality geospatial datasets, maps and information to facilitate partner-driven conservation.


[Learn more](#)




Get started quickly with the North Atlantic LCC Conservation Planning Atlas Take a Tour


**North Atlantic LCC Galleries...**

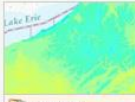
**Terrestrial**  



**Aquatic**  



**Coastal and Marine**  


**Recommended Items**

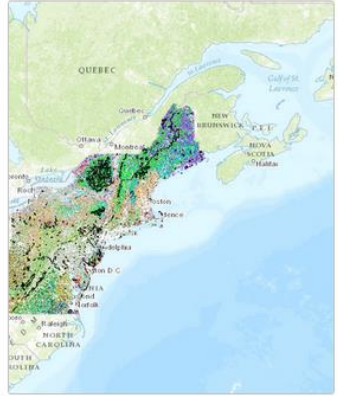
  
Dataset  
 Terrestrial Habitat, Northeast

  
Gallery  
 Climate

  
Dataset  
 TNC Aquatic Habitat 7 Classes

  
Dataset  
 Imperviousness (%) - Northeast U.S., 2010

**Northeast Terrestrial Habitat and Secured Lands Map**



A quick start map to get an overview of the land cover and currently secured lands in the Northeast U.S.

**Other Conservation Planning Atlases**


**South Atlantic LCC**

The South Atlantic LCC includes the Middle Atlantic Coastal Plain, Southern Coastal Plain, Southeastern Plains, the Piedmont, and the Blue Ridge.

**Southeast Region**

The Southeast Region encompasses the Gulf Coastal Plains & Ozarks, South Atlantic, Appalachian, Peninsular Florida, Gulf Coast Prairie, and Caribbean.

NORTH ATLANTIC LCC
ABOUT DATA BASIN
TERMS OF USE
CONTACT US

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# Data Basin (cont'd)

## ○ Data Basin supports:

- **Data sets** (locally and web services)
  - Public or private
- **Maps** – can be created, marked up, saved and shared
- **Galleries** – collections of data, maps, other galleries, and other documents
- **Guides and Case Studies** – summaries of research, models and results
- Personal **Workspaces** – contains above elements associated with accounts
- **Groups** – public or private



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Get Started

Browse

Create

My Work

NORTH ATLANTIC LCC CPA | GROUPS | CT RIVER PILOT | GROUP CONTENT

## CT River Pilot

Created by: North Atlantic LCC



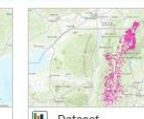
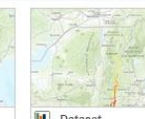
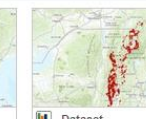










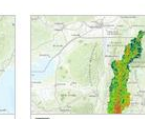
Sep 2, 2014 (Last m

Home **Content** Members Public Profile

Sort by: Default Display:

 Map Nov. 2014 Terrestrial Core Areas	 Map Aquatic Species	 Map Terrestrial-Wetland Species Core Areas	 Map Aquatic Review Map	 Map Terrestrial-Wetland Ecosystem Core Area Scenarios
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### Aquatic Data (16 items total)

 Dataset Hydrologic Unit Code 6	 Dataset Connecticut River Flow	 Dataset CTR scaled cores no downstream limited upstream size cutoffs	 Dataset Number of Species	 Dataset Brook Trout Cores	 Data CTR top 15% t without at cutoff
 Dataset Major Rivers	 Dataset Rivers	 Dataset CTR scaled cores without the downstream size cutoff	 Dataset CTR scaled cores with the usual extension cutoffs	 Dataset Unweighted top 15% lotic & top 10% lentic seeds - gradient buffer	 Data CTR/ cores-top top 10% l grid
 Dataset CT River HUC 8 Watersheds	 Dataset CTR/HUC8 scaled cores-top 15% lotic & top 10% lentic seeds	 Dataset All Aquatic Mask	 Dataset UMass IEI		

### Terrestrial Data (48 items total)

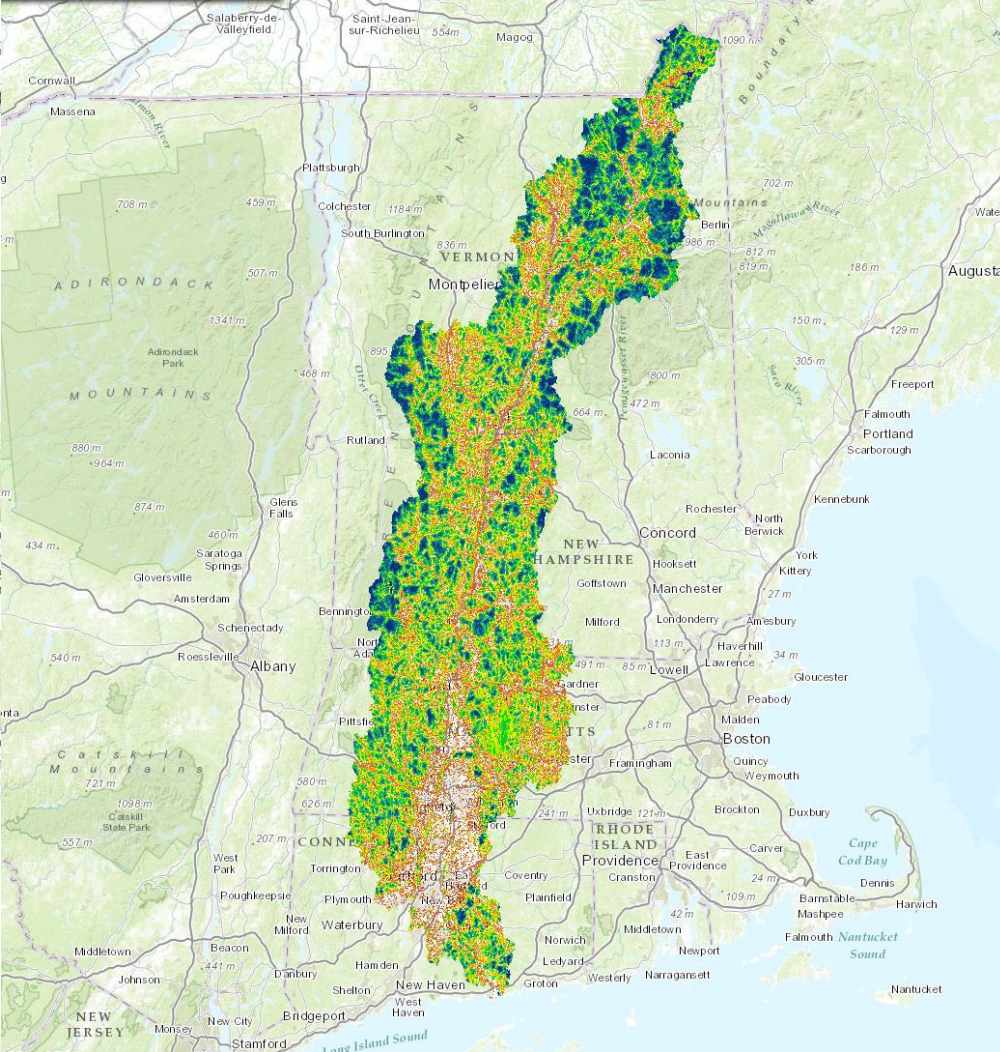
**Drawings**

**Datasets**

add datasets

Index of Ecological Integrity Scaled to the CT River Watershed

**Basemaps**





## Geospatial Service URLs

### [Remove ArcGIS Services](#)

- ArcGIS REST Service: <https://www.sciencebase.gov/arcgis/rest/services/Catalog/536a88c5e4b063fb73c12f8c/MapServer>
- ArcGIS WMS Service: <https://www.sciencebase.gov/arcgis/services/Catalog/536a88c5e4b063fb73c12f8c/MapServer/WMServer?request=GetCapabilities&service=WMS>
- ScienceBase WMS: <https://www.sciencebase.gov/catalogMaps/mapping/ows/536a88c5e4b063fb73c12f8c?service=wms&request=getCapabilities>  
Layers: footprint
- ScienceBase WFS: <https://www.sciencebase.gov/catalogMaps/mapping/ows/536a88c5e4b063fb73c12f8c?service=wfs&request=getCapabilities>  
Layers: footprint
- [Process feature with Geo Data Portal](#) (this item *must* be readable by the public)

capacity to support the species and 100 indicating optimal conditions for the species.

Publication Date: 2014-03-25

[Interactive Mapper](#) - [View in National Map Viewer](#) - [Open in Google Earth \(KML\)](#) - [Advanced Services](#)

### Provenance

**Data source:** Input directly

Bill DeLuca of UMass Amherst led the development of this dataset. Carly Chandler contributed to the Blackburnian Warbler habitat capability model that was incorporated into the dataset.

### Catalog Item:

*Created by:*  
renee\_vieira@fws.gov on  
Wed May 07 13:25:57 MDT  
2014

*Last Updated by:*  
renee\_vieira@fws.gov on  
Wed May 14 11:37:56 MDT  
2014

### Tags

