

AT A GLANCE

# Massachusetts Land Conservation Tools



Use this 'cheat sheet' to learn about information sources and tools available to inform land conservation (protection and stewardship) decisions in Massachusetts.

Please visit the **Land Conservation Tools** website for more details and help choosing the resource(s) best suited to your conservation work.

## PRODUCT EASE OF USE

Ease of Use considers the time, technology and local knowledge that is required to use a tool product. Look for these symbols to see how a tool may match your needs.

Easier  More advanced

## Adaptation Workbook

### SUMMARY

Identifies on-ground management actions addressing climate change

### DEVELOPERS



### FOREST CONSERVATION GOALS

- Climate adaptation
- Forest productivity

### PRODUCT

Report

### GEOGRAPHIC SCOPE

Northeast



### NOTES

Requires site-based knowledge of your project area

[adaptationworkbook.org](http://adaptationworkbook.org)

## BioMap2

### SUMMARY

Blueprint for strategic biodiversity conservation

### DEVELOPERS



The Nature Conservancy

### FOREST CONSERVATION GOALS

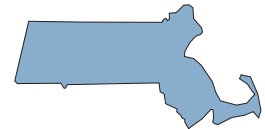
- Rare species & communities
- Landscape-scale

### PRODUCTS

Interactive map  
 GIS data

### GEOGRAPHIC SCOPE

Massachusetts



### NOTES

Based on rare species, exemplary communities, and landscape-scale modeling

[mass.gov/service-details/biomap2](http://mass.gov/service-details/biomap2)

## DSL (Designing Sustainable Landscapes)

### SUMMARY

Landscape-scale modeling to inform strategic habitat conservation

### DEVELOPERS

UMassAmherst

### FOREST CONSERVATION GOALS

- Landscape-scale

### PRODUCT

GIS data

### GEOGRAPHIC SCOPE

Northeast



### NOTES

DSL was used to create Nature's Network

[umasscaps.org/data\\_maps/dsl.html](http://umasscaps.org/data_maps/dsl.html)

## MAPPR (Mapping & Prioritizing Parcels for Resilience)

### SUMMARY

Decision-support tool identifying parcel-based conservation priorities

### DEVELOPERS



### FOREST CONSERVATION GOALS

- Rare species & communities
- Individual parcels

### PRODUCT

Interactive map

### GEOGRAPHIC SCOPE

Massachusetts



### NOTES

Uses data from BioMap2, DSL, and an early version of RCL

[massaudubon.org/mappr](http://massaudubon.org/mappr)

## MassCAPS (Massachusetts Conservation Assessment & Prioritization System)

### SUMMARY

Landscape-scale modeling to identify areas of high ecological integrity

### DEVELOPERS

UMassAmherst

### FOREST CONSERVATION GOALS

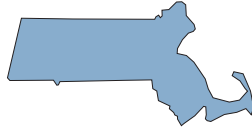
- Landscape-scale

### PRODUCTS

- Interactive map
- Static maps
- GIS data

### GEOGRAPHIC SCOPE

Massachusetts



### NOTES

CAPS is an integral part of DSL, and is used in BioMap2 and Nature's Network

[umasscaps.org](http://umasscaps.org)

## Massachusetts Climate Action Tool

### SUMMARY

Information on climate impacts, vulnerabilities, and adaptation actions

### DEVELOPERS

UMassAmherst



### FOREST CONSERVATION GOALS

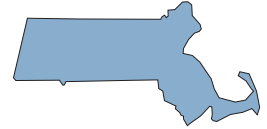
- Climate adaptation
- Wildlife habitat

### PRODUCTS

- Interactive maps
- Compiled resources

### GEOGRAPHIC SCOPE

Massachusetts



### NOTES

Synthesizes content from many information and data sources

[climateactiontool.org](http://climateactiontool.org)

## NELF Explorer (New England Landscape Futures)

### SUMMARY

Scenario mapping tool comparing potential future land uses

### DEVELOPERS



### FOREST CONSERVATION GOALS

- Landscape-scale

### PRODUCTS

- Interactive map
- GIS data

### GEOGRAPHIC SCOPE

New England



### NOTES

Based on recent trends, natural resource planning and socio-economic connectedness

[newenglandlandscapes.org](http://newenglandlandscapes.org)

## Nature's Network

### SUMMARY

Conservation design (plan) for strategic habitat conservation

### DEVELOPERS

Facilitated by



### FOREST CONSERVATION GOALS

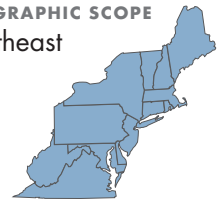
- Rare species & communities
- Landscape-scale

### PRODUCTS

- Interactive map
- GIS data

### GEOGRAPHIC SCOPE

Northeast



### NOTES

Uses landscape-scale and species modelling (DSL & RCL) and occurrences of rare communities

[naturesnetwork.org](http://naturesnetwork.org)

## Resilient & Connected Landscapes

### SUMMARY

Landscape-scale modeling of resilient interconnected areas and climate corridors

### DEVELOPERS



### FOREST CONSERVATION GOALS

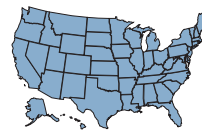
- Climate adaptation
- Landscape-scale

### PRODUCTS

- Report via an Interactive map
- GIS data

### GEOGRAPHIC SCOPE

United States



### NOTES

Focuses on conditions likely to support high levels of biodiversity now and in the future.

[maps.tnc.org/resilientland](http://maps.tnc.org/resilientland)

### PRODUCT EASE OF USE

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UMassAmherst  
Center for Agriculture, Food, and the Environment



This resource was created by UMass Amherst Extension and was made possible through funding from the Renewable Resources Extension Act. Contact us at [conservation@umass.edu](mailto:conservation@umass.edu)