

Supplementary Information

Indicator N: Conserved Lands

State of Casco Bay 6th Edition

References

Casco Bay Estuary Partnership. 2015. State of the Bay Report. Portland, Maine.

<https://www.cascobayestuary.org/wp-content/uploads/2014/06/2015-SOTB-Report-final-3-16-16.pdf>

Further Reading

Maine Department of Inland Fisheries & Wildlife hosts the Beginning With Habitat program established the Focus Area for Maquoit and Middle Bay. BwH helps Maine municipalities, landowners, and land trusts build habitat conservation into long-term plans. URL:

<https://www.maine.gov/ifw/fish-wildlife/wildlife/beginning-with-habitat/index.html>.

Maine Department of Agriculture, Conservation and Forestry – Bureau of Parks and Lands maintains an interactive mapping portal, Conservation Lands in Maine. URL:

https://www.maine.gov/dacf/parks/publications_maps/conservation_lands_maine.html.

The State Wildlife Action Plan, prepared by the Maine Department of Inland Fisheries and Wildlife, identifies voluntary measures to conserve priority fish and wildlife, and habitats throughout the state. URL: <https://www.maine.gov/ifw/fish-wildlife/wildlife/wildlife-action-plan.html>.

The Maine Land Trust Network helps land trusts conserve land and connect people and places. MLTN hosts an annual conference, maintains a list with links to land trusts around the state, and provides resources to conservation efforts. URL: <https://www.mltn.org/>

Methods and Data Sources

Conservation Lands

We used two data sets to analyze conservation lands. We downloaded MainedACF geospatial Maine Conserved Lands data from the Maine GeoLibrary in February 2020. In April 2020, we obtained geospatial conservation lands data for coastal municipalities in Casco Bay from Bob Houston at the U.S. Fish and Wildlife Service Gulf of Maine Coastal Program. Although the two data sets use slightly different methods to classify conservation status, both data sets share a common definition of ‘permanent’ protected land.

We used ArcMap to prepare the watershed map of permanently protected conservation land. The map displays land classified as permanently protected in both data sets, but no other classification categories in either data set.

We exported Maine Conserved Lands tabular data to Excel and prepared summary statistics to create the Permanent Conservation Land in Casco Bay Watershed bar graph.

We used U.S. FWS Gulf of Maine Coastal Program geospatial data to prepare the Percentage of Land Area Permanently Conserved in Coastal Communities map. The map displays summary statistics provided to us in Excel by USFWS. The line graph showing Acres permanently conserved was also provided to us by USFWS.