



Call for Proposals

Sea Lamprey Research Program

The Great Lakes Fishery Commission is now soliciting pre-proposals and pilot project proposals for the 2023 funding cycle.

Deadline: **FRIDAY, JANUARY 15, 2022 11:59 PM EST**

- Funding schedule: www.glfsc.org/for-researchers.php. New projects may not begin before January 1, 2023.
- Individual awards are typically between \$35,000 and \$100,000 per year.

Submission

- Pre-proposal submission: www.glfsc.org/proposal/login.php.
- Pre-proposal template: www.glfsc.org/pubs/pdfs/research/PreproposalFormat.doc.
- Pilot proposal template: www.glfsc.org/pubs/pdfs/research/PilotProposalformat.doc

Evaluation

- Proposals are evaluated for relevance and scientific merit and against information needs identified by the [Research Themes](#) under which they are submitted. Additional information and theme papers can be found here:

[Barriers and Trapping](#)
[Lampricides](#)
[Assessment](#)

[Chemosensory Communication Systems](#)
[Genetic Control](#) *NEW THEME!*

- Proposals that do not directly fit into a theme can be submitted under Non-theme Research.
- Proposals are encouraged to be cross-cutting and address multiple themes or integrate multiple disciplines. See the [theme conceptual diagram](#) for examples of how themes may intersect. Researchers can also use the new [research synthesis papers](#) to help identify innovative research topics.
- Investigators are encouraged to align proposed research with the [Sea Lamprey Control Board research priorities](#) to develop research ideas. The research priorities addressed by a proposal are considered during proposal evaluations.

Announcements

Proceedings from the third [Sea Lamprey International Symposium](#) (SLIS III) are available as a reference for applicants on relevant topics of interest, including (i) Comparative Lamprey Biology: For Conservation, Management, and Control, (ii) Advances in Sea Lamprey Control in the Great Lakes, (iii) Advances in Sea Lamprey Biology, and (iv) Emerging Opportunities: From Advances to Control and Conservation.

CALL FOR SPECIAL TOPICS

Production potential of newly opened habitats

The Sea Lamprey Research Board and Sea Lamprey Control Board request proposals investigating the production potential of newly opened habitats. The Commission is specifically interested in understanding what factors best predict the production potential for both sea lamprey and native fish species in newly opened systems. This information is critical for barrier removal and fish restoration decision making.

Sea lamprey host selection and attack lethality

FishLamp is a workgroup of the Sea Lamprey Control Board that looks at the connection between sea lamprey and lake trout to better understand population trends and marking rates. The Great Lakes Fishery Commission requests proposals investigating how sea lampreys locate, select, and attach to hosts (salmonines, burbot, coregonines). The workgroup is also interested in understanding the lethality of sea lamprey attacks and what factors determine lethality.

Great Lakes Acoustic Telemetry Observation System

Additional funds are available for projects using acoustic telemetry. Receiver networks are maintained in lakes Huron, Ontario, Michigan, Erie, and Superior, as well as interconnecting waterways, and are available for use by researchers. Receivers may be available for loan and logistical and analytical support is available upon request.

For more information visit: <https://glatos.glos.us/>





Call for Proposals

Fishery Research Program

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Evaluation

- Proposals are evaluated for relevance and scientific merit and against information needs identified by the [Research Themes](#) under which they are submitted. Additional information and theme papers can be found here:
 - [Human Dimensions of Great Lakes Fishery Management](#)
 - [Re-establishment of Native Deepwater Fishes](#)
 - [Physical Processes and Fish Recruitment in Large Lakes](#)
 - [Energy Dynamics of Great Lakes Food Webs](#)
 - [Council of Lake Committees Research Priorities](#)
- Proposals that do not directly fit into a theme can be submitted under Non-theme Research.
- Proposals are encouraged to be cross-cutting and address multiple themes or integrate multiple disciplines. See the [theme conceptual diagram](#) for examples of how themes may intersect.

CALL FOR SPECIAL TOPICS

Declining Offshore Productivity and Nearshore Processes

The Commission is committed to research that improves coordination between fishery and water quality managers as well as understanding of energy and nutrient dynamics, habitat coupling, and processes that sequester nutrients in the nearshore. Project proposals that address the knowledge gaps and recommendations identified by the recent International Joint Commission report "[Understanding Declining Productivity in the Offshore Regions of the Great Lakes](#)" are a high priority for this funding cycle. This topic is particularly relevant to the Energy and Nutrient Dynamics and Physical Processes and Fish Recruitment in Large Lakes research themes.

Coregonine Conservation and Restoration

Additional funds are available for projects focused on conservation and restoration of native coregonines. Proposed research must strive to improve biological understanding of native fish communities and to provide management agencies with new techniques and understanding essential for coregonine re-establishment. Projects focused on lake whitefish harvest (i.e., levels, policy, and control strategies) as specified in the [proceedings](#) from the February 2018 workshop sponsored by the Great Lakes Fishery Trust and the Great Lakes Fishery Commission will be given special consideration. This topic is particularly relevant to the Re-establishment of Native Deepwater Fishes research theme.

Climate Change

While climate change occurs at a global scale, its effects present a management challenge for Great Lakes fisheries. Projects that seek to better understand impacts of climate change on Great Lakes fisheries, or identify strategies that allow managers to better adapt to effects of climate change are solicited. These projects likely bridge multiple research themes.

