Midwest Glacial Lakes Fish Habitat Partnership

2025 Lake Conservation Grant Application

**Contact information**

**Project Officer** **Project Co-Officer**

|  |  |  |  |
| --- | --- | --- | --- |
| Name: |  | Name: |  |
| Affiliation |  | Affiliation |  |
| Mailing Address: |  | Mailing Address: |  |
| Email Address: |  | Email Address: |  |
| Phone Number: |  | Phone Number: |  |

**Project title** (255-character limit)

**Project summary** (1500-character-word limit)

**Geographic location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lake Name | State | Lake MGLP ID\* | Latitude (decimal degrees) | Longitude  (decimal degrees) |
| *e.g., Torch Lake* | *MI* | *MIbrdch17478* | *44.95579* | *-85.30113* |

\*MGLP IDs for most lakes areavailable at the [MGLP Conservation Planner](http://midwestglaciallakes.org/resources/conservationplanner/). For eligible lakes without an MGLP ID, this field can be skipped.

**Ceded Territory** Does this project affect Treaty-ceded Territory? If the project affects Treaty-ceded territory, but does not include tribal partners, please explain why not. Treaty-ceded Territory maps can be found in the [MGLP Conservation Planner](http://ifrshiny.seas.umich.edu/mglp/) by clicking the “Background map” button and turning on the “Show ceded territories” toggle button.

**Relevant State, Tribal, or Federal agencies** Please choose all agencies responsible for resource management in area where project will be located.

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1854 Treaty Authority |  | Ohio Department of Natural Resources |
|  | 1855 Treaty Authority |  | South Dakota Game, Fish and Parks |
|  | Illinois Department of Natural Resources |  | Wisconsin Department of Natural Resources |
|  | Indiana Department of Natural Resources |  | U.S. Fish and Wildlife Service |
|  | Inter-Tribal Council of Michigan |  | U.S. Forest Service |
|  | Iowa Department of Natural Resources |  | U.S. Park Service |
|  | Great Lakes Indian Fish and Wildlife Commission |  | U.S. Bureau of Reclamation |
|  | Michigan Department of Natural Resources |  | U.S. Bureau of Land Management |
|  | Minnesota Department of Natural Resources |  | Other tribal management: (Please list) |
|  | North Dakota Game & Fish Department |

**Sponsoring biologist** Please provide contact information for the sponsoring biologist at the relevant state, tribal, or federal agency

|  |  |
| --- | --- |
| **Name:** |  |
| **Telephone:** |  |
| **Email:** |  |

**Statement of need** A description of why the project is necessary and important, and the consequences of not addressing the need (300-word limit).

**Proposed benefits** Describe the project’s ecological, social, and economic benefits (1500-character limit).

**Public fishing access**

**☐** Provides new or increased public access

**☐** Intermittent or occasional public access

**☐** Maintains current public access

**☐** Does not provide public access

**Brief description of public access** (1500-character limit).

**Brief description of recreational and/or subsistence fishing opportunities** (1500-character limit).

**Species targeted for conservation** Please note any MGLP Priority Species (listed in the [Strategic Plan](http://midwestglaciallakes.org/wp-content/uploads/2020/06/MGLP-Strategic-Plan-2020-2025.pdf)) or Species of Greatest Conservation Need.

**Other species benefitting from conservation** Please note any MGLP Priority Species (listed in the [Strategic Plan](http://midwestglaciallakes.org/wp-content/uploads/2020/06/MGLP-Strategic-Plan-2020-2025.pdf)) or Species of Greatest Conservation Need.

**State the problem and the specific cause of the problem to be addressed by the project** (1500-character limit).

**State the objective(s) of the project with reference to the problem** Please state in SMART format (Specific, Measurable, Attainable, Realistic, Time bound) (300-word limit). For example, “By September 30, 2027, we will construct rock-arch rapids that allow for fish passage below the Clear Lake water level control structure.”

**State the methods used to accomplish the objective(s)** Be specific(600-word limit).

**Conservation actions taken** Choose all that apply**.**

☐ Reconnect aquatic habitat

☐ Reduce nutrient loading

☐ Reduce sediment loading

☐ Rehabilitate or restore sediment transport

☐ Remove fish barrier(s)

☐ Protect healthy habitat

☐ Rehabilitate or restore natural variability in river and stream flows

☐ Rehabilitate or restore natural variability in water surface elevations in natural lakes

☐ Control/eradicate invasive species

☐ Protect, rehabilitate or improve physical fish habitat (woody habitat, lunker structures, etc.)

☐ Outreach and education to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please estimate total audience size)

☐ Conservation planning assessment

☐ Other, explain\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MGLP Strategic Plan objectives.** Please list [MGLP Strategic Plan](http://midwestglaciallakes.org/wp-content/uploads/2020/06/MGLP-Strategic-Plan-2020-2025.pdf) objectives, strategies, outputs, and/or outcomes addressed by this project.

**Explain how the project aligns with the relevant lake management plan(s) or the management guidelines provided by the** [**MGLP Conservation Planner**](http://midwestglaciallakes.org/resources/conservationplanner/) **(if no lake management plans exist)** (200-word limit).

**Other conservation plans** List other relevant management or conservation plans (e.g., State Wildlife Action Plan, watershed management plan) that are addressed by this proposal and for each plan describe in 1-2 sentences how this proposal addresses the plan.

**National Fish Habitat Partnership National Conservation Priorities addressed**

Please select one or more of the following National Conservation Priorities; more information on the priorities can be found [here](https://www.fishhabitat.org/news/national-fish-habitat-board-approves-fiscal-year-2024-national-conservation).

|  |  |
| --- | --- |
| **☐** | Conserve waters and habitats where all processes and functions are operating within their expected range or natural variation |
| **☐** | Conserve hydrologic conditions for fish. |
| **☐** | Conserve physical and living habitats and features that support viable and sustainable species and/or populations in impacted or at-risk systems. |
| **☐** | Reconnect fragmented fish habitats. |
| **☐** | Conserve water quality for fish. |
| **☐** | Support the structure and function of Fish Habitat Partnerships. |
| **☐** | Enhance recreational, commercial, subsistence, and traditional fishing opportunities when conducting projects that conserve fish habitat. |

**How long are the benefits of the project expected to last and how will those benefits be sustained over time?** (100-word limit).

**Will the project address the effects of climate change on inland lakes and if so, how does it resist, adapt, or direct change within the lake?** Note that the [MGLP Conservation Planner](http://midwestglaciallakes.org/resources/conservationplanner/) includes climate change vulnerability and species suitability information. More [information on the resist, adapt, direct framework can be found here](https://www.usgs.gov/programs/climate-adaptation-science-centers/science/resist-accept-direct-rad-framework). 100-word limit).

**Project completion** Can this project be completed within two years of a contract being initiated?

**Project metrics** Please complete the metrics table the Excel document available on the [MGLP website](https://midwestglaciallakes.org/grant/).

**Expected outcomes** Summarize high level expected measurable outcomes (metrics) for the project (1500-character limit).

**Monitoring and evaluation** A monitoring and evaluation plan is required for every project. Describe the plan for monitoring completion of objectives and evaluation of attempts to achieve these objectives. (1500-character limit).

**Timeline for monitoring and evaluation** Brief description of the monitoring or evaluation timeline and when report will be available (100-word limit).

**Metrics** Please add one or more project accomplishment metrics to the Project Metrics tab of the Budget and Monitoring Template (available on the MGLP website).

**Adaptive management strategies** Brief description of strategies that will be used if the monitoring or evaluation indicated that project objectives are not being met (250-word limit).

**Education and outreach** An education and outreach component is required for every project. Describe the outreach or education components for this project including the local or regional community. Examples could include a combination of posting signage at restored or protected areas, conducting workshops, webinars, newspaper articles, in-person presentations, mailings, door-to-door outreach campaigns, social media messages, newsletter articles, site tours, site evaluations and best management practice recommendations, educational events, and/or other options. (1500-character limit).

**Results dissemination** Brief summary of how results will be disseminated, including publicly available reports, datasets or other products (1,500 characters or less).

**Project team**. Demonstrate the applicant’s ability to implement a project of this nature. Please list all personnel involved with this project and include details on their expertise, skill, or significance to the project (1500-character limit).

**Necessary authorizations** Does this project have any special regulatory considerations, and if so, how will you address them? This may include mussels, threatened and endangered species, contaminated sediment, sea lamprey management, and/or other regulatory considerations. (250-word limit).

**Funding request**

|  |  |
| --- | --- |
| **MGLP Funding Request:** |  |
| **Total Partner Match: In-kind**  **Funding** |  |
|  |
| **Project Total (including match): $** |  |

**If the project is scalable, please state the minimum amount of funding that you would be able to accept and still complete a substantially similar project.**

**Budget** Provide project budget details for personnel, supplies, equipment (including rental), permitting, and other costs using the Budget and Monitoring Template available on the [MGLP website](https://midwestglaciallakes.org/grant/). Please provide any justifications or explanations in a narrative below.

**Contributing partners** Please list specific partner names and their proposed contributions, including in-kind service cash value (*example: 100 volunteer hours of shoreland restoration in-kind value of $1800*).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Partner name** | **Partner location** (City, State) | **Partner description** (Non-profit, For-profit, Tribal, Local, State, or Federal government, or Other) | **Status** (Secured, applied for, or intend to apply) | **Federal or federally tied funds** (Yes/No) | **Cash** | **In-kind** | **Total** |
|  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |

*Note: Please try to account for all proposed partners and their cash and in-kind contributions. Remember, in-kind contributions can add a significant amount to partner match and make your project more competitive, so please consider all contributions made to the project effort and convert those into in-kind matching dollars.*

**Photographs of project area** Please submit two to five photographs of the proposed project area and at least one map as separate files emailed to Joe Nohner (nohnerj@michigan.gov). “Before” and “after” photographs are required after project completion. Please provide credits for all pictures below.

**The applicants give the MGLP permission to use the files listed below in communications and reporting (required).**

|  |  |
| --- | --- |
| File name | Credit |
|  |  |
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**Optional** State any additional information describing the importance of this project.