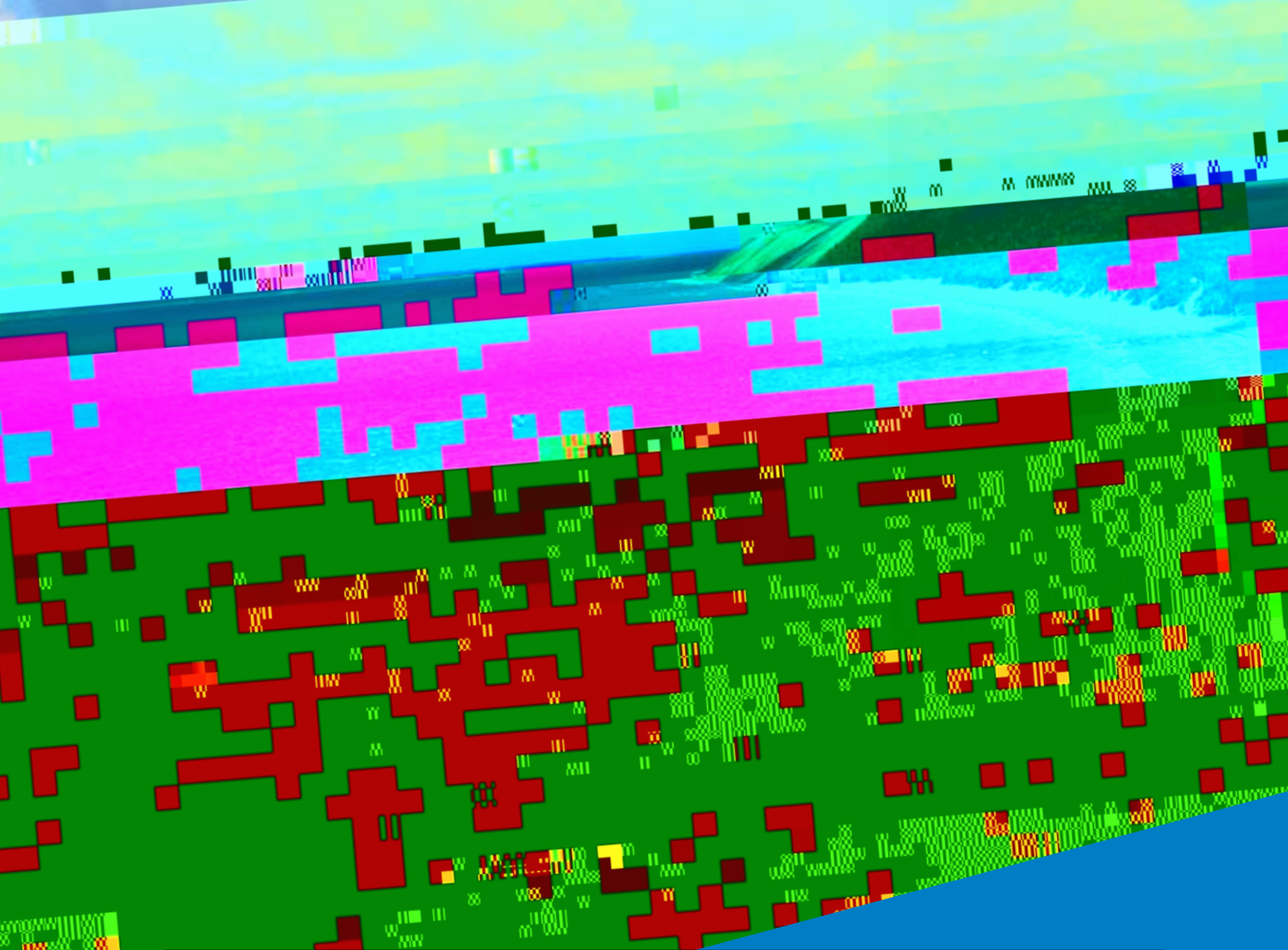


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James Tierne , Chair
Assistant Commissioner
for Water Resources





Responding to an ecological threat to the Great Lakes potentially as great as lamprey eels and zebra mussels, the Great Lakes Commission took a leadership position in 2010 to prevent Asian carp from being the next catastrophic invader.

At its 2010 semiannual meeting in Washington, D.C., the Commissioners adopted a resolution recognizing ecological separation as the best long-term solution to the threat of Asian carp and other species moving between the Mississippi River and the Great Lakes. The Commission then partnered with the Great Lakes and St. Lawrence Cities Initiative on a project that will identify engineering options for Chicago's waterway system that will prevent interbasin movement of aquatic invasive species such as Asian carp, while also modernizing the system's roles in commercial navigation, recreational boating, food and stormwater management, and water quality.

The \$2 million project, *Envisioning a Chicago Area Waterway System for the 21st Century*, is being supported by six funders: the Frey Foundation, the Great Lakes Fishery Trust, the Great Lakes Protection Fund, the Joyce Foundation, the C.S. Mot Foundation, and the Wege Foundation.

HDR Engineering, Inc. was selected as the lead consultant for the project and has assembled a national, multidisciplinary technical team with expertise in hydrology and hydraulics; environmental engineering; lock, dam and canal engineering; ecology and fisheries biology; transportation planning and commercial logistics; sanitary engineering; regional planning; and economics.

Movement of two Asian carp species up the Mississippi River system over the past two decades has prompted measures to stop them from entering the Great Lakes via the Chicago Sanitary Ship Canal, the only direct link between the Mississippi and Great Lakes watersheds. The primary deterrent has been construction of two electronic fish barriers on the canal. Discovery of eDNA from the carp, and one live adult fish, beyond the barriers in 2010 brought a heightened sense of urgency to the situation.

Both the Great Lakes Commission and the Cities Initiative have taken positions favoring separation as the best approach to keep the invasive fish from entering the Great Lakes and threatening businesses, tourism and a \$7 billion sport fishery. The Chicago waterway project will evaluate the economic, technical and ecological elements of separation, along with associated costs, impacts and potential benefits of a re-engineered hydrologic system.

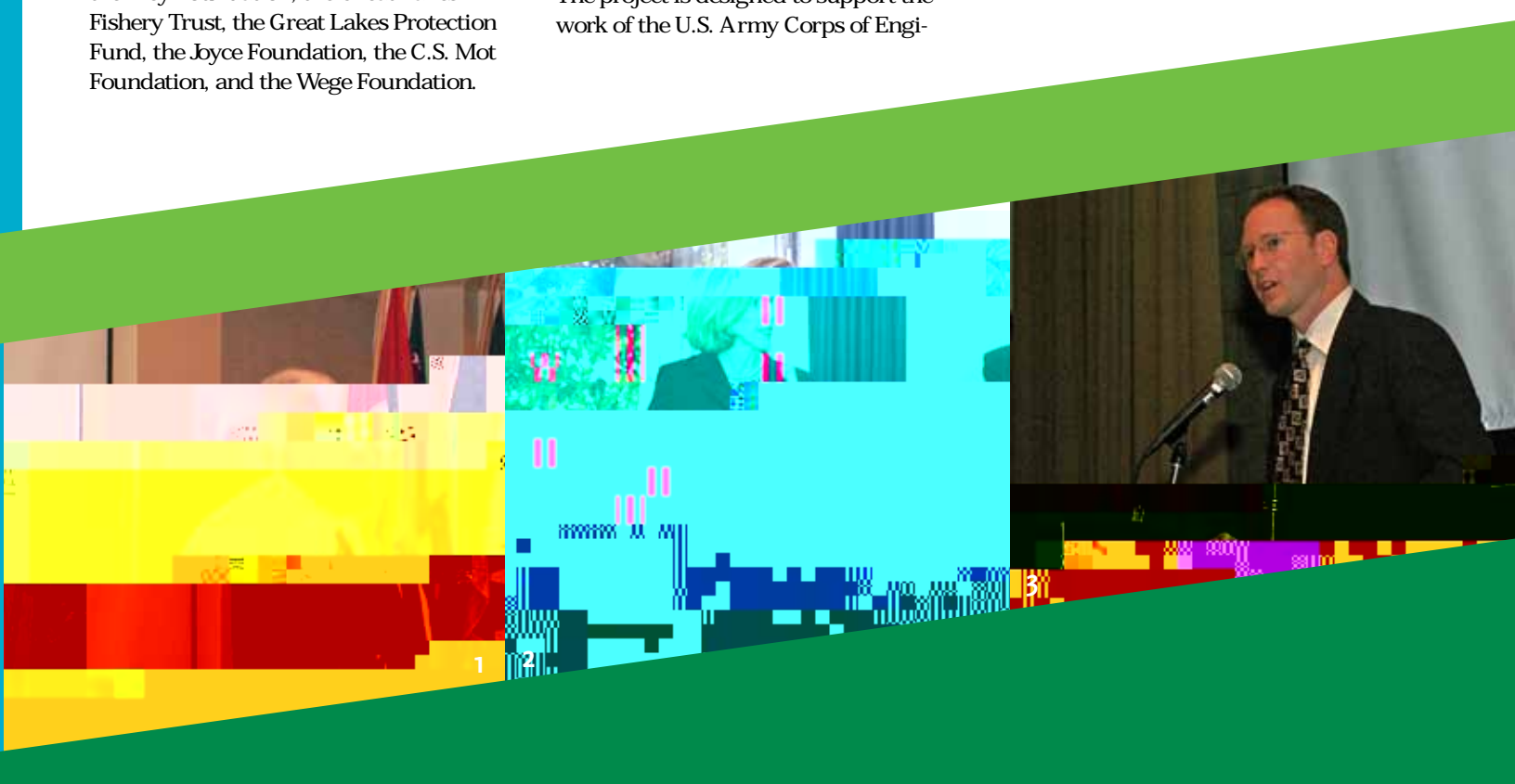
The project is designed to support the work of the U.S. Army Corps of Engi-

neers' Great Lakes and Mississippi River Interbasin Study, but is committed to produce findings on a more accelerated schedule with completion expected by January 2012.

Great Lakes Day 2010 on Capitol Hill focused on opportunities, namely the second funding cycle of the Great Lakes Restoration Initiative (GLRI), and issues, particularly the growing threat of Asian carp to the Great Lakes ecosystem.

Great Lakes Day events included the Great Lakes Commission's 2010 Semiannual Meeting which was called to order by the then-chair of the Commission, Illinois Gov. Pat Quinn, and featured high level speakers including Cameron Davis, senior advisor to EPA Administrator Lisa Jackson; Peter Silva, U.S. EPA assistant administrator for water; Jo-Ellen Darcy, assistant secretary for civil works, U.S. Army Corps of Engineers; and Ann Mills, deputy undersecretary, U.S. Department of Agriculture.

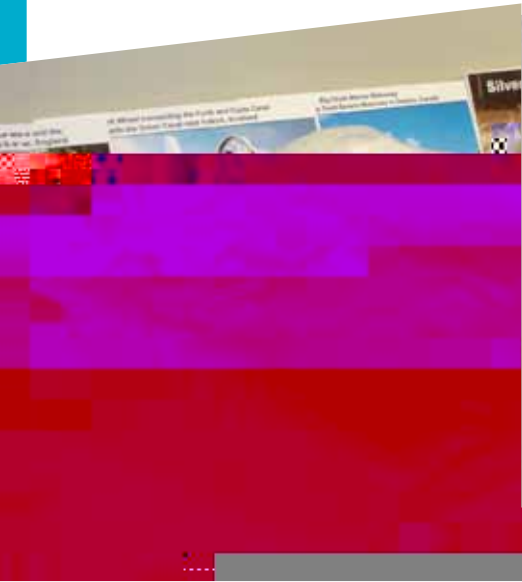
In a unanimously supported resolution, the Commission called on Congress and the U.S. Army Corps of Engineers to embrace a clear goal of ecological separation



a number of members of the Great Lakes Congressional Delegation, including Reps. Vern Ehlers and Mark Schauer of Michigan, Marcy Kaptur of Ohio and Kathy Dahlkemper of Pennsylvania. One of the less distinguished, but most attention-grabbing attendees of the breakfast was an actual Asian carp on ice, displayed to highlight the concern in the Great Lakes over aquatic invasive species.



With almost all of the Great Lakes Commission's member states and provinces banking heavily on wind to meet their goals for alternative energy and to help rejuvenate economies, the Commission continued to provide leadership in 2010 in the reo er ie o i J f tak cecehead n meC c



2010

The great majority of Commission programs and projects are pursued in partnership with other agencies and organizations, and benefit from their funding support. A listing of 2010 funders and supporters is provided below. Thanks to all for their TM v r ith other g

2010

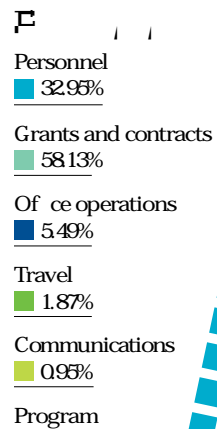
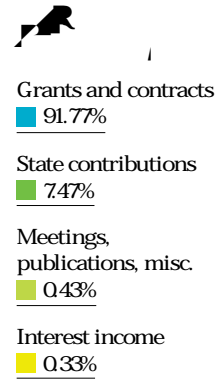
The Great Lakes Commission concluded FY 2010 in sound financial condition, with operating revenues of \$6.42 million. Expenses exceeded revenues by \$42,495, less than 1 percent.

Overall, the Commission continues to effectively manage its general and restricted funds to achieve the goals and objectives of the organization.

These figures were confirmed by an independent audit, which is conducted each year to examine the Commission's financial operations. The 2010 fiscal year ended June 30, 2010.

Grants and contracts	\$ 5,895,108
State contributions	480,000
Meetings, publications, misc.	27,490
Interest income	20,883
Total	\$ 6,423,481

Personnel	\$ 2,130,475
Grants and contracts	3,758,751
Office operations	354,655
Travel	120,846
Communications	61,704
Program activities	39,545
Total	\$ 6,465,976



2010

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Marc Miller,

Illinois Dept. of Natural Resources
Joe Deal, *City of Chicago*
Steven M. Powell,
United Food and Commercial Workers
Gov. Patrick Quinn
Douglas P. Scot, *Gov. Appointee*
Kimberly J. Walz,
Illinois Fifth Congressional District
Alternates
Pat Carey, *City of Chicago*
Gary Clark,
Illinois Dept. of Natural Resources
Dan Injerd,
Illinois Dept. of Natural Resources

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Sean D. Logan,

Ohio Dept. of Natural Resources
Hon. Timothy J. Grendell, *State Senator*
Christopher Korleski,
Ohio Environmental Protection Agency
Hon. Dennis Murray, *State Representative*
James Weakley, *Lake Carriers' Association*
Alternates
John D. Baker,
International
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Asso / nat kection n

Kari Bennet,

Indiana Utility Regulatory Commission
Robert E. Carter, Jr.,
Indiana Dept. of Natural Resources
Thomas W. Easterly, *Indiana*
Dept. of Environmental Management
Ron McAhron,
Indiana Dept. of Natural Resources
Jody W. Peacock, *Parts of Indiana*

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Ken DeBeussaert, *Michigan Dept. of Natural Resources and Environment*

Hon. Patricia Birkholz, *State Senator*
Lt. Gov. John D. Cherry, Jr.
Hon. Mike Cox, *Atorney General*
Curtis Hertel,
Detroit/Wayne County Part Authority
Alternates
Peter Manning,
Dept. of the Atorney General
Gary Owen,
Of ce of the Lieutenant Governor

Hon. Thomas Huntley,

State Representative
Hon. Bill G. Ingebrigtsen, *State Senator*
Hon. Morrie Lanning,
State Representative
Ed Oliver, *Gov. Appointee*
Hon. Yvonne Pretner Solon,
State Senator
Alternates
Dick Lambert,
Minnesota Dept. of Transportation
Cal Larson, *Gov. Appointee*

Alexander B. Grannis, *New York State*

Dept. of Environmental Conservation
Philip Reed, *Gov. Appointee*
James M. Tierney, *New York State*
Dept. of Environmental Conservation
Donald Zelazny, *New York State*
Dept. of Environmental Conservation

Delegation chairs are in **bold**.



