

# Pennsylvania

# FY '08

## COASTAL ZONE MANAGEMENT FUNDING

### Mission Statement

The mission of Pennsylvania's Coastal Resource Management Program (PCRMP) is to "protect and enhance fragile natural resources by reducing conflicts between competing land and water uses while representing a comprehensive approach to managing the impacts of development and other activities on coastal areas."

### Program's Goals and Objectives

- To enhance the Commonwealth's capacity to manage the natural, recreational, and historic resources of its two geographically distinct Coastal Zones and coastal watersheds.
- To integrate State Water Plan, CNPP and other efforts into a comprehensive vision and action agenda based on principles of watershed management and protection of coastal ecosystems.
- To recognize and protect the resources of estuaries and wetlands.
- To operate through a network of federal, state and local partners, coordinating public participation and providing funding and technical support for projects that protect, conserve and enhance coastal resources.

### Key Accomplishments

- PCRMP worked with the Council of Great Lakes Governors helping assure Coastal Resource Management retains its profile with Congress.
- PCRMP staff completed a pilot analysis using LiDAR to determine western Lake Erie bluff recession rates on a 6.5 mile study area. PCRMP funded high-altitude color infrared aerial photography (CIRAP) and oblique photography of Pennsylvania's coastal regions. Copies of the digital photographs were distributed to 28 different organizations. PCRMP completed 2008 high altitude color infrared aerial photo analysis of wetland impacts in the Delaware Estuary. Over 15,000 acres and 1,200 individual wetland polygons were examined. CRM also completed 2008 high altitude color infrared aerial photo analysis of wetland impacts in the Delaware Estuary.
- In partnership with water planning committees, PCRMP assisted in drafting a comprehensive update to the State Water Plan.
- PCRMP completed initial public hearings of proposed rulemaking as part of updating bluff recession setback regulations.

### Priorities and Needs

- Continue to develop the State Water plan, with an emphasis on integrating Coastal Zone issues;
- Complete the Coastal Wetlands Inventory and other indicator databases for both Coastal Zones;
- Continue to support the seven Conservation Districts and the Philadelphia Water Department in implementing the CNPP program in the eight counties comprising two Coastal Zone watersheds;
- Increase efforts to address invasive species within Coastal Watersheds;
- Planning resources are needed to help address increased development / redevelopment pressures and other activities along Pennsylvania's Coasts; and
- More resources are needed to address non-point source pollution, in order to continue the ongoing successes of improving and enhancing coastal resources.

A program of the  
Department of  
Environmental  
Protection, Water  
Planning Office

Coastal Population in 2000  
2,946,892

Miles of Coastline:  
140

Coastal and Ocean  
Economy in 2000:  
\$2,867,222,029\*

CZMA Funds:  
\$2,055,000

State and other matching  
funds:  
\$1,883,000

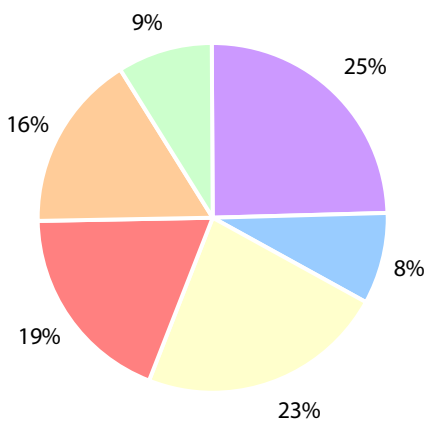
Total:  
\$3,938,000



\* Based on available data provided by  
The National Ocean Economic  
Program  
[www.oceaneconomics.org](http://www.oceaneconomics.org)  
Gross State Product of coastal zone  
counties, represented by the ten or  
eleven super sectors as defined by the  
Bureau of Labor Statistics (BLS)



## How was the money spent?



Total Funds  
\$3,938,000

### Coordination and Public Involvement - \$970,276 (25%)

- Funding a project with Partnership for the Delaware Estuary and the Philadelphia Water Department to conduct Pennsylvania Coast Day 2008 events at Penn's Landing to educate the public and to showcase the efforts of each state's respective Sea Grant program.
- Funding project for watershed action training with educators located in the Delaware Estuary Coastal Zone, supporting teachers and students as they identify and address watershed issues.
- Funding a proposal to extend the Earth Force program in the PA Lake Erie Coastal Zone with a special focus on pollution prevention focusing on non-point source pollution, urban runoff and pharmaceutical disposal.

### Public Access - \$891,312 (23%)

- Funding a project to construct 145 linear feet of floating dock space for transient boaters on the southern dock wall of West Dobbins Landing in Lake Erie.
- Funding a project for the planning and design of the Schuylkill Trail through Bartram's Garden (East Coast Greenway).
- Funding project to remove dilapidated piers and structures from 750 ft of Presque Isle Bay to make this area accessible to the public and allow for increased recreational use along the Bayfront Parkway.
- Funding a master site plan for public access to Elk Creek, enhancing a steelhead fishing stream and preserving a natural green area.

### Community Planning and Development - \$344,995 (9%)

- Continued funding of the Delaware Valley Regional Planning Commission (DVRPC).
- Continued funding of the Erie County Department of Planning.

### Coastal Habitat Conservation and Restoration - \$646,778 (16%)

- Invasive species management.
- Continued funding for Pennsylvania's Sea Grant program to enhance the state's ability to more effectively manage coastal aquatic and terrestrial habitat restoration efforts and other coastal zone activities within the state's two coastal zones and their related watersheds.
- Monitoring of coastal wetlands changes for enforcement purposes using annual color infrared aerial photography along with GIS wetland polygon layers and digital transfer technology.

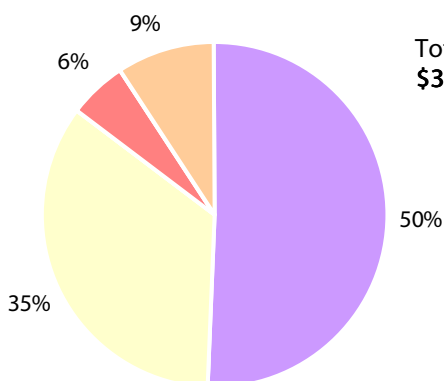
### Coastal Hazards - \$334,696 (8%)

- Providing on-site technical assistance to Lake Erie property owners affected by shoreline erosion and bluff recession.
- Providing financial support for Lake Erie municipalities to administer and implement activities in accordance with the Bluff Recession Setback Act.
- Providing support for implementation of Coastal Non-point Pollution Program.
- Funding a proposal to conduct a feasibility study of piers 67, 68 and 70, exploring the possibility of restoring wetlands and creating an open space resource while providing new public access to the Delaware River.

### Coastal Water Quality Protection - \$749,943 (19%)

- Funding a project to purchase the conservation easement of a 14.35 acre parcel with 850 feet of Lake Erie Coastline improving public recreational access and providing a scenic vista along the Seaway Trail.
- Funding a project to create an open space and recreational master plan for the former Westinghouse industrial site along the Delaware River.
- Funding an educational project to expand the Walnut Creek Water Monitoring Network by implementing a watershed nature camp for middle school age children.
- Funding a project to assess Little Crum Creek which includes a geomorphic assessment of the stream, review of available open space, and review of non-point source pollution.

## Who received the funds?



Total Funds  
\$3,938,000

### State Partners - \$1,995,373 (50%)

- Erie County Convention Center Authority - Floating dock

### Other Partners - \$1,362,427 (35%)

- Harborcreek Township - Conservation easement

### Community and Other Technical Assistance - \$223,200 (6%)

- Tincum Township - Industrial site restoration

### Community Grants - \$357,000 (9%)

- Erie County Department of Planning - Public access

### OTHER PARTNERS

Coastal Cities, Coastal Counties, Department of Conservation and Natural Resources, Sea Grant, County Conservation Districts, Philadelphia Water Department, Erie County Department of Planning, Delaware Valley Regional Planning Commission, Partnership for the Delaware Estuary, Delaware County Planning Department, Philadelphia Regional Port Authority, Erie-Western PA Port Authority, Lake Erie-Allegheny Earth Force

### FOR MORE INFORMATION

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