

Ohio Lake Erie Commission

Request for Proposal

Internal Loading as a Source of Phosphorus in Lake Erie

Proposal Due Date: February 1, 2013

The Ohio Lake Erie Commission seeks proposals for the Lake Erie Protection Fund to address internal loadings from lake bottom sediments as a source of phosphorus in Lake Erie. Priority will be given to those proposals that intend to utilize LEPF funds as a component of a larger project designed to determine estimates of phosphorus releases from bottom sediments. Submittal of work plans from associated projects is not necessary. However, project proposals for LEPF funding should clearly describe how the proposed work will benefit associated projects. If associated work is referenced, applicants must describe the broader purpose of the composited project work.

Project proposals may focus on either or both the western and central basins of Lake Erie, but a preference will be given to projects that can relate and compare the two basins.

Project proposals should focus on estimates of phosphorus releases as a result of resuspension events and as a result of anoxia/hypoxia.

Proposals may include field sampling or utilize core samples collected from other projects. Project proposals that do include field sampling of sediments should consider the varying forms of phosphorus at different depths of bottom sediments.

Funding for this project seeks to address the Strategic Objective in the *Lake Erie Protection and Restoration Plan* (2008) to “Reverse increasing nutrient loading to Lake Erie, especially Dissolved Reactive Phosphorus.” The functioning of in-lake nutrient dynamics has been identified as a key issue in understanding the environment for harmful algal bloom development.

Please visit the Commission’s website at <http://lakeerie.ohio.gov/LakeErieProtectionFund.aspx> for application materials and to obtain more information about the Lake Erie Protection Fund.

If you have any further questions, please contact Rian Sallee, the Commission’s Grants Coordinator, at 419-621-2040.