

Great Lakes Wetlands



Climate Change ADAPTATION Resources



Financial assistance for this project was provided, in part, by the Michigan Coastal Zone Management Program, Office of the Great Lakes, Department of Environmental Quality, under the National Coastal Zone Management Program, through a grant from the National Oceanic and Atmospheric Administration, U.S. Department of Commerce

The statements, findings, conclusions, and recommendations are those of the authors and do not necessarily reflect the views of the Department of Environmental Quality and the National Oceanic and Atmospheric Administration.

Resources

Wetlands and Climate Change in the Great Lakes Region

U.S. Environmental Protection Agency (EPA): Wetlands Education

<https://www.epa.gov/wetlands/wetlands-education>

Sea Grant Michigan: Climate Adaptation

<http://www.miseagrant.umich.edu/explore/climate-weather-and-the-great-lakes/climate-adaptation/>

Teaching Great Lakes Science: Lessons and Data Sheets

<http://www.miseagrant.umich.edu/lessons/>

Teaching Great Lakes Science: Wetlands Lesson

<http://www.miseagrant.umich.edu/lessons/lessons/by-broad-concept/earth-science/wetlands/>

Teaching Great Lakes Science: Activity: Wetland in a Pan

<http://www.miseagrant.umich.edu/lessons/lessons/by-broad-concept/earth-science/wetlands/activity-wetland-in-a-pan/>

Center for Great Lakes Literacy

<http://www.cgll.org/>

North American Lake Management Society: Climate Impacts on Lakes

<https://www.nalms.org/home/our-mission/nalms-position-papers/climate-change-impacts-on-lakes/>

Alliance for the Great Lakes: K-12 Curriculum Great Lakes in My World

<https://greatlakes.org/get-involved/great-lakes-in-your-classroom/k-12-curriculum/>

Union of Concerned Scientists : Climate Hot Map – Global Warming Effects Around the World

<http://www.climatehotmap.org/>

Michigan Water Stewardship Program: Environmental Educator Resources

<http://www.miwaterstewardship.org/educators>

What Could Changing Great Lakes Water Levels Mean for our Coastal Communities: A case for climate-adapted planning approaches

<http://www.nature.org/ourinitiatives/regions/northamerica/areas/greatlakes/explore/great-lakes-lake-levels-case-study.pdf>

Michigan Department of Environmental Quality (MDEQ) Wetlands Map Viewer

<http://www.mcgi.state.mi.us/wetlands/mcgiMap.html>

Great Lakes Climate Change Curriculum: How Will Climate Change Affect A Great Lake State?

http://changingclimate.osu.edu/assets/docs/2012edu_CurriculaGoogleV3.pdf

MDEQ Great Lakes Coastal Wetlands

http://www.michigan.gov/deq/0,4561,7-135-3313_3687-11177--,00.html

EPA: A Student's Guide to Global Climate Change

<https://www3.epa.gov/climatechange/kids/index.html>

EPA: A Student's Guide – Taking Action/Stewardship

<https://www3.epa.gov/climatechange/kids/scientists/citizen-science.html>

National Oceanic and Atmospheric Administration (NOAA) – Great Lakes Environmental Research Laboratory: Great Lakes Maximum Ice Cover on the Great Lakes

<https://www.glerl.noaa.gov//data/ice/historicalAnim/>

NOAA: What You Can Do -10 Thing You Can Do for Coastal Wetlands

<http://www.habitat.noaa.gov/protection/wetlands/whatyoucando.html>

Michigan Department of Technology, Management and Budget (DTMB): Wetland Inventory Maps by County

http://www.michigan.gov/cgi/0,4548,7-158-52927_53037_12540_13817_22351-58858--,00.html

Alliance for the Great Lakes: Great Lakes Adopt-A-Beach program

<https://greatlakes.org/get-involved/adopt-a-beach/>

University of Wisconsin – Environmental Resources Center: Give Water a Hand

<http://erc.cals.wisc.edu/gwah/>

Tip of the Mitt Watershed Council: Wetlands

<http://www.watershedcouncil.org/wetlands.html>

Fabulous Wetlands with Bill Nye The Science Guy (Video 6:50 min)

<https://www.youtube.com/watch?v=BeUPbGWg2KU>

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