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
NIACS Northern Institute of Applied Climate Science

FOREST CONSERVATION GOALS
- Climate adaptation
- Forest productivity

PRODUCT
■ Report

GEOGRAPHIC SCOPE
Northeast

NOTES
Requires site-based knowledge of your project area

adaptationworkbook.org

BioMap2

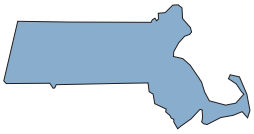
SUMMARY
Blueprint for strategic biodiversity conservation

DEVELOPERS
Massachusetts Division of Fisheries & Wildlife; 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

DSL (Designing Sustainable Landscapes)

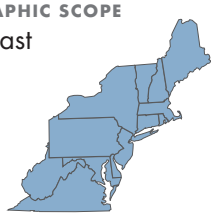
SUMMARY
Landscape-scale modeling to inform strategic habitat conservation

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

MAPPR (Mapping & Prioritizing Parcels for Resilience)

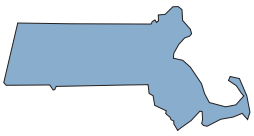
SUMMARY
Decision-support tool identifying parcel-based conservation priorities

DEVELOPERS
Mass Audubon
Protecting the Nature of Massachusetts

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

MassCAPS (Massachusetts Conservation Assessment & Prioritization System)

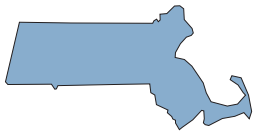
SUMMARY
Landscape-scale modeling to identify areas of high ecological integrity

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

Massachusetts Climate Action Tool

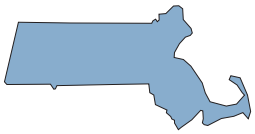
SUMMARY
Information on climate impacts, vulnerabilities, and adaptation actions

DEVELOPERS
UMassAmherst
NECASC Northeast Climate Adaptation Science Center

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

NELF Explorer (New England Landscape Futures)

SUMMARY
Scenario mapping tool comparing potential future land uses

DEVELOPERS
Harvard Forest

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

Nature's Network

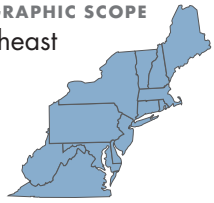
SUMMARY
Conservation design (plan) for strategic habitat conservation

DEVELOPERS
Facilitated by U.S. Fish & Wildlife Service

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

Resilient & Connected Landscapes

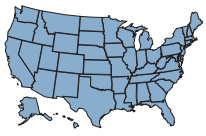
SUMMARY
Landscape-scale modeling of resilient interconnected areas and climate corridors

DEVELOPERS
The Nature Conservancy

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

PRODUCT EASE OF USE

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☐ **Easier** ■ **More advanced**

UMassAmherst
Center for Agriculture, Food, and the Environment

USDA

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