



MICHIGAN COASTAL ZONE MANAGEMENT PROGRAM

2020 GRANT FUNDING OPPORTUNITY

Overview

The Michigan Department of Natural Resources, Office of the Great Lakes (OGL), is pleased to announce the Michigan Coastal Zone Management (CZM) Program 2020 Grant Funding Opportunity (GFO). The Michigan CZM Program provides grant funds to assist in the development of vibrant and resilient coastal communities through the protection and restoration of our sensitive coastal resources and biologically diverse ecosystems. The OGL CZM Program anticipates \$700,000 to \$1,000,000 in grant funds for planning and implementation. These grant funds are made possible through the partnership with the National Oceanic and Atmospheric Administration (NOAA), pursuant to the Coastal Zone Management Act of 1972.

Michigan is graced with the nation's longest freshwater coastline bordered by four of the five Great Lakes. The Michigan CZM Program's mission is to protect, preserve, restore, enhance, and develop the coastal natural resources and cultural heritage of this precious coastline. The Michigan CZM Program's main objective is to connect people and communities to the Great Lakes.

The Michigan CZM Program is seeking projects that develop ways to protect community character and revitalize ports and harbors; plan for coastal growth and change in our coastal communities to strengthen economies and minimize risk from coastal hazards; protect and restore healthy coastal ecosystems for the public use and enjoyment; devise solutions for the protection of coastal water quality; and create and enhance public access.

CZM Program Focus Areas

Coastal Water Dependent Uses and Community Development

The CZM Program is committed to plan and manage future growth and development on lands adjacent to the coast, while protecting coastal natural resources, maritime heritage resources, water-dependent livelihoods and recreation, and other assets and activities that contribute to the community's sense of place.

Examples of past projects include: port and waterfront redevelopment plans, form-based codes and zoning overlays; and other research designed to inform community planning, zoning, and development efforts.

Note: Community land use plans and zoning ordinances must be developed in accordance with the requirements of applicable state planning and zoning enabling statutes.

Preference will be given to projects that:

- Encourage water-dependent commercial and recreational uses that diversify the community or regional economy.
- Create regional or multi-jurisdictional tourism development and marketing plans based on asset inventories of coastal natural resources, water-based recreation resources, and maritime cultural resources.

Coastal Hazards Management

The CZM Program is committed to increase coastal communities' understanding of the risks resulting from coastal erosion and flooding and to build the ability to respond and adapt to coastal storms and Great Lakes water levels variabilities (e.g., the highs and the lows).

Examples of past projects include: coastal engineering designs used as basis to develop a no-build zone; and plans for the movement of infrastructure back from eroding shorelines.

Preference will be given to projects that:

- Develop coastal community resilient master plans and/or implement local policies to effectively prepare, respond, and adapt to the coastal hazards such as storms, flooding, erosion, and Great Lakes level variability.
- Seek to sustain nature-based systems to leverage their protective assets and take steps to avoid the need for hard shore protection now and in the future.
- Implement site-specific nature-based shoreland management practices that provide erosion control benefits; and protect, restore, or enhance natural coastal processes.

Protecting and Preserving Healthy Coastal Habitat

The CZM Program is committed to protecting, preserving, and restoring healthy coastal wetlands, beaches, and dunes. As the first defense against storm surge, (e.g., reducing the risk of flooding and coastal erosion), natural infrastructure is critical for coastal communities' resilience as well as maintaining beneficial ecological plant and animal communities.

Examples of past projects include: restoration of a critical dune complex while providing controlled public access to Lake Michigan, and ecologically based mapping of Michigan's dune complexes.

Preference will be given to projects that:

- Implement site-specific nature-based shoreland management practices that restore natural shoreline habitat on inland lakes.
- Identify, assess, quantify, and communicate the value of coastal ecosystem management and how changes in these ecosystems impact coastal communities.
- Incorporate place-based approaches into restoration and conservation projects.

Protecting Coastal Water Quality

The CZM Program is committed to the protection of high quality waters. There are important water quality benefits and potential cost savings from protecting high quality waters and preventing impairments in waters that currently meet water quality standards. Protection, restoration, and enhancement of critical coastal resources, such as wetlands and beaches, are essential for the protection of high quality waters.

Examples of projects include: development of ordinances, policies, and/or plans addressing management of coastal nonpoint source pollution; and implementation activities to protect and improve beach health at publicly-owned Great Lakes beaches.

Preference will be given to projects that:

- Implement activities that are part of an adopted waterfront or coastal community plan that incorporate green infrastructure practices that reduce storm water runoff and utilize environmentally friendly materials.
- Implement low-impact, best management practices such as rain gardens at municipal certified Clean Marinas.

Creating and Enhancing Public Access to the Great Lakes

The CZM Program protects, restores, creates, and enhances public access to the Great Lakes using approaches that support coastal communities, foster appreciation of our natural resources, and create tourism opportunities.

Examples of past projects include: Development of engineering/design plans that led to low-cost construction of universally accessible pathways, boardwalks, floating docks, pervious launching areas, canoe/kayak storage racks, or other site amenities; and restoration or preservation of culturally historic structures.

Preference will be given to projects that:

- Implement distinct site-specific low-cost construction projects that provide universal access and enhance universal public access to the Great Lakes with the use of low-impact development techniques and environmentally-friendly and sustainable materials for construction.
- Develop, enhance, and promote place-based identities for communities' coastal tourism efforts based on uniquely regional or local characteristics, cultural identity, natural resources/eco-tourism, etc.
- Support historical and cultural preservation, restoration, and interpretation unique to Michigan's coastline with an emphasis on shipwrecks and lighthouses.

Note: *Grant funding is not available for parking lots leading to access sites.*

Grant Funding Information

Who is Eligible

Eligible applicants include coastal communities (e.g., local units of government, cities, counties, villages, and townships), regional planning agencies, educational institutions, Tribal governments, and not-for-profits 501(c) organizations located within the approved [programmatic boundary](#).

As part of this program, grant awards must be able to comply with the Office of Management and Budget (OMB) guidance in subparts A through F of 2 CFR 200, [OMB Uniform Guidance](#).

Who is Ineligible

Ineligible applicants include State and Federal agencies; for-profit organizations; and not-for-profit organizations cannot directly receive nor be the applicant to low-cost construction projects per NOAA requirements.

Additionally, ineligible applicants are those that have demonstrated past organizational performance issues; lack demonstration financial stability; or inability to meet statutory, regulatory, or other requirements.

Ineligible Uses for Grant Funds

- Large-scale beach renourishment projects.
- Shoreline hardened erosion control structures (e.g., groins, seawalls, etc.).
- Private resident benefit.
- Permit or other regulatory fees.
- Land acquisition projects.

- Plans and designs for general recreational and athletic facilities such as playground equipment, ball fields, and courts.
- Plans and designs for restroom facilities.
- Dredging projects including removal of contaminated sediments.
- Roadway, parking lots or other transportation related projects.
- Purchase of general purpose equipment such as computers, cameras, and/or printers.

Grant Amounts

Site-specific low-cost construction projects can be no less than \$10,000 and no greater than \$200,000.

Planning projects can be no less than \$10,000 and no greater than \$75,000.

Project Location

Site-specific low-cost construction projects must be located entirely within the approved Michigan's CZM Program coastal boundary. [Coastal zone boundary maps](#) are available through www.mi.gov/coastalmanagement.

Planning projects may have some flexibility that may extend outside the coastal boundary as long as there is a demonstration that leads to improved coastal management within the coastal boundary.

Match Requirement

All applicants must demonstrate the ability to provide a 1-to-1 non-federal match and provide documentation of committed and/or source of match funds. Match may be in the form of cash, in-kind services, or donations.

Project Award Period

The anticipated project start date is October 1, 2019, with no more than 15-months from the start date of the project. Projects will be evaluated on project readiness and feasibility for completion within this time frame.

Application Deadline

Complete applications being submitted via postal mail must be postmarked no later than December 14, 2018.

Application Submittal

Submit via postal mail or [e-mail](#) by the deadline.

Information for Applicants

Applications are considered public information under the Michigan Freedom of Information Act, PA 442 of 1976, as amended.

Successful applicants will be required to enter into a grant agreement with the Department of Natural Resources which includes standard terms and conditions which

are not subject to modifications. Failure of a successful applicant to accept these obligations will result in withdrawal of the grant offer.

Application Package

Applications need to be concise and provide enough detail to be evaluated as to meeting the respective Focus Area Preferences; overall quality and clarity of the application; organizational capability, specifically financial stability; readiness of the specific work proposed; degree of public benefit; and measurability of project outcomes.

The application must include a cover letter signed by an authorized representative of the applicant and the applicant's letterhead must accompany the application.

Applications are to be submitted to the following e-mail or mailing address:

By e-mail: DNR-UGL-CoastalProgram@michigan.gov

By postal mail:

Ronda Wuycheck, Program Manager
Michigan Coastal Zone Management Program
Office of the Great Lakes
Department of Natural Resources
P.O. Box 30028
Lansing, Michigan 48909-7528

Application Cover Page

The cover page must include the following information:

- Applicant agency or organization name.
- Applicant mailing address.
- Authorized representative's e-mail address.
- Authorized representative's telephone number.
- Authorized representative's fax number.
- Proposed Project Title.
- Location.
- Great Lake or Connecting Waterway.
- Grant Amount Requested.
- Match amount to be provided.
- Total Project Cost.
- Vendor ID.
- Address ID.
- Applicant Federal ID#.
- Applicant DUNS #.
- Name, title, and contact information of an organization contact person, if different from that of the applicant's authorized representative.
- Identify the CZM Program Focus Area the application fits within.

- Congressional District, State Senate District, and State House District numbers of the project location.

Proposed Project Summary

Provide summary (150 words or less) of the proposed project to explain the scope, coastal resources which are the focus of the effort, coastal significance, and primary outcome of the project.

Detailed Proposed Project Description

Provide the following information in the detailed proposed project description:

- Project scope, why the project is needed, and how it addresses the CZM Program Focus Area preferences.
- List of key project tasks and the outcome(s) of each task.
- List of work products.
- Project schedule showing the progress and completion of key project tasks by quarter. The schedule must show that all tasks will be completed within the project period.
- Source of secured or committed match.
- Project coordinates in decimal degree format or degrees, minutes, seconds format. If there is no specific project point location (e.g., regional or statewide study), please provide coordinates for the location of your organization and label as such.

Additional Detail Project Description Required for Low-cost Construction Projects (only)

Applicants must also provide the following:

- Exact location of construction project (e.g., county and, where available, coordinates or street address).
- Current site conditions (e.g., natural habitat, already disturbed, brownfield, degraded, etc.).
- Timing of construction activities.
- Proposed construction materials.
- Construction operation practices (e.g., what type of equipment will be used, how construction impacts will be avoided and/or minimized, etc.).
- How the site will be accessed during and after construction.

- Whether there will be any tree clearing for the project and, if so, the extent of clearing.
- Indication and brief explanation of best management practices to be implemented to avoid the introduction and/or spread of invasive species; soil erosion and off-site sedimentation; and non-point source pollution.
- List and Describe Direct, Indirect, and Cumulative Impacts of the following:
 - ▶ Coastal uses.
 - ▶ Marine mammals (provide list of mammals present and activities, noise, etc. that would result in the “take” of marine mammals. “Take” under the Marine Mammal Protection Act (MMPA) means the act or attempt to harass, hunt, capture, kill, or collect).
 - ▶ Essential Fish Habitat (list essential fish habitat present and describe the project’s impact to reduce the quantity or quality as designated by NOAA’s National Marine Fisheries Service (NMFS)).
 - ▶ List historic properties, including archaeological resources and historic structures of traditional, religious, and cultural importance to federally-recognized American Indian Tribal Governments and any potential adverse impacts or otherwise detrimental effects to these resources and structures, or to the long-term conservation of fish, wildlife, and other natural resources.
 - ▶ If the project is located in a Special Flood Hazard Area, as depicted on a National Flood Insurance Rate Map, identify the specific flood zone(s) (e.g., V1-30 zone, A1-30 zone), and indicate whether the community is participating in the National Flood Insurance Program.
- Documentation of Property Ownership Type:
 - ▶ Public Ownership Affidavit. If the property on which construction will occur is not subject to easements or other encumbrances held by a party other than the applicant, prepare and submit a hard copy or a Portable Document Format (PDF) version of a Public Ownership Affidavit. Example can be found at: www.mi.gov/documents/deq/deq-ogl-czmp-PublicOwnershipAffidavit_407110_7.doc.
 - ▶ Attorney Title Opinion. If property on which construction will occur is subject to easements or other encumbrances held by a party other than the applicant, prepare and submit a hard copy or a PDF version of an Attorney Title Opinion. Example can be found at: www.mi.gov/documents/deq/deq-ogl-czmp-AttorneyTitleOpinion_407108_7.doc.

- Project Site Map, Plans, and Photographs.
Submit an 8 ½" x 11" drawing of the project site map/plan including project dimensions (e.g., size and height) along with photographs of the proposed construction location. If the proposed project includes low-cost construction (or other physical alteration) activities on the project site, it must show the footprint of the project, the relationship of the project to other facilities, and significant natural features such as slope, access points, wetlands, dunes, floodplains, etc. Distinguish between existing and proposed site conditions of the site. A master plan for the site should be included, if one exists, and sketches necessary to fully explain the project.
- Documentation of Endangered or Threatened Species.
Conduct a review and provide a list of threatened or endangered species or critical habitat located in or that may potentially be located in the project footprint. Documentation must verify that either none exist in the project area or, if species or habitats are present or would potentially be impacted, that the project will not likely have an adverse impact on endangered or threatened species or habitat (i.e., a letter or e-mail from the relevant service(s) stating no adverse impacts with an explanation).

Additional information required for applicants utilizing unmanned-vehicles (e.g., drones).

Applicants must also provide the following:

- Specific geographical location of deployment/area of operations map(s) with brief narrative.
- Timing for the deployment of the unmanned-vehicles, (e.g., month, day or date range, time of day).
- Evaluation of deployment coincidence with animal migration.
- Federal Aviation Administration license of the operator and unmanned-vehicle registration.
- Deployment/area of operations site access.
- Indication and brief explanation of best management practices to be implemented to avoid the introduction and/or spread of invasive species.

Project Tasks and Schedule

Display project tasks and schedule in the following format for major tasks, target milestones, work products, and performance metrics.

Tasks	Oct- Dec	Jan- Mar	Apr- June	Jul- Sep	Oct- Dec	Work Products/Performance Metrics
1.						
2.						
3.						
4.						
5.						

Organizational Capability

Describe the qualifications of the individual(s) anticipated to work on the project and the past experience of the applicant in managing grant projects.

Applicants must provide documentation of financial stability by providing proof of a successful financial audit within 24 months of this GFO. Note that the audit date is based on the audit period and not the date of the audit or audit letter.

Detailed Project Budget

Download and use the budget form through the link provided below. When completing the form, select one of three cost accounting approaches for project indirect costs. Indirect accounting options include: 1) the applicant's federally negotiated indirect rate, 2) a 10-percent de minimis rate (of the modified direct costs), or 3) zero indirect expenses for projects that do not require any reimbursement of indirect costs.

Submittal of a completed, current Negotiated Indirect Cost Rate Agreement is required to use a federally-negotiated rate.

[Proposed Budget Form](http://www.michigan.gov/documents/ogl/OGL-CZM-Project-Budget_633612_7.xlsx): (www.michigan.gov/documents/ogl/OGL-CZM-Project-Budget_633612_7.xlsx)

Supporting Information

Resolution of Support

Applications from local units of government must include a resolution of support or equivalent authorization from the legislative body. The resolution of support may be included in the submittal as a hardcopy or PDF file and will not count toward the 10-page application limit. An example can be found at www.mi.gov/documents/deq/deq-ogl-czmp-ResolutionofSupport_407111_7.doc

Information Required for Creating Geospatial and Environmental Data

Environmental Data are defined as recorded and derived observations and measurements of the physical, chemical, biological, geological, and geophysical properties and conditions of the oceans, atmosphere, space environment, sun, and solid earth, as well as correlative data such as socio-economic data, related documentation, and metadata.

The OGL may, at its discretion, make publicly visible the NOAA Data Sharing Plan from funded grants, or use information from the NOAA Data Sharing Plan to produce a formal metadata record and include that metadata in an online inventory to indicate the pending availability of new data.

Projects creating new geospatial or environmental data, if funded, must comply with NOAA data sharing and quality control requirements.

Quality Control Requirements

Provide the following information if the proposed project involves monitoring, data collection, or data use:

- Geospatial data and environmental data collected and/or created under the project are posted online.
- Data are provided free of charge or available at a minimal cost (not to exceed the cost of distribution to the user).
- Data are made available in a timely manner (typically no later than two (2) years after creation except when limited by law, regulation, policy, or security requirements).
- Data are understandable to users and available in a form that permits further analysis or reuse.
- Data are in a machine-readable format, and sufficiently documented using open metadata standards to enable users to independently read and understand the data.
- Data undergo quality control provisions and a description of the Quality Control process and results are referenced in the metadata.

Other

The following information, if relevant, is encouraged to increase the competitiveness of the application:

- Explanation of how the proposed project is consistent with existing plans and ordinances.
- Indication of local support for the project, and identification of agencies or organizations partnering on the project. Letters of support from the public and letters of commitment from project partners may be included in the application submittal as hardcopies or PDF files and will not count toward the application page limit.

- A letter from each entity contributing match, with amount specified, must be received and will not count toward the application page limit.
- Description of how the proposed project leverages other technical or financial resources.

Application Assistance

For questions, please contact the following who are ready to assist:

Matt Smar, Coastal Community Development Coordinator
517-284-5049 or smarm@michigan.gov

Matt Warner, Coastal Hazard Specialist
517-284-5051 or warnerm1@michigan.gov

Karen Boase, Coastal Habitat Coordinator
517-284-5037 or boasek@michigan.gov

Madeleine Gorman, Coastal Water Quality Coordinator
517-284-5042 or gormanm1@michigan.gov

Weston Hillier, Public Access Coordinator
517-284-5038 or hillierw@michigan.gov

The Michigan Department of Natural Resources will not discriminate against any individual or group on the basis of race, sex, religion, age, national origin, color, marital status, disability, political beliefs, height, weight, genetic information, or sexual orientation. Questions or concerns should be directed to the Quality of Life – Office of Human Resources, P.O. Box 30473, Lansing, Michigan 48909-7973.