

Ohio Department of Natural Resources Office of Coastal Management 2009

Year in Review

The **Office of Coastal Management** cooperates with state and federal agencies, political subdivisions, local groups and individuals to manage Ohio's Lake Erie coastal resources, monitor activities that affect the resources, and foster the resources' sustainable use for the benefit of all citizens.

Our Mission:

Achieve a balance between use and preservation of Lake Erie's coastal resources, in collaboration with our partners, by effectively administering the Ohio Coastal Management Program.

The **Ohio Coastal Management Program** sets forth 41 policies within nine program areas along with guidelines to monitor activities that affect Lake Erie and its watershed and ensure resource protection while balancing economic, cultural and environmental interests.

The nine program areas are: Coastal Erosion & Flooding; Ports & Shoreline Development; Environmental Quality; Water Quality; Recreation & Cultural Resources; Energy & Mineral Resources; Wetlands & other Ecologically Sensitive Resources; Fish & Wildlife Management; and Water Quantity.

Learn more: ohiodnr.com/coastal

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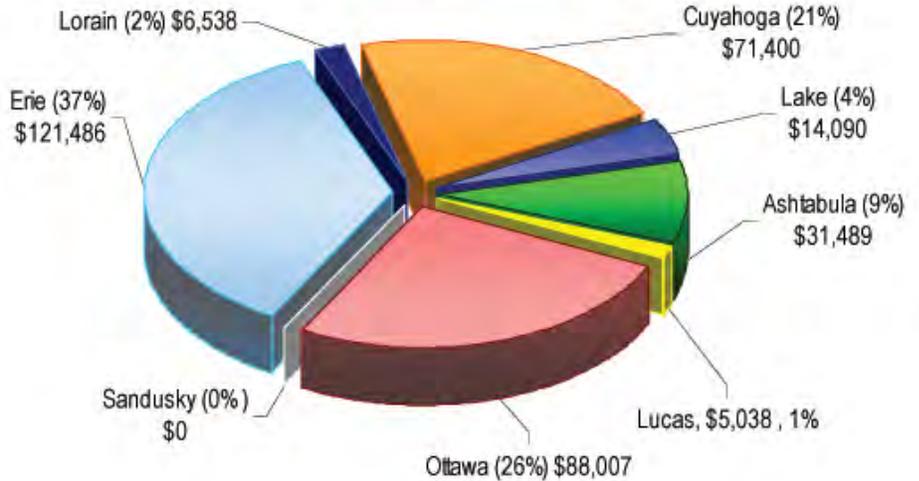
Ohio

2009 Accomplishments

- Performed 65 **environmental reviews** and 38 **site visits** for Submerged Lands Lease application submittals. Since 1917, Submerged Lands Leases have been the way the state of Ohio authorizes use of Ohio's territory in Lake Erie. Leasing submerged land enables the state to manage the Public Trust, accommodate various private and public uses, and help protect the rights of littoral property owners.
- Performed **contract management** on approximately 850 submerged lands leases including issuing 21 leases, modifying 4 existing leases, performing 12 consent to lease assignments, and 1 lease termination.
- Performed 20 **historic natural shoreline designations** in response to requests for technical assistance from the public, engineering/surveying consultants and local political subdivisions.
- Processed \$720,554 in **Submerged Lands Lease revenue** and disbursed \$338,048 to local political subdivisions for state fiscal year 2009 (*See also Budget p12*).
- Conducted 108 **Federal Consistency reviews** to ensure that federal agency projects, permits and funding that will likely have effects on Ohio's designated Coastal Management Area are consistent with the enforceable policies of the OCMP.
- Submitted to and had approved by Ohio's Joint Committee on Agency Rule Review (JCARR), **Coastal Erosion Area rules**. The rules became effective in November 2009.
- **Fulfilled 47 public records requests, 103 technical assistance requests** and 23 **public information requests**.
- **Responded to 32 complaints** regarding projects along Lake Erie including the unauthorized construction of shore structures, construction of shore structures not in accordance with authorized permits, and the illegal dumping of fill material.
- Created a standardized **compliance site visit report**, and developed and implemented the use of standard "Notice of Non-compliance" letters.



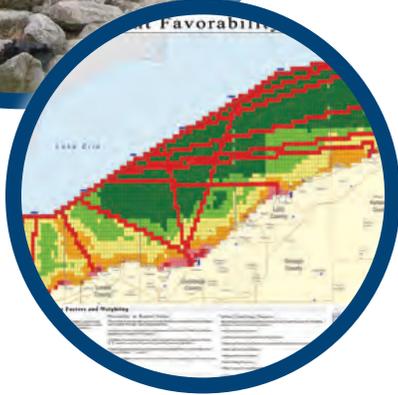
FY 2009 Lease \$ Returned to each Coastal County
Total of Fund 6970 Returned: \$320,223



Regulatory Program Implementation

The Office of Coastal Management administers regulatory programs for which ODNR has direct authorities as outlined in Ohio Revised Code Section 1506 and Ohio Administrative Code Section 1501-6. In doing so, the Office coordinates with federal, state and local agencies to promote the effective management of Ohio's coastal resources.

2009 Accomplishments continued



- Received and processed applications for **Shore Structure Permits** and recommended approval of 32 permits. In 1955, the state of Ohio began requiring permits for the construction of shore erosion, wave and flood control structures as an early effort to protect and manage Ohio's Lake Erie shore. A Shore Structure Permit must be obtained prior to the construction of an erosion, wave or flood control structure along the Ohio shore of Lake Erie. Shore structures commonly include nourished beaches, seawalls, stone revetments, bulkheads, breakwaters, groins, docks, piers and jetties.
- Developed **Lake Erie Wind Turbine Placement Analysis** mapping. Drafted a Wind Energy Generating Facility Administrative Code rule package and Option to Lease, and drafted a web-based authorizations application for wind energy facilities built in the territory of Lake Erie.
- Completed a draft of the **Coastal Design Manual** which will be a guide on the proper design of shore structures along Ohio's coast.
- Worked with the U.S. Army Corps of Engineers and the Ohio EPA to **coordinate regulatory reviews** of proposed projects. Responded to 18 requests for comments to USACE public notices.



Erosion is the wearing away of land and/or lakebed.

Property owners can take a proactive approach to help reduce erosion by:

- Avoiding dumping vegetation on the bluff because it adds weight to the bluff face and smothers living plants. Living plants help stabilize bluffs by retaining soil and absorbing water on and in the bluff.
- Avoiding dumping construction debris over the bluff because it adds weight to the bluff face and "takes out" living plants and some soil as it slides down the bluff. This is illustrated in the picture to the left.
- Re-routing drainage pipes away from the bluff to limit surface water erosion.
- Maintaining a setback from the top of the bluff. Do not build homes, sheds, pools or other heavy structures near the edge of the bluff. The added weight may lead to bluff instability.

Learn More: ohiodnr.com/coastal

2009 Accomplishments

- Updated **county parcel data** for the nine counties in Ohio's designated Coastal Management Area.
- Created **maps and digital data sets** for a variety of constituents and customers including Watershed groups.
- Participated in quarterly meetings of the **Ohio Wind Working Group** and served on their Environmental and Website/Outreach teams.
- Represented ODNR at public **Wind Cube** unveiling event in Port Clinton/Oak Harbor.
- Participated in the Coastal States Organization's alternative energy workgroup and joined their performance measures workgroup.
- Provided **technical assistance to counties and communities** considering shore enhancement projects across Ohio's 312-mile coast including the following cities on the listed projects:
 - **Port Clinton** - potential development of Waterworks Park
 - **Sandusky** - development of the Marina District
 - **Euclid** - development of the shoreline east of Sims Park
 - **Vermilion** - Showse Park improvements
 - **Building Cleveland by Design** - Flats East Bank development project
 - **Cleveland-Cuyahoga County Port Authority** - development of the Cleveland waterfront
 - **Lake County Metroparks and Planning Commission** - shoreline enhancement plans on several park properties.
- Coordinated and met with seven municipalities in Ashtabula County and hosted public meetings to present and receive feedback on the **Lake Erie Shore Erosion Management Plan (LESEMP)**. Information gathered from these meetings was used to draft erosion control recommendations for 11 segments of shore (called "reaches") in Ashtabula County. LESEMP was highlighted by the Ohio News Network in a two part series. Learn more and download maps: select "Lake Erie Shore Erosion Management Plan" under "Programs" at ohiodnr.com/coastal.
- Participated in the biennial **Great Lakes Water Quality Agreement** meeting.



Coastal management decisions are made for the sustainable use, development and protection of our Lake Erie-region resources by recognizing the distinctive character of the coastal area and the importance of conserving it for current and future generations.



2009 Accomplishments continued

Help Improve Lake Erie

Excess nutrients like phosphorus and nitrogen from watershed sources are major contributing factors to water quality problems including harmful algal blooms (pictured to the right). You can limit the addition of nutrients reaching Lake Erie by:



- Using lawn and plant fertilizers sparingly. Do not over-fertilize or over-water after applying fertilizer. If possible, use a phosphorus-free fertilizer.
- Regularly checking and maintaining your septic system. Damaged or improperly working systems can cause nutrient loading to nearby waters.
- Preventing surface runoff from agricultural and livestock areas.
- Not allowing large concentrations of Canada geese to set up residence. Their waste can cause excessive nutrients to enter waters.
- Maintaining native plants along the shore and in as much of the watershed as possible. These plants are excellent filters of nutrients and are essentially maintenance-free.
- Not treating established algal blooms with algaecides (like copper sulfate) because toxins can be released from the dying cells.

- Active participant in numerous meetings with the U.S. Army Corps of Engineers (USACE) and others to discuss ecosystem restoration along Ohio's coast including the **habitat restoration units** proposed within Maumee Bay (Lucas County), and **shore restoration projects** at East Harbor State Park (Ottawa County) and Sheldon Marsh State Nature Preserve (Erie County).
- Core participant in meetings and summits to discuss **dredging** and **beneficial reuse of dredged material/ regional sediment management**. Meetings included those of the National Dredging Team, Great Lakes Dredging Team, and the Toledo Dredging Summit.
 - The goal of the Toledo Dredging Summit was to raise awareness of the dredging crisis that threatens the short- and long-term viability of Toledo Harbor, to seek input from all Toledo Harbor stakeholders, and to identify and begin working toward goals supporting the sustainability of Toledo Harbor and the Western Basin of Lake Erie.
- Participated in the USACE's National Infrastructure Systems Conference, a focus of which was the Great Lakes and Lake Erie, including the work being done on the **Lake Erie Regional Sediment Management Plan**, the modeling to support the proposed Confined Disposal Facility in Cleveland and work being done to inventory and assess the federal structures on the Great Lakes.
- Participated in the meetings of the **Great Lakes Small Harbors Coalition** and the **Ohio Coalition of Shallow Draft Harbors**. The purpose is to represent the shared needs and interests of small harbors in the Great Lakes.
- Participated in the Erie County and U.S. Department of Agriculture Local Work Group to prioritize natural resource concerns and set priorities for the **Environmental Quality Incentive Program** (EQIP) portion of the federal farm bill.



2009 Accomplishments

- Participated in more than 30 **education and outreach events** ranging from hands-on displays, presentations, poster sessions, lectures and public meetings including:
 - The 10-day Cleveland Boat and Waterfront Lifestyle Expo
 - Coastal Zone Management Conference '09.
 - The 12-day Ohio State Fair
 - East Harbor State Park's annual Conservation Fair.
 - North American In-Water Boat Show at Cedar Point.
 - 48th Annual Ottawa County Fifth Grade Conservation Field Day at Magee Marsh Wildlife Area and Ottawa National Wildlife Refuge
 - Annual Erie County 8th Grade Students Land Use Debate.
- Provided staff support for President Obama's **Great Lakes Regional Ocean Policy Task Force Public Meeting** in Cleveland.
- Provided** 2,500 people (including inquiries from walk-in visitors, phone calls and e-mails) with **information** on coastal resources, our services and Lake Erie.
- Issued more than 30 **press releases**.
- Developed **publications** including:
 - The 2008 Annual Review document
 - Lake Erie Partnership factsheet
 - Lake Erie Literacy Principles and Concepts factsheet
 - OCMP Grants in the Cuyahoga River Watershed factsheet
 - Causes of Erosion: Surface and Ground Water factsheet
 - Ohio's Coastal & Estuarine Land Conservation Program projects through 2009 factsheet
 - Great Lakes Restoration Initiative Funding factsheet
 - A four-poster series about Lake Erie for Marblehead Lighthouse State Park
 - An 11-poster "Lake Erie Scavenger Hunt" and four accompanying quiz sheets.
- Performed site visits and began drafting a **guidebook** to the 163 **public access locations** on Ohio's coast which will be published in 2010.
- Assisted the Erie County Soil & Water Conservation District with hosting a Stormwater System Design and Performance **Workshop**.
- Continued to develop an **education and outreach plan** in coordination with other Ohio agencies including Ohio Sea Grant, Old Woman Creek National Estuarine Research Reserve and the Ohio Lake Erie Commission.



Lake Erie Literacy is an understanding of Lake Erie's influence on you and your influence on the freshwater lake.

2009 Accomplishments continued

- Drafted the **Lake Erie Literacy Principles and Concepts (LELPC)**. This was the first project in the Lake Erie Partnership's unified approach to promoting life-long education about Lake Erie issues in a place-based, hands-on manner. Lake Erie Partnership members include the Office of Coastal Management, ODNR Division of Wildlife - Old Woman Creek National Estuarine Research Reserve, Ohio Lake Erie Commission and the Ohio Sea Grant College Program.

The Lake Erie principles are based on the NOAA-approved *Ocean Literacy: The Essential Principles and Fundamental Concepts*.

Partnership members presented the LELPC at the International Association for Great Lakes Research conference in May at the University of Toledo and at the National Marine Educators Association conference in June. Feedback was solicited at each event and through an online survey.

A team from the Centers for Ocean Sciences Education Excellence (COSEE) began drafting Great Lakes Literacy Principles and Concepts (GLLP). The COSEE team based the Great Lakes Literacy Principles and Concepts on the draft LELPC and the Ocean Literacy Principles.

At the end of 2009, partnership members integrated suggested improvements into the LELPC, and plan on sending them out for another round of scientific and educator review. The principles in their current, draft form are listed to the right.

Lake Erie Literacy Principles and Concepts

1. Lake Erie, one of the five Great Lakes, is a body of fresh water with many features.
2. Natural forces formed and continue to shape Lake Erie and its watershed.
3. Lake Erie influences the local region's weather and climate.
4. The ocean makes Earth habitable; fresh water is a finite resource that sustains life.
5. Lake Erie supports a great diversity of life and ecosystems.
6. Lake Erie and humans in its watershed are inextricably interconnected.
7. Exploration and understanding of Lake Erie is ongoing.
8. Lake Erie is socially, economically and environmentally significant.

Learn more:

ohiodnr.com/LakeErieLiteracy



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2009 Accomplishments

- Coordinated with the **Ohio Lake Erie Commission** on numerous projects including:
 - The **Toledo Harbor Interagency Coordination Team**.
 - The **Ohio Balanced Growth Program**. In 2009, three additional Watershed Planning Partnerships completed Watershed Balanced Growth Plans and had these plans endorsed by the state.
 - Tracking Ohio's project submittals for **Great Lakes Restoration Initiative Funding** and developing a Webpage and factsheet to keep potential applicants and the public informed (*see below*).
 - OCM staff serving as co-chair of the Grants Committee for the **Ohio Lake Erie Protection Fund**. The fund provides small grants up to \$15,000 for projects which will provide a direct benefit to Lake Erie or Ohio's tributary watersheds while promoting environmental protection and economic development. This fund is supported by Ohioans through the purchase of a Lake Erie license plate displaying the Marblehead Lighthouse.
Learn more: lakeerie.ohio.gov
- Participated in the National Oceanic and Atmospheric Administration's (NOAA) monthly Great Lakes coastal management program conference calls and NOAA's Federal Consistency Workshop for **Great Lakes States**. In addition to providing a time for regional collaboration on issues affecting the Great Lakes, the calls help ensure managers in the eight Great Lakes states (*Ohio, Michigan, Illinois, Indiana, Minnesota, Wisconsin, Pennsylvania and New York*) are kept informed of national issues that may impact the coastal programs.



Great Lakes Restoration Initiative funding

In October 2009 President Barack Obama and the U.S. Congress showed their support for environmental improvement by authorizing \$475 million in support of the Great Lakes Restoration Initiative (GLRI). Basin-wide, five focus areas were identified as the highest priorities for which urgent action is required to restore the Great Lakes. Those areas are: Toxic Substances & Areas of Concern; Invasive Species; Nearshore Health and Nonpoint Source Pollution; Habitat and Wildlife Protection and Restoration; and Accountability, Monitoring, Evaluation, Communication and Partnerships.

Through the efforts of the Ohio Lake Erie Commission (OLEC) and its member agencies, the state of Ohio is developing a series of projects for funding through the GLRI. While some of these projects will be completed by state agencies, others will result in funding made available to local groups through competitive re-granting programs.

Ohio's GLRI proposals will remove barriers to restore fish spawning areas, restore

beneficial uses in Ohio's four Areas of Concern, reduce harmful algal blooms, make beaches safer, protect critical habitats, reduce contamination from traditional non-point sources, address emerging contaminants of concern, and track measurable goals through some of the country's best monitoring programs. A fact sheet on projects Ohio plans on submitting for GLRI funding is maintained on the Webpages of the Office of Coastal Management (ohiodnr.com/coastal) and the OLEC (lakeerie.ohio.gov). From either site select Ohio's GLRI logo shown above.



Partnership Projects

Working together for a better Lake Erie

More than 119,000 northern Ohio jobs are directly linked to the Lake Erie-region with visitors spending \$10.7 billion annually in direct sales. Lake Erie provides daily drinking water to more than 3 million Ohioans. The region is also home to a host of highly diverse ecosystems supporting fish, wildlife and plants, including many rare and endangered species.

The watershed includes large and small businesses and industries, world-class institutes of higher-education, residential communities, prime farmland, scenic rivers, lush forests, wetlands, marshes, sand dunes and estuaries.

Learn More: ohiodnr.com/coastal

2009 Accomplishments continued

- Participated in the **Coastal States Organization's** alternative energy workgroup, the performance measures workgroup and the climate change workgroup.
- Participated in the **ODNR Division of Watercraft's** focus groups on recreational boat use and issues and worked with the division to coordinate grant-funded projects in and along Lake Erie.
- Participated in **Biennial Great Lakes Water Quality Agreement** meeting in Windsor, Ontario.
- Continued to serve on the **Old Woman Creek Advisory Council** and the Ohio Coastal Training Program (CTP) Executive Committee. The Ohio CTP plans and supports events that bring scientists, practitioners, and local decision-makers together to share challenges, innovative science and technologies, and success stories.
- In partnership with the **Ohio Coastal Training Program** and Pennsylvania Sea Grant, provided instruction at a best management practices workshop for controlling erosion, sedimentation and recession along Lake Erie's coast and tributaries.
- Participated in the biennial **Ohio Sea Grant** research grant review process and numerous education events at F.T. Stone Lab on Gibraltar Island.
- Served on the **Ohio Clean Marinas Program** advisory board and coordinated various outreach and education events with program staff. This program encourages marinas and boaters to be environmental stewards by making them more aware of environmental laws, rules and best management practices. A successful element of the program is the Shrink-Wrap Recycling Program which has kept more than 1 million pounds of shrink-wrap out of landfills since 2006. Mondo Polymer Technologies turns the plastic into guardrail blocks now seen along many Ohio highways. The recycling program saves participating marinas an average of \$500 per year on refuse collection.
- Hosted an inter-agency conference focused on regulatory authorizations for Lake Erie projects in Ohio. Participating agencies included ODNR, **Ohio EPA, U.S. Army Corps of Engineers, U.S. Fish & Wildlife Service** and the **U.S. Coast Guard**.



A guide to the photos in this document is on the "Publications" page at ohiodnr.com/coastal

2009 Accomplishments

- Equipped the office with **video conferencing** equipment enabling a more productive use of staff time by reducing travel hours and saving on fuel costs. The equipment has also been used by partner agencies to provide educational presentations to schools and as a public site to view presentations.
- Began updating the **Section 309 Assessment and Strategy** document. The plan must be updated every five years in order for Ohio to be eligible to receive Coastal Zone Enhancement Grant Program funding. No state match is required for these federal funds. The update will cover years 2011-2015.
- Created an **Emergency Operations Plan** for the office.
- Conducted emergency preparedness drills and **CPR training** for staff.
- Combined the quarterly meetings and facilitated meetings of the **Integrated Management Team (IMT)** and the Policies and Programs Committee (PPC) in an effort to maximize administrative efficiency and increase collaboration on Lake Erie issues among agencies. The IMT coordinates Ohio Coastal Management Program activities within ODNR. The PPC coordinates coastal activities among Ohio agencies.
- Organized and facilitated quarterly meetings of the **Coastal Resources Advisory Council**. The 19-member council, defined in Ohio Revised Code §1506.12, advises the director on coastal management issues and recommends policies and legislation necessary to preserve, protect, develop and restore or enhance the coastal resources of the state.
- Continued to assist in the development and implementation of an updated **Coastal Regulatory Database**.
- Integrated all Shore Structure and Coastal Erosion Area permit applications received since 1997 into the new Regulatory Database.
- Assisted the ODNR Division of Geological Survey with their **preliminary 2010 Coastal Erosion Area mapping** release by printing and mailing nearly 3,000 letters. OCM also drafted Webpages, press releases and other materials, and coordinated arrangements for the public hearings. The ODNR Division of Geological Survey maps Ohio's coastal erosion areas. The OCM reviews applications for permits to build within the designated coastal erosion areas.
Learn more: ohiodnr.com/CEAm.



Grants Awarded

2009 Accomplishments

- In SFY2009, 10 **Coastal Management Assistance Grants** totaling \$359,168 were awarded; 10 previously funded projects were completed.
- Two **Coastal and Estuarine Land Conservation Program (CELCP)** projects were completed preserving 12 acres of undeveloped Lake Erie waterfront in the city of Port Clinton and 8 acres of riparian woodlands in the village of Bratenahl.
- Three CELCP projects were submitted to NOAA for federal review. Two ranked high enough nationally to be eligible for funding through the Great Lakes Restoration Initiative.
- **2009 Ohio Coastal Management Program grantees** are listed below. Learn more about projects awarded OCMP grants since 1998 by selecting "Grants" at ohiodnr.com/coastal.

Ohio Coastal Management Grants
by Award Category 1998-2009



Area or County	Project Description	Grantee	Grant Amount	Project Cost
Lucas County	Wolf Creek Riparian Corridor	City of Oregon	\$62,391	\$125,399
Ottawa County	Lake Erie's Middle Bass Island Wildlife Area	Put-in-Bay Township Park District	\$50,000	\$322,062
Erie County	Commercial Fishing & Ice Harvesting Exhibit	Sandusky Area Maritime Association	\$5,000	\$20,000
Lake County	Lakeshore Landowners Guide to Lakeside Living	ODNR - Soil and Water	\$5,500	\$13,764
Cuyahoga County	Walworth Run Green Infrastructure Feasibility Study	Northeast Ohio Regional Sewer District	\$50,000	\$106,000
Cuyahoga County	Shoreline Management Plan- Huntington Reservation	Cleveland Metroparks	\$35,147	\$70,305
Lake Erie Watershed	Lake Erie Watershed Habitat GIS Coordination	ODNR Division of Natural Areas and Preserves	\$60,000	\$60,000
Maumee River Watershed counties	Ground Water Potentiometric Surface Mapping in Auglaize, Mercer, Van Wert and Paulding	ODNR Division of Water	\$34,972	\$69,905
Lake Erie Watershed	Balanced Growth Program Training Modules	Ohio Lake Erie Commission	\$22,478	\$22,478
Lake County	Stanton Park Master Plan (Madison Township, Ohio)	Lake County Port Authority	\$10,000	\$21,700
Erie County	Anthony Wayne Hull Survey	Great Lakes Historical Society	\$13,500	\$39,505
Lake Erie Watershed	Wind Energy Avian Studies and Guidelines	ODNR Division of Wildlife	\$35,000	\$35,000
Maumee River Watershed	Water Quality Assessment for the Lower Maumee River Basin	ODNR Division of Water	\$30,822	\$61,644
Ashtabula County	Ashtabula River Watershed Coordinator	ODNR Division of Watercraft	\$64,647	\$129,300
Lorain, Erie and Sandusky counties	Vermilion River Watershed Coordinator	ODNR Division of Watercraft	\$55,184	\$110,700
Lake Erie Watershed	Lake Erie Watershed Coordinator	ODNR Division of Soil and Water Conservation	\$70,000	\$140,000
Lake Erie Watershed	Implementing Balanced Growth Training in Northern Ohio	Ohio Lake Erie Commission	\$24,527	\$98,427
Lake Erie Watershed	Ohio Clean Marinas Program	Ohio State University Sea Grant	\$68,595	\$133,568
Lake Erie Watershed	Implementing the Great Lakes Compact	ODNR Division of Water	\$84,913	\$84,913
Lake Erie Watershed	Coastal Nonpoint Pollution Control Program	ODNR Division of Soil and Water	\$67,000	\$134,000
TOTALS for 2009			\$849,676	\$1,798,670

Grant Type, Total Amount Awarded in Category in 2009 (Percent of TOTAL Grants Awarded) CELCP grants are not included in the table above.

Acquisition \$112,391 (13.2%) Education \$10,500 (1.2%) Planning \$212,597 (25%) Restoration \$0 (0%)

Research/Monitoring \$79,322 (9.3%) Construction \$0 (0%) Watershed Planning \$434,866 (51.3%)

The Office of Coastal Management has three funding sources. The office does not receive General Revenue Funds.

Fund #3P30: Ohio receives approximately \$2 million annually from the National Oceanic and Atmospheric Administration to implement the federally approved Ohio Coastal Management Program. This money must be matched with non-federal funds on a 1:1 basis. A portion of this funding is used for the Coastal Management Assistance Grants program.

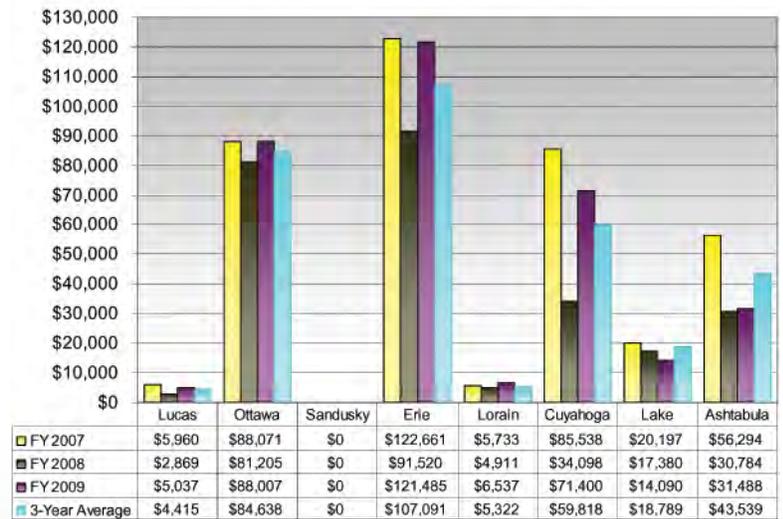
Fund #5140: This funding is from royalties collected from companies mining salt under Lake Erie and from the mining of sand and gravel from the bed of Lake Erie. The amount collected is based on the quantity mined.

Fund #6970: This revenue is from submerged lands leases for projects occupying the territory of Lake Erie. Fifty percent of collected fees are returned to the local jurisdiction (village, city, county or port authority).

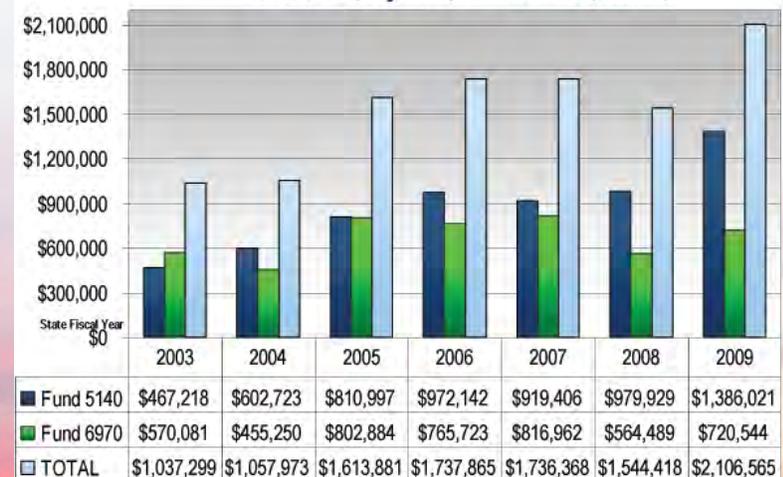
Since 1998, the Office of Coastal Management has annually awarded approximately \$1 million in grants to help implement the 41 management policies in the Ohio Coastal Management Program Document. The total annual amount awarded varies. The chart on page 11 lists grants awarded in calendar year 2009 from one or more fiscal years' funding. The grants are organized by type of project.

2009 Revenue Sources	Amounts
Fund #3P30:	\$2,116,000
Coastal Zone Management, Section 306	\$1,869,000
Coastal Zone Management, Section 309	\$180,000
Coastal Zone Management, Section 310	\$67,000
Fund #5140:	\$1,386,021
Fund #6970:	\$720,544
Total (State FY 2009)	\$4,222,797

Submerged Lands \$ Returned by County by Fiscal Year
Three Year Total for All Counties: \$985,265



State Fiscal Year Totals
Fund 5140 (Royalties) + Fund 6970 (Leases)



Ohio Department of Natural Resources Office of Coastal Management

105 West Shoreline Drive, Sandusky, Ohio 44870

1- 888-Ohio-CMP | coastal@dnr.state.oh.us | ohiodnr.com/coastal

Governor: Ted Strickland | Director: Sean D. Logan | Chief: John Watkins, P.E.