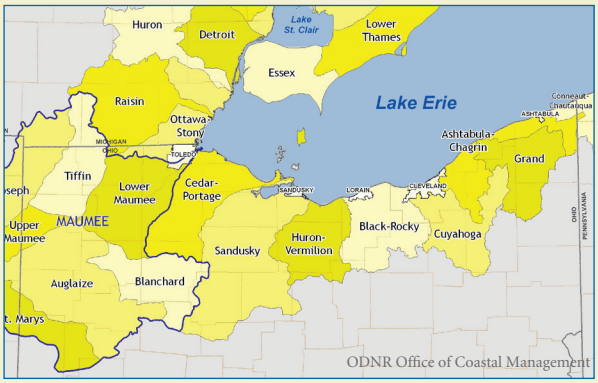
Ohio's Projects for 2010

Great Lakes Restoration Initiative Funding

Restoration: *an act of bringing back to a former condition of being unimpaired.*



Lake Erie is affected by the decisions and actions of people throughout its watershed. Ohio's portion of the Lake Erie watershed, illustrated above, drains 11,649 square miles and is home to 4.65 million people.

Restoration Focus Areas

In this first year of funding, Congress authorized $475 million to implement projects addressing the five focus areas identified as the highest priorities for which urgent action is required to restore the Great Lakes. The Great Lakes Restoration Initiative funding areas are listed below with each categories' number of proposed projects in Ohio and the projects' combined cost.

- **Toxic Substances & Areas of Concern** ~ $4.21 million for 5 projects
- **Invasive Species** ~ $1.3 million for 5 projects
- **Nearshore Health and Nonpoint Source Pollution** ~ $6.71 million for 14 projects
- **Habitat and Wildlife Protection and Restoration** ~ $8.43 million for 8 projects
- **Accountability, Monitoring, Evaluation, Communication and Partnerships** ~ $2.08 million for 5 projects.

Get Involved

To provide input on Ohio's proposals, or to inform us of projects you intend to submit for future GLRI request for proposals, visit: **lakeerie.ohio.gov/GLRI.aspx**

The Great Lakes Restoration Initiative (GLRI) represents an unprecedented opportunity to systematically tackle environmental challenges that have persisted in the Great Lakes.

Ohio's Planning

Over the years, Ohio agencies and local entities have developed strategic plans for the recovery of Lake Erie and its tributaries. Blue prints for a green watershed lie in local waterfront plans, watershed action plans, balanced growth plans, habitat and species recovery plans, the Lake Erie LaMP, Remedial Action Plans, and the Lake Erie Protection & Restoration Plan. These plans collectively describe the path for Lake Erie's recovery.

Ohio's Proposals

With the help of GLRI funding, Ohio can implement plans which otherwise may not have been funded for years. Through the efforts of the Ohio Lake Erie Commission (OLEC) and its member agencies, Ohio has developed a prioritized project list which will remove barriers to fish spawning areas, restore beneficial uses in Ohio's 4 Areas of Concern, reduce harmful algal blooms, make beaches safer, protect critical habitats, reduce contamination from non-point sources, address emerging contaminants of concern, and track measureable goals through some of the country's best monitoring programs.

In November 2009 and January 2010, Ohio released fact sheets listing projects being considered for application to the U.S. EPA's and the U.S. Fish wand Wildlife Service's RFPs which were due in January 2010. In an effort to continue informing the public, this third Ohio GLRI fact sheet lists the 33 projects which Ohio agencies have submitted for GLRI funding, and lists the four projects Ohio plans on submitting for the U.S.D.A Forest Service RFPs due in April 2010.

Great Expectations

With the help of GLRI funding, the balance between use and preservation of Lake Erie's coastal resources will be achieved giving our children a restored resource. Today, Lake Erie's 127.7 trillion gallons bring Ohio nearly $11 billion annually in visitor spending alone. The Brookings Institution estimates that implementing the Great Lakes restoration strategy in full will generate $50 billion in long-term benefits for the basin, creating jobs, revitalizing our regional economy and improving our quality of life. Through the $475 million in GLRI funding, Ohio can continue to participate in the Great Lakes environmental restoration.

Ashtabula River looking north.

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Key: **Watershed: Project description: Lead Ohio Agency,** Partner Agencies; Estimated Cost.

Toxins and Areas of Concern – 5 projects

1. Basin Wide: Healthcare Provider Project – Fish Consumption Risk/Benefits: ODH, OEPA; $2M.
2. Cuyahoga and Lucas Counties: Pharmaceuticals & Mercury Containing Devices Collection: ODAg; $500,000.
3. Basin Wide: Residential collection of pharmaceutical & mercury containing devices: ODNR, OEPA, Local HDs, SWDs, SWCDs, Munis, law enforcement, hospitals; $300,000.
4. Basin Wide: Mercury Reduction and Treatment Cost Update: OEPA; $410,154.
5. Maumee River: Restoration & Expansion of Urban & Community Forests (Brownfields): ODNR, US Forest Service, Local Govts., SWCDs; $1M.*

Habitat & Wildlife Protection & Restoration – 8 projects

6. Ashtabula River: Ashtabula River AOC Habitat Restoration: OEPA, Ashtabula RAP, Cleveland Museum of Natural History; $1.5M.
7. Cuyahoga River: Cuyahoga AOC Habitat and Fish Restoration Opportunities: ODNR, OEPA; $500,000.
8. North Bass Island: North Bass Island Restoration: ODNR, ODNR Forestry, Sea Grant; $125,000.
9. Lake Erie Coast: Sheldon Marsh Wetland/Barrier Beach Restoration Project: ODNR, Erie MetroParks, ODNR OCM, OLEC, USFWS, USACE; $2.5M.
10. Maumee River: Reforestation of Maumee Bay and Mary Jane Thurston state parks: ODNR; $168,000.
11. Lake Erie Coast: Erosion & Rehabilitation Study at East Harbor State Park: ODNR; Ottawa Co. Govt., Ottawa Co. Visitors Bureau $1,140,174.
12. Sandusky River: Removal of Ballville Dam: ODNR; City of Fremont $2M.❁
13. Maumee River: Restoration & Expansion of Urban & Community Forests (Community Forests): ODNR, US Forest Service, Local Govts., SWCDs; $500,000.*

Evaluation, Monitoring & Partnerships – 5 projects

14. Basin Wide: Green Area Conversion Metric: OLEC; $82,500.
15. Maumee River: Independence Dam State Park Erosion Control: ODNR; $100,000.
16. Basin Wide: Lake Erie Synthesis and Coordination Team: OLEC; $200,000.
17. In-Lake: Ohio Comprehensive Nearshore Monitoring Program: OEPA, ODNR, Heidelberg Univ., OSU, Univ. Toledo, John Carroll Univ.; $1,195,000.
18. Basin Wide: Project Stream Quality Monitoring for Total 21st Century Watershed Outreach: ODNR; $500,000.

Grand Total for 37 projects: $22.7 million

Invasive Species – 5 projects

19. Central Basin: Gypsy moth monitoring and suppression in the Lake Erie Watershed: ODAg, USDA Forest Service, USDA APHIS, OSU; $187,200.
20. Basin Wide: Viral Hemorrhagic Septicemia (VHS) Surveillance in Ohio's Waterways: ODAg; Sea Grant, USFWS, $117,039.
21. Basin Wide: DNAP Coastal Invasive Plant Species Control Project: ODNR, TNC, Local MetroParks, ODNR OCM, OLEC, Co Park Districts, Cleveland Museum of Natural History; $200,000.
22. Grand River: Harpersfield Dam Restoration: A Barrier to Sea Lamprey: ODNR; Ashtabula County Metropark, USFWS; $500,000.
23. Maumee River: Restoration & Expansion of Urban & Community Forests (Brownfields): ODNR, US Forest Service, Local Govts., SWCDs; $300,000.*

Nearshore Health and NPS – 14 projects

24. Basin Wide: Sanitary Surveys to Reduce Pollution at Lake Erie Beaches: ODH, OEPA, County HDs, Sanitary Sewer Districts, Local Govts., NGOs; $250,000.
25. Basin Wide: Improving Communication about Beach Water Quality: ODH, OEPA, County HDs; $100,000.
26. Basin Wide: Rapid Analytical Methods in Beach Water Sampling: ODH, USGS; $225,000.
27. Basin Wide: Establish & Implement a Lake Erie No Discharge Zone in Ohio: ODNR; $800,000.
28. Maumee River: Phosphorus Reduction: Variable Rate Technology Program: OEPA, CAP; $202,000.
29. Ottawa River: TMDL for Ottawa River (Lima) Watershed: OEPA; $250,000.
30. Maumee River: Phosphorus Reduction: Implementation of Priority Practices: ODNR, OEPA, Local SWCDs; $1M.
31. Western Basin: Western Lake Erie Basin Planning (3 Watershed Coordinators): ODNR, County SWCDs, ODA, OEPA, OSU Ext.; $315,000.
32. Cuyahoga County: Surface Water Improvement Fund Grant Program: OEPA; Local Govts., Watershed Groups, State and Federal agencies; $1M.
33. Basin Wide: Swan Creek and Chagrin River Balanced Growth Implementation: OLEC, OLEC member agencies, Local Govts., TMACOG, CRWP; $831,500.
34. Maumee River: WLEB Planning: Maumee River Corridor Plan: ODNR; $500,000.
35. Maumee River: Toledo Harbor Sediment Management & Reuse: OLEC, OEPA,ODNR, USACE, Port Authority; $250,000.
36. Maumee River: Phosphorus Reduction: Innovative Cover Crop Seeding: OEPA, CAP; $483,300.
37. Maumee River: Restoration of Riparian Forest in Rural Settings: ODNR, NRCS, SWCDs Ohio Farm Bureau, ODAg; $500,000.*

❁= Applied for funding from USFWS; * = Applying for funding from USDA Forest Service; All others applied for USEPA funding.
Watersheds listed are for geographic orientation only; many projects may also be implemented in smaller watersheds within these regions.

Learn more Ohio Lake Erie Commission: lakeerie.ohio.gov 419.245.2514 | Great Lakes Restoration Initiative: www.epa.gov/glnpo/glri

Ohio The State of Perfect Balance

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