# Great Lakes Wetlands – Climate Change Adaptation Lessons

## Unit Introduction

## Lesson 1

- Wetlands in the Great Lakes Region: What are wetlands and how are freshwater coastal wetlands unique?
- Wetlands Background – Student Information Sheet
- Wetland Habitat Chart

*Climate Change Adaptations for Coastal Wetlands: A Toolkit of Best Management Practices for Coastal Wetlands in Michigan*

## Lesson 2

- Climate Change in the Great Lakes: How does climate change affect the Great Lakes region?
- Weather or Climate? Matching Activity
- Climate Factor and Impact Chart

## Lesson 3

- Coastal Wetland Scenarios: How does climate change affect Great Lakes coastal wetlands?
- Climate Factor Cards
- Climate Impact Chart

## Lesson 4

- Best Management Practices (BMPs): What can humans do to help coastal wetlands “adapt” to changes?

## Lesson 5

- Taking Action: What stewardship practices help protect and restore coastal wetlands?
- NOAA – What You Can Do – 10 Things You Can Do for Coastal Wetlands
- Student Stewardship Plan

## Resources