

GREAT LAKES PROTECTION FUND

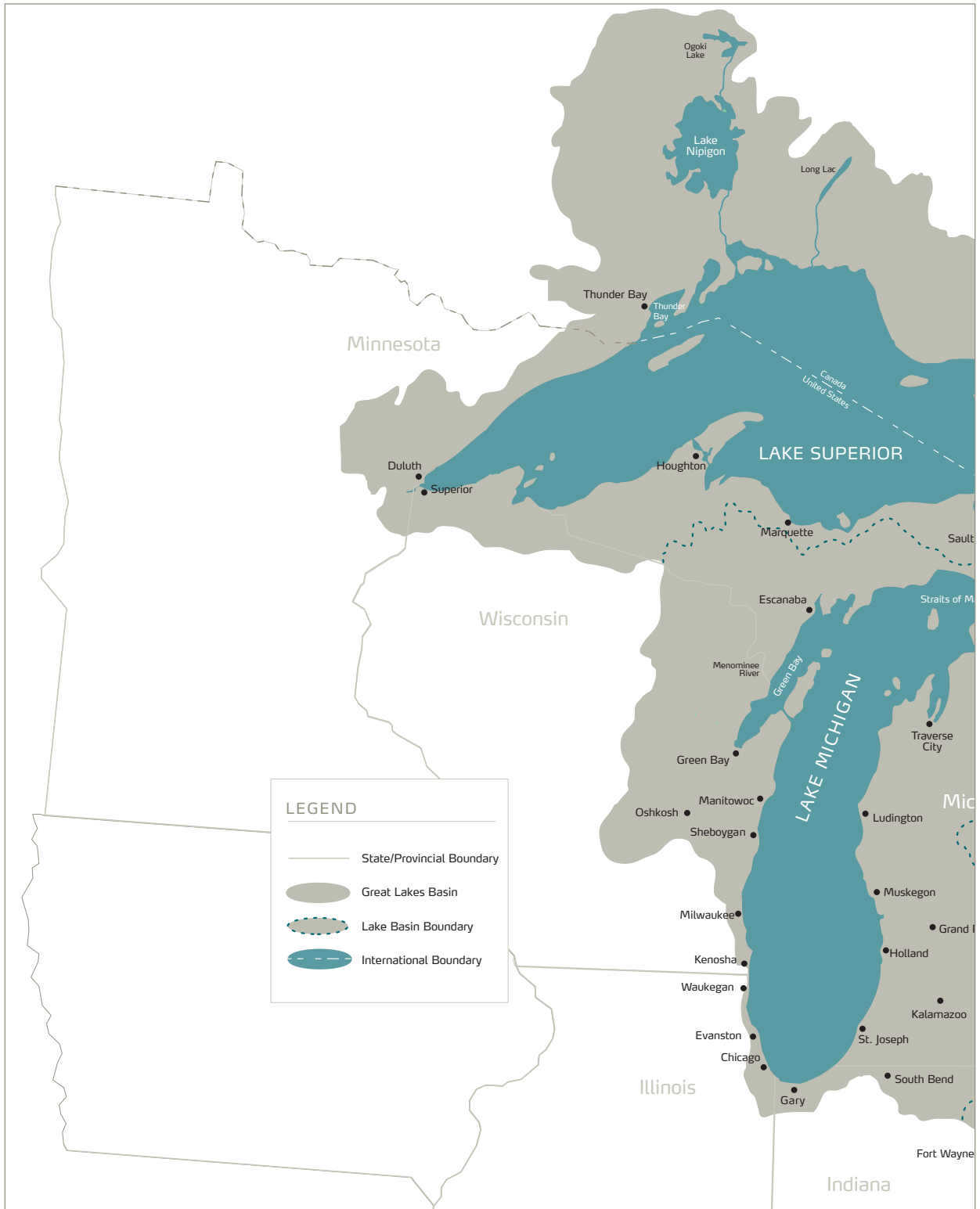
IDEAS IN ACTION

Identify, demonstrate, and promote
regional action to enhance the health of the
Great Lakes ecosystem.

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Great Lakes Basin





Overview

The Governors of the Great Lakes States created the Fund in 1989 to help them protect and restore their shared natural resource. The Fund is the first **private, permanent endowment** created to benefit a specific ecosystem. It is designed to support the creative work of **collaborative, multi-disciplinary project teams** that test new ideas, take risks, and share what they have learned. The Fund's Board of Directors favors project teams that produce **tangible results**, apply innovative strategies, and create new **linkages between environmental and economic health**.

Seven Great Lake States have contributed **\$81 million** to the Fund's permanent endowment.

The Fund's Board of Directors is elected by the Governors of the member States. The Board has four primary duties:

1. Invest the endowment to generate a permanent **income stream** and to maintain the endowment's purchasing power over time.
2. Remit a percentage of the Fund's annual income directly to the member **States** for their **discretionary use**.
3. Build and **support project teams** that identify, demonstrate, and promote regional action to enhance the health of the Great Lakes ecosystem.
4. Monitor the portfolio of regional projects to **ensure** they are **successful**, modified when necessary, or terminated if they are not creating value for the ecosystem.

The Fund does not provide general operating support and does not support lobbying, litigation, or activities which are the responsibility of government.

Members of the Corporation Since Fund Inception

GOVERNOR OF ILLINOIS

Rod R. Blagojevich
George H. Ryan
Jim Edgar
James R. Thompson

GOVERNOR OF MICHIGAN

Jennifer M. Granholm
John Engler
James J. Blanchard

GOVERNOR OF MINNESOTA

Tim Pawlenty
Jesse Ventura
Arne H. Carlson
Rudy Perpich

GOVERNOR OF NEW YORK

Eliot Spitzer
George E. Pataki
Mario M. Cuomo

GOVERNOR OF OHIO

Ted Strickland
Bob Taft
George V. Voinovich
Richard F. Celeste

GOVERNOR OF PENNSYLVANIA

Edward G. Rendell
Mark S. Schweiker
Thomas Ridge
Robert P. Casey

GOVERNOR OF WISCONSIN

Jim Doyle
Scott McCallum
Tommy G. Thompson

Board of Directors Since Fund Inception

Todd Ambs

Madison, Wisconsin

2003 – present

John T. Anderson

Chicago, Illinois

1993 – 1999

R. Darryl Banks, Ph.D.

Albany, New York

1989 – 1992

Kathleen Barber, Ph.D.

Cleveland, Ohio

1989 – 1992

Jeffrey Busch, Ph.D.

Toledo, Ohio

1992 – 2004

Ken DeBeaussaert

Lansing, Michigan

2003 – present

Donald DiPlacido

Erie, Pennsylvania

1989 – 1992

Anthony Earl

Madison, Wisconsin

1989 – 2003

Michael Elmendorf

Albany, New York

2002 – present

Alan Fish

Madison, Wisconsin

2004 – present

Sandra Gardebring

Shoreview, Minnesota

2000 – 2003

Caren Glotfelty

Pittsburgh, Pennsylvania

2007 – present

Edwin Hammett

Toledo, Ohio

2005 – present

Russell Harding

Haslett, Michigan

2003

Scott Harrison

Lutsen, Minnesota

2003 – present

A. Bart Holaday

Chicago, Illinois

1999 – 2006

Diane Jensen

Lino Lakes, Minnesota

1989 – 1992

H. Martin Jessen

Eden Prairie, Minnesota

1989 – 1994

Craig Kennedy

Chicago, Illinois

1989 – 1993

David Ladd

Lansing, Michigan

2001 – 2003

Brian Lipke

Derby, New York

1995 – 1998

Pat Lupo, OSB

Erie, Pennsylvania

1989 – present

W. Duncan MacMillan

Minneapolis, Minnesota

1992 – 1994

Leslie Maeby

Stillwater, New York

2000 – 2002

Thomas Martin

Brighton, Michigan

1989 – 1991

G. Tracy Mehan

Okemos, Michigan

1997 – 2001

Clifford Messinger

Vernon, Wisconsin

1989 – 1990

Gerald Mikol

Buffalo, New York

1998 – 2006

Matthew Millea

Albany, New York

2006 – present

Patrick Osborne

Madison, Wisconsin

1991 – 2003

James Park

Loami, Illinois

1989 – 2003

Patrick Quinn

Chicago, Illinois

2006 – present

Roy Ray

Akron, Ohio

2005 – present

Jeffrey Reutter, Ph.D.

Columbus, Ohio

1992 – 2004

Dennis Schornack

Williamston, Michigan

1991 – 2002

Ronald Scrudato, Ph.D.

Oswego, New York

1989 – 1995

Craig Shaver

Minneapolis, Minnesota

1996 – present

Maureen Smyth

Flint, Michigan

1989 – 1996 and 2003 – present

David Sterrett

Erie, Pennsylvania

1992 – 1995

David Vaught

Naperville, Illinois

2006 – present

Wayne Warren

Columbus, Ohio

1989 – 1992

Henry Williams

Guilderland, New York

1992 – 1997

Susan Wilson

Wayzata, Minnesota

1995 – 1999

Peter Wise

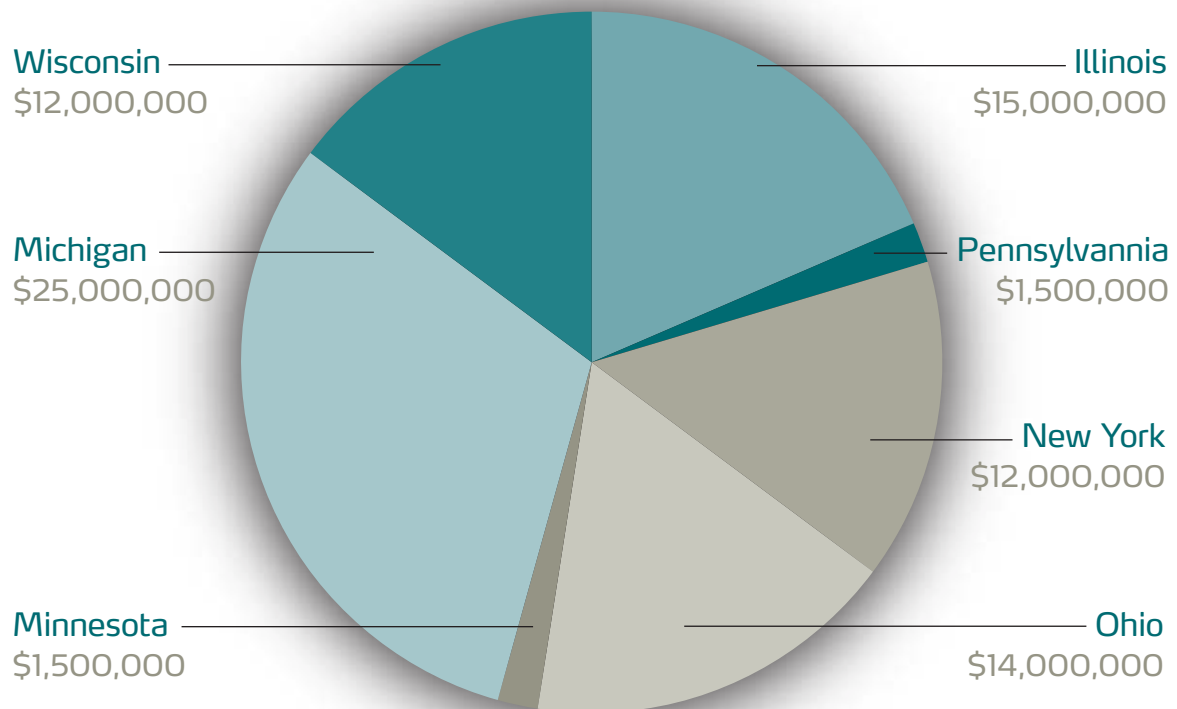
Chicago, Illinois

2004 – 2006



BATCHEWAUNG LAKE, QUETICO PROVINCIAL PARK, ONTARIO

One-Time State Contributions



Financial Snapshot

As Of December 31, 2006

| | |
|--|---------------|
| Fair Market Value of Endowment | \$135,516,117 |
|--|---------------|

| | |
|-----------------------|--------------|
| Grants Paid | \$41,299,044 |
|-----------------------|--------------|

| | |
|-----------------------------|--------------|
| State Shares Paid | \$37,522,070 |
|-----------------------------|--------------|

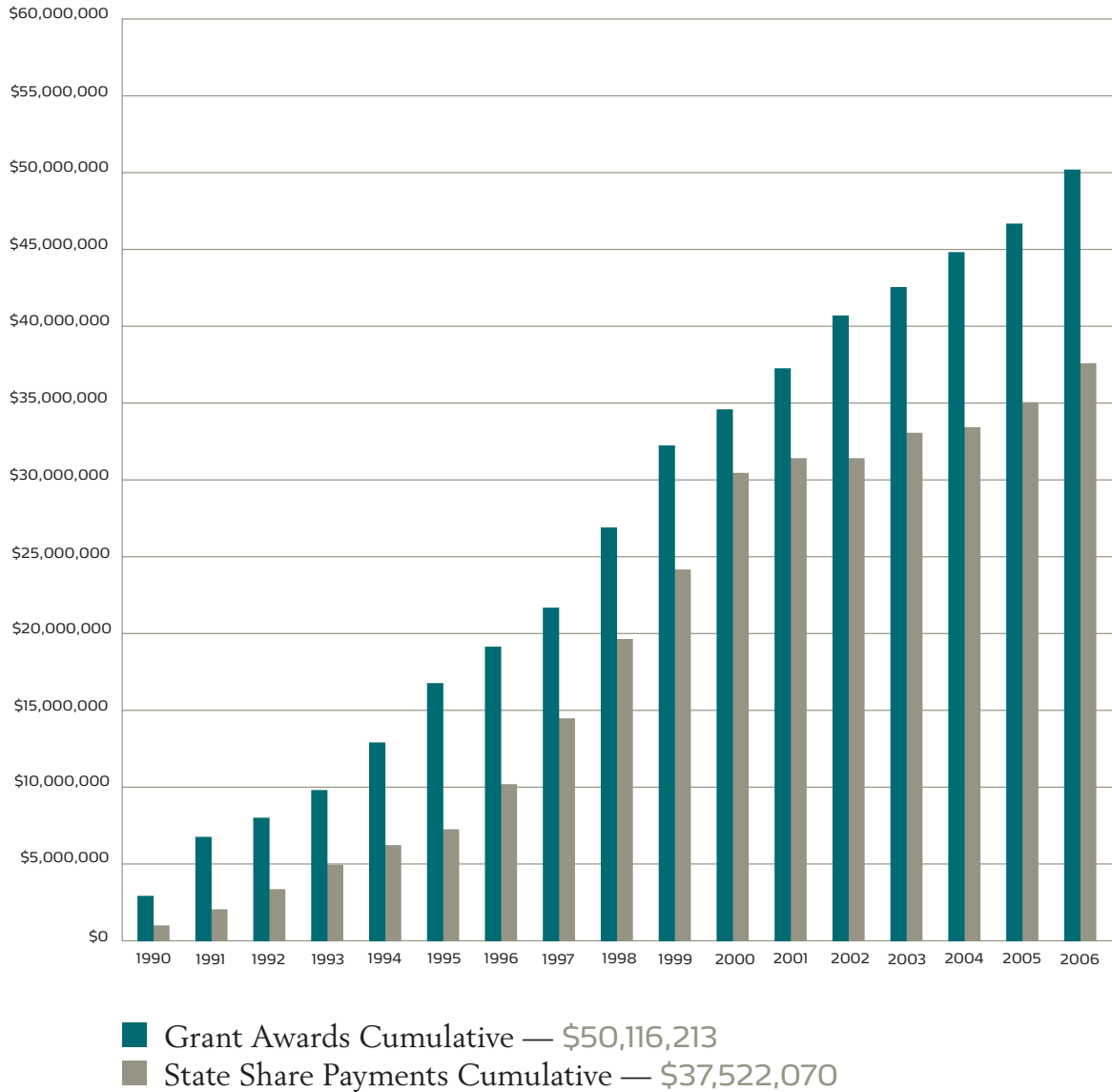
| | |
|--|--------------|
| Total Fund Payouts Since Inception | \$78,821,114 |
|--|--------------|

| | |
|---|------|
| Annualized Return Since Inception | 9.5% |
|---|------|

| | |
|---|-------|
| Payouts as Percent of State Contributions | 97.3% |
|---|-------|

| | |
|---------------------------------|------|
| Average Annual Payout | 6.1% |
|---------------------------------|------|

Regional Grant Awards and State Shares



Detailed Financial Information

| | GRANTS AWARDED | GRANT PAYMENTS | STATE SHARES | FMV OF ENDOWMENT |
|---------------|---------------------|---------------------|---------------------|---------------------|
| 1990 | 2,886,048 | 118,772 | 963,501 | 47,080,649 |
| 1991 | 3,837,000 | 1,456,549 | 1,049,998 | 59,205,195 |
| 1992 | 1,244,500 | 2,604,764 | 1,308,732 | 68,825,636 |
| 1993 | 1,798,000 | 1,948,829 | 1,593,050 | 87,743,119 |
| 1994 | 3,096,250 | 1,666,165 | 1,270,795 | 81,261,231 |
| 1995 | 3,859,450 | 2,774,262 | 1,029,660 | 93,917,566 |
| 1996 | 2,368,000 | 3,108,191 | 2,932,876 | 103,938,539 |
| 1997 | 2,536,965 | 3,366,299 | 4,282,563 | 119,651,681 |
| 1998 | 5,217,000 | 2,659,600 | 5,158,534 | 127,507,743 |
| 1999 | 5,332,000 | 2,333,025 | 4,519,436 | 137,280,887 |
| 2000 | 2,347,000 | 2,490,657 | 6,284,398 | 133,758,251 |
| 2001 | 2,668,000 | 2,670,362 | 956,431 | 119,177,517 |
| 2002 | 3,438,000 | 3,661,678 | 0 | 95,256,042 |
| 2003 | 1,847,000 | 3,440,046 | 1,649,291 | 112,813,140 |
| 2004 | 2,273,000 | 1,817,278 | 366,094 | 119,791,225 |
| 2005 | 1,854,000 | 2,799,027 | 1,624,037 | 122,444,731 |
| 2006 | 3,514,000 | 2,383,540 | 2,532,674 | 135,516,117 |
| Totals | \$50,116,213 | \$41,299,044 | \$37,522,070 | |

| | REQUIRED CONTRIBUTION | CUMULATIVE STATE SHARES |
|---------------|--------------------------|----------------------------|
| Illinois | 15,000,000 | 4,550,802 |
| Michigan | 25,000,000 | 13,225,577 |
| Minnesota | 1,500,000 | 716,130 |
| New York | 12,000,000 | 5,590,681 |
| Ohio | 14,000,000 | 6,930,368 |
| Pennsylvania | 1,500,000 | 743,824 |
| Wisconsin | 12,000,000 | 5,764,688 |
| Totals | \$81,000,000 | \$37,522,070 |

State Shares are calculated for each individual year and are one-third of realized revenue less operating expenses, excluding grants.



SANDSTONE NEAR MINERS BEACH,
PICTURED ROCKS NATIONAL LAKESHORE, LAKE SUPERIOR

Fund Project Activity

Through December, 2006 the Fund has supported 211 projects that identify, demonstrate, and promote regional action to restore the health of the Great Lakes ecosystem. These projects represent an investment of \$50,116,213 and have involved people in over 800 different institutions.

Project teams develop innovative means of achieving the Governors' Great Lakes priorities. By design, these projects are collaborative—involving all interests in a particular issue. Industry, scientists and engineers, government agencies, citizens, and academic institutions are typically team members in a Fund-supported effort. Not only are projects run by multi-institution teams, the work usually takes place throughout the basin. No one jurisdiction is the “home” for a Fund project. The projects focus on action—designing and testing the practical things that must be done to make the Lakes healthier.

The Great Lakes Governors, through projects supported by their Protection Fund, have led the world in protecting and restoring the health of water resources. For example, the Fund financed the world's first installation

of filters to keep invasive species out of ships' ballast water. The project team, made up of shipping companies, the Lake Carriers' Association, policy experts, private industry, university scientists, government agencies, and communication experts, first designed the system and created the monitoring and evaluation protocols. Next, they fabricated, installed, operated, and tested the technology. This team found that filters can remove more than 90% of invaders. They also spawned a new, regional industry to build and sell ballast treatment technologies. While it did not build a perfect treatment system, this team launched a global effort to control invasive species and put the Great Lakes States at the center of providing solutions.

Other project teams have created sets of practical, cost-effective guidelines for removing failing dams on Great Lakes tributaries and elsewhere. The Commonwealth of Pennsylvania and the State of Wisconsin now lead the country in the identification and removal of unsafe dams and the restoration of the streams and rivers that were impounded behind them. The State of Ohio has created a stream restoration

market place where the financing of dam removals is undertaken by those entities responsible for stream disrupting activities—such as bridge building. Another project team that included power companies, government agencies, conservation organizations, scientists, engineers, and academics restored over 1,500 miles of Great Lakes tributaries to health by altering the operation of hydroelectric dams. This work contributed to a nation-wide emphasis on cooperative evaluation of hydroelectric facilities.

The Fund's portfolio of supported work as of June 2007 includes 17 individual projects involving more than 130 different institutions. A total of over \$8.8 million is invested in these efforts. Work is focused on four areas that support the Governors' priorities: preventing biological pollution, restoring natural flow regimes, using market approaches, and ecosystem restoration leadership.

In the upcoming year(s), the Fund will launch new efforts to stop the introduction of exotic species, create new methods to finance activities to restore the health of the Great Lakes, and inform

choices made outside of the watershed that impact its health. The Fund does not pay for tasks that are the responsibility of government or entities that government regulates.

The top vectors for the introduction of invasive species are vessels from foreign ports and the canal systems upon which they travel. The Fund will support work that identifies specific risks, develops control strategies, and tests the effectiveness of those approaches. This work will be carried out by collaborative teams and—like all Fund-supported projects—will focus on putting ideas into action rather than on putting ideas onto paper.

The 2005 Great Lakes Regional Collaboration's draft *Strategy to Restore and Protect the Great Lakes* identified over \$20 billion in investments necessary to begin work on high priority restoration opportunities in the next five years. At a minimum, the state and local share of these funds will approach \$9 billion. Of that amount, over 85% is dedicated to capital projects such as wetland creation, stream restoration, sewer construction and repair, upgrading or repairing drinking water

infrastructure, and constructing manure handling and treatment systems. In addition, many one-time projects, such as dam removal or sediment clean-up, are also necessary steps in a basin-wide restoration program. While the Fund cannot afford to pay for these public works projects, it can and will seek proposals to help test new financing strategies. Project proposals can develop new bonding, increment financing, and other mechanisms, and—ultimately—examine their effectiveness.



CASCADE FALLS, PUKASKWA NATIONAL PARK,
LAKE SUPERIOR

Funding Guidelines

All proposed projects must meet certain guidelines to be eligible for funding. The ultimate criterion used to select projects is the anticipated benefit to the health of the Great Lakes ecosystem. Projects must identify a significant, tangible ecological outcome and a pragmatic plan to achieve it. Proposals should identify the expected outcome of the work to be undertaken as precisely as possible. Additional project design resources are available on our web site.

The Fund prefers to support projects that take concrete actions to achieve basin-wide ecological results. Support for activities such as conferences, environmental education, and basic scientific or policy research will be considered only when they are part of a broader, regional action strategy that is designed to impact the entire ecosystem.

Projects must supplement existing efforts to protect and restore the health of the Great Lakes ecosystem. The Fund will not support projects that duplicate ongoing initiatives or replace government funds.

The Fund also considers the following principles when evaluating requests for support:

- **Projects should be driven by environmental results, take concrete actions, and have system-wide impact.**
- **Projects should be collaborative in nature and create partnerships that reflect the range of interests in the Great Lakes basin.**
- **Projects should anticipate and prevent impacts on the health of the ecosystem rather than attempt to correct environmental problems only after they have occurred.**

- **Projects should develop solutions that improve both the environmental and economic health of the basin ecosystem. The Fund is interested in supporting efforts that promote both environmental and economic sustainability.**
- **Projects must be based on sound science, should utilize the results of existing research, and apply the skills of the basin's scientific community. Just as the Fund will not support basic research that is not a part of an action strategy, the Fund will not support actions that are not based in rigorous, scientific analysis.**

All applicants must comply with the Fund's general funding guidelines, show that the proposed work has clear public benefit, and that any related financial benefits will accrue to the public good. Government agencies must show that Fund support is not being used to replace or duplicate public funds.

The Great Lakes Protection Fund can support a wide variety of applicants. Nonprofit organizations (including environmental organizations, trade associations, and universities), for-profit businesses, government agencies, and individuals are eligible for Fund support. Successful applicants must maintain open access to certain project data, records, and information.



SUSIE ISLAND, LAKE SUPERIOR



PIE ISLAND FROM FLATLAND ISLAND, LAKE SUPERIOR

Frequently Asked Questions

What is the Great Lakes Protection Fund?

The Great Lakes Protection Fund is a private, not-for-profit corporation. The Governors of the Great Lakes states created the Fund in 1989 to be a permanent source of financial support for innovative regional efforts to protect and restore the health of the Great Lakes ecosystem. The Fund provides support in the form of grants, loans, and other investments.

Where does the Fund's money come from?

Seven Great Lakes states provided one-time contributions to create the Fund's permanent endowment. The states of Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin have contributed \$81 million to the Fund's permanent endowment. This endowment is invested to produce income. Two-thirds of the Fund's net income is dedicated to regional projects that produce tangible improvements to the health of the Great Lakes ecosystem. The remaining one-third is distributed annually to the member states in proportion to their original contribution, so that the member states can support their Great Lakes priorities.

Who decides who gets support from the Fund?

The Governors elect a Board of Directors that has fiduciary responsibility for the Fund. The Board sets Fund policy, oversees the management of the endowment, and makes funding decisions.

What does it mean to "enhance the health of the Great Lakes ecosystem"?

Enhancing the health of the Great Lakes ecosystem means producing ecological results that are *real, significant, and of regional consequence*. Proposed projects are evaluated based on their potential to produce actual environmental results:

- *Real* – “Real” means that the project leads to results that can be measured, understood, and experienced in the ecosystem. “Results” refers to the project's expected outcomes (i.e., changes in the beneficial use status—fishable, swimmable, and/or drinkable—of a given number of stream miles; an improvement in an Index of Biotic Integrity for some part of the ecosystem; changes in the population or health of a critical specie or unique natural community; etc.), not the

project's outputs (i.e., the number of farmers that adopt best management practices to reduce nutrient run-off; number of reports issued; number of articles published; etc.).

- *Significant* – Successful requests have, as a goal, environmental outcomes that are of priority to the basin ecosystem. These outcomes target some aspect of the basin's physical, chemical, and/or biological integrity that is impaired or threatened throughout the ecosystem and remains unaddressed by government programs, industry, or other not-for-profit initiatives.
- *and of Regional Consequence* – For a project to be considered for funding, its predicted environmental outcomes must benefit the ecological health of the entire Great Lakes ecosystem. In other words, projects must work at the scale necessary to produce system-wide consequences.

How quickly must my project produce tangible ecological results?

All other factors being equal, a project team that can produce results quickly has a higher likelihood of support than a project team that produces results more slowly. The Fund understands

that achieving results that are real, significant, and of regional consequence takes time and may occur well after the funding support has lapsed. In those cases, the Fund weighs the likelihood of producing the expected result after the project has concluded in making a funding decision.

Does the Fund have program areas?

No. The Board has, however, identified four areas where it believes there is significant opportunity for meeting the Governors' directive of seeking out solutions to the Lakes' biggest challenges. Those areas are preventing biological pollution, restoring more natural flow regimes, organizing markets to improve the environment, and providing leadership for ecosystem restoration.

Can I still apply for a travel grant to attend a regional meeting?

No. The Fund has discontinued its travel grants program.

I have an idea for a project, but lack the team to carry it out. Can I get support to flesh out my project?

Yes. The Fund periodically makes small planning grants for compelling ideas that appear ripe for action consistent

with the Fund's general guidelines, but where a team and project plan need to be built. The Fund also periodically convenes technical experts to advise the Fund on topics that may be ripe for support. Ideas that seem well-suited for a single project can be the basis for entire portfolios of projects as well. Frequently, these sessions lead to a supplemental request for preproposals. Please contact the Fund to discuss how your idea might be turned into a supportable project or set of projects.

Do I have to be from a participating Great Lakes state to receive support from the Fund?

No. Activities affecting the basin's ecosystem are becoming increasingly distant in space and time from the shores of the lakes. The solutions will be as well.

Does the Fund only give grants to regional projects?

Yes. Regional refers to a project's impact. In order to produce results for the entire Great Lakes ecosystem, the majority of Fund-supported projects operate at a broad scale or at multiple locations throughout the basin.

What does the Fund not support?

The Fund cannot support lobbying in any form, or activities designed to affect elections. The Fund does not provide general operating support and does not support advocacy, litigation, basic research, convening, general environmental education, operating support, or public works projects.

If not research, advocacy, or environmental education, then what does the Fund support?

It supports action. Projects that are doing something on the ground to produce specific environmental results best match the Fund's guidelines. Most successful requests come from project teams that bring together researchers and practitioners possessing a complementary range of expertise. Projects must also include the customers of the work, who are most likely to take the results and make a difference for the Great Lakes.

When should I contact the Fund with a project idea?

The earlier the better. A phone call or e-mail to Fund staff, before a preproposal is submitted, is preferred over a

formal letter of inquiry. While informal contact up front can be helpful for both potential grantees and Fund staff, it is not required. You may submit a preproposal to the Fund at any time. Preproposals are the first step in the Fund's formal review process and are required of all projects. To learn more about submitting preproposals, please visit our website at www.glpf.org.

What types of organizations are eligible for funding from the Great Lakes Protection Fund?

The Fund can support virtually any type of organization. The exact type of organization is far less important than the number and breadth of organizations on the project team. Nonprofit organizations, individuals, units of government, and for-profit businesses are all eligible for support as long as they show that the proposed work has clear public benefit and that any related financial benefits will accrue to the public good. Government agencies are eligible for support if they show that Fund monies are not being used to replace public funds or undertake governmental responsibility. Please note that the Fund almost never supports a one-organization project. Most Fund

support goes to projects that involve many institutions working together as a temporary project team.

What are the application deadlines?

There are no deadlines. The Fund is open to project ideas and preproposals at any time of the year. Within a week of receiving your preproposal, the Fund will send you a notification via e-mail that informs you of the date that your preproposal will go before the Projects and Grantmaking Committee of the Board of Directors. This Committee reviews preproposals, invites full proposals from those projects that best fit the Fund's priorities and guidelines, and makes recommendations for funding to the full Board. The Fund's Board of Directors normally meets four times a year to make funding decisions.

How long does the application process take?

It varies significantly from project to project. From the time a preproposal is received to the time an award can be made may be as short as four and a half months, or as long as a year or more. The Fund can move quickly to support an unusual opportunity if time is of the essence.

Can I submit application materials via e-mail?

Yes. The Fund prefers to receive materials electronically. Download (from www.glpf.org) and fill out a cover sheet for your project and send it along with a Word document or.pdf file of your preproposal to preproposal@glpf.org.

Does the Fund require matching funds?

No. The Fund encourages applicants to leverage grant awards with financial support from other sources and vice versa, but matching funds are not required.

Does the Fund support multiple-year projects?

Yes.

How much money should I apply for?

Apply for what you need, including resources to support a team of collaborators and the broad dissemination of your project results. More projects are declined because they are too small than are declined because they are too big.

What kind of support does the Fund offer?

The Fund can support specific projects through a grant, loan, program related investment, or other financial mechanism. The Fund also tries to maintain an active working partnership with its grantees that may include site visits and regular communication (beyond formal reports) regarding the progress of the work. The Fund is committed to providing support to emerging communities of practitioners, who are working on innovative solutions to some of the basin's most significant problems.



GRAND PORTAGE STATE FOREST, LAKE SUPERIOR

Projects And Project Teams

The Fund supports projects that involve a full range of interests in the basin. Collaborative teams include project managers, subcontractors, volunteers, advisory committees, and other potential stakeholders.

Innovative Outreach to Absentee Landowners in the Great Lakes (2006)

Agren, Inc.
Arenac County, Michigan
Lake Plains Resource Conservation and Development Council, Inc.
M&M Divide Resource Conservation & Development*
Manitowoc County Soil & Water Conservation Department
Michigan Department of Agriculture
Michigan Tuscola County
Natural Resources Conservation Service
Orleans County Soil and Water Conservation District
Publication Services, LLC
U.S. Department of Agriculture
Utah State University
Wisconsin Department of Natural Resources

Eco-Pro: An Intelligence System for Shipping to Protect the Ecosystem of the Great Lakes (2006)

City of Chicago
Cornell University
Great Lakes Congressional Task Force
McGill University
Minnesota Sea Grant Program
Northeast-Midwest Institute
Philip T. Jenkins and Associates, Ltd.
Transport Canada
University of Chicago
University of Illinois at Chicago*
University of Maryland

A Regional Finance Strategy to Restore the Health of the Great Lakes Ecosystem (2006)

Aramas Financial LLC
Bricker & Eckler LLP*
Cleveland-Cuyahoga County Port Authority

Ohio Sea Grant College Program
Robert W. Baird & Co., Inc.
Schiff Hardin LLP

Risk Assessment and Management of Great Lakes Invasive Species (2006)

The Nature Conservancy
Philip T. Jenkins and Associates, Ltd.
Transport Canada
U.S. Environmental Protection Agency
U.S. Forest Service
University of California
University of Notre Dame*

Developing New Financing Products for Great Lakes Ecosystem Restoration (2006)

Center for Neighborhood Technology
CivilCredit Advisors LLC
ConservationStrategy LLC
Great Lakes and St. Lawrence Cities Initiative
Hawkins Delafield & Wood, LLP
ICF Consulting Group, Inc.
International Financial Consulting Ltd.
JPMorgan Chase & Co.
Michigan Department of Treasury
The Nature Conservancy
Northeast Midwest Institute*
Ohio Water Development Authority
Portland State University
University of Illinois

Water Conservation and Efficiency Initiative (2006)

Council of Great Lakes Governors*
Illinois Department of Natural Resources
Minnesota Department of Natural Resources
New York State Department of Environmental Conservation
Ohio Department of Natural Resources
Ontario Ministry of Natural Resources
Pennsylvania Department of Environmental Protection
Quebec Ministère du Développement durable, Environnement et Parcs
Wisconsin Department of Natural Resources

*Denotes Project Team Lead

Achieving Ecosystem Benefits Through Pollution Prevention and Energy Efficiency Transactions (2005)

Arwood Group LLC
Battle Creek Unlimited
Delta Institute*
Illinois Environmental Protection Agency
LaSalle Bank
Michigan Certified Development Corporation
Michigan Department of Environmental Quality
Michigan Forest Products Council
Northern Trust Bank
Northwest Michigan Council of Governments
Sonnenschein Nath & Rosenthal LLP
U.S. Environmental Protection Agency
Valerie Denney Communications

St. Lawrence Seaway: Issues and Options – Phase II (2005)

Aquarium of the Pacific
Cambridge Systematics, Inc.
Cornell University
Dalhousie University
Johns Hopkins University
Matson Navigation Company, Inc.
The National Academies*
National Oceanic and Atmospheric Administration
National Science Foundation
Pennsylvania State University
Philip T. Jenkins and Associates, Ltd.
State University of New York
University of Minnesota
University of Windsor

Lake Ontario Resource Improvement Opportunity Assessment (2005)

Cornell University
Natural Heritage Institute*
The Nature Conservancy
Toronto and Region Conservation Authority

Restoration of the Great Lakes Basin Water Through the Use of Conservation Credits (2004)

CMS Energy
Institute for Fisheries Research
Michigan Council Trout Unlimited
Michigan Department of Agriculture
Michigan Department of Environmental Quality
Michigan Department of Natural Resources
Michigan Farm Bureau
Michigan Municipal League
Michigan State University*
Michigan Turfgrass Foundation

National Association of Conservation Districts
National Wildlife Federation
Public Sector Consultants, Inc.
Tip of the Mitt Watershed Council
U.S. Geological Survey
Wisconsin Department of Natural Resources
World Resources Institute

Identifying and Valuing Restoration Opportunities at Watershed and Subwatershed Scales (2004)

Applied Ecological Services, Inc.*
Central Lake County Joint Action Water Agency
The Nature Conservancy
S.D. Mackey & Associates
Trout Unlimited
University of Michigan

Restoring Flow Regimes Through Growing Water Transactions: Basin-Wide Case Studies (2004)

Applied Ecological Services, Inc.
Central Lake County Joint Action Water Agency
Environmental Banc & Exchange
Environmental Trading Network*
Federal Reserve Bank of Chicago
Great Lakes Cities Initiative
Kieser and Associates
King & Associates
Miami Conservancy District
Policy Solutions Ltd.
Portage Park District
Sahbra Farms
Shaw Environmental and Infrastructure, Inc.
Sixteenth Street Community Health Center
St. Joseph Watershed Initiative

Developing a Process to Quantify and Facilitate Water Withdrawal Driven Ecosystem Improvements (2004)

American Transmission Co.
Central Lake County Joint Action Water Agency
CH2M Hill*
City of Farmington Hills
City of Livonia
CMS Energy
The Conservation Fund
Delta Institute
Michigan Department of Environmental Quality
Michigan Department of Natural Resources
Milwaukee Metropolitan Sewerage District
National Wildlife Federation
Public Sector Consultants, Inc.
Sixteenth Street Community Health Center
Stormtech

*Denotes Project Team Lead

IDEAS IN ACTION

Wayne County Department of Environment
Wisconsin Department of Natural Resources

Creating Improvements to the Great Lakes Ecosystem to Offset Withdrawal Requests (2004)

The Cadmus Group, Inc.
Environmental Banc & Exchange
Land and Water Resources, Inc.*
WestWater Research, LLC
The Wetlands Initiative

St. Lawrence Seaway: Issues and Options (2003)

The National Academies*

ANS-HACCP Training Initiative to Prevent the Spread of Aquatic Nuisance Species by Resource Managers, Researchers, and Enforcement Officers (2003)

Illinois Indiana Sea Grant Program
Michigan Sea Grant
Michigan State University
Minnesota Sea Grant Program*
New York Sea Grant Institute
Ohio Sea Grant College Program
Pennsylvania Sea Grant
Wisconsin Sea Grant Institute

Identifying, Verifying, and Establishing Options for Best Management Practices for NOBOB Vessels (2003)

McGill University
National Oceanic and Atmospheric Administration
Old Dominion University
Philip T. Jenkins and Associates, Ltd.
Smithsonian Environmental Research Center
University of Michigan*
University of Windsor

Great Lakes Pollution Prevention Project: Biological Pollution and the Waterborne Transportation System (2003)

Cargill Inc.
Delta Institute
Ford Motor Company
Lake Carriers' Association
National Wildlife Federation
Northeast-Midwest Institute*
The Ohio State University Research Foundation
Shipping Federation of Canada
U.S. Great Lakes Shipping Association

Risk Management and Risk Financing as Tools for Preventing Biological Pollution (2003)

Alba Advisors
Lake Michigan Federation
Nature Conservancy Canada
Policy Solutions Ltd.
Sommer Barnard Ackerson, Attorneys, PC*
Temple University
University of Notre Dame

Integrating Water Quantity and Quality in Great Lakes Communities (2003)

American Rivers*
Clinton River Watershed Council
Fox-Wolf Watershed Alliance

Coupling Ecological, Economic, and Engineering (E3) Studies to Formulate Guidelines for Dam Removal and River Restoration in Great Lakes Watersheds (2002)

New York Rivers United
The Ohio State University Research Foundation*
State University of New York

Groundwater and the Great Lakes: A Coordinated Binational Basin-Wide Assessment in Support of Annex 2001 Decision Making (2002)

Environment Canada
U.S. Geological Survey*

PBT-Free Purchasing in the Great Lakes Basin (2002)

Erie County, New York
Great Lakes Regional Pollution Prevention Roundtable
Great Lakes United
Health Care Without Harm
INFORM, Inc.*
Kalamazoo County, Michigan
National Association of Educational Buyers
National Association of State Purchasing Officials
National Institute of Government Purchasing
National Wildlife Federation
New York State Office of General Services
Pollution Prevention Alliance
University of Minnesota
Wisconsin Department of Administration

Developing a Model Framework for Assessing Impacts of Water Withdrawals (2002)

Great Lakes Commission
Limno-Tech, Inc.*



DIVER TAKING UNDERWATER MEASUREMENTS
OFF ISLE ROYALE, LAKE SUPERIOR

IDEAS IN ACTION

Making a Decision on Improvement: A Case Study Demonstration Involving Waukesha Water Supply (2002)

Aquifer Science & Technology
CH2M Hill*
Lake Michigan Federation
Milwaukee Water Works
Policy Solutions Ltd.
Pollution Probe
Ruekert/Mielke
Southeast Wisconsin Regional Planning Commission
Waukesha Water Utility
Wisconsin Department of Natural Resources

Creating Ecological Currencies for Quantifying Resource Improvement (2002)

CH2M Hill
Council of Great Lakes Industries
Enterprising Environmental Solutions*
Environmental Affairs Consulting
Lake Michigan Federation
Policy Solutions Ltd.
Pollution Probe

Ecologically Sustainable Water Management: Training Workshop for the Great Lakes (2002)

The Nature Conservancy*

Operationalizing the Improvement Standard for Water Withdrawals for Affected Communities (2002)

The Cadmus Group, Inc.
Land and Water Resources, Inc.
Rural Lorain County Water Authority
TetraTech EMI*
Waukesha Water Utility

Netting Benefits for the Great Lakes Ecosystem (2002)

CH2M Hill
Council of Great Lakes Industries
Dwight A. Magalis and Associates
Environmental Affairs Consulting
Lake Michigan Federation
Policy Solutions Ltd.*

Developing a Conservation "Tool Kit" for the Great Lakes Region (2002)

Environment Canada
Great Lakes Commission*
Illinois Department of Natural Resources
Indiana Department of Natural Resources

Michigan Department of Environmental Quality
Minnesota Department of Natural Resources
New York State Department of Environmental Conservation
Ohio Department of Natural Resources
Ontario Ministry of Natural Resources
Pennsylvania Department of Environmental Protection
U.S. Geological Survey
Wisconsin Department of Natural Resources

Using Market Mechanisms to Reduce the Use of Fertilizers and Pesticides in States Bordering the Great Lakes (2001)

American Farmland Trust*
Colorado State University
Iowa State University
The IPM Institute of North America, Inc.
Michigan Department of Environmental Quality
Natural Resources Conservation Service
Texas A & M University
University of Kentucky
Wisconsin Department of Natural Resources

Great Lakes Ballast Technology Demonstration Project (2001)

Lake Carriers' Association
Northeast-Midwest Institute*
Stolt-Nielsen Transportation Group Ltd.

Managing Environmental Risks in Carrier Selection (2001)

Business for Social Responsibility*
Northeast-Midwest Institute
University of Notre Dame

Phase III—Great Lakes Community Foundation Environmental Collaborative (2001)

Brantford Community Foundation
Burlington Community Foundation
Central New York Community Foundation
The Cleveland Foundation
Community Foundation for Greater Toronto
Community Foundation for Muskegon County
Community Foundation of Greater Kingston
Community Foundation of Grey Bruce
Community Foundation of the Holland/
Zeeland Area
The Conservation Fund
Council of Michigan Foundations*
Great Lakes Commission
Hamilton Community Foundation
Highland Park Community Foundation
Huron County Community Foundation
Huron Communities Foundation

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IDEAS IN ACTION

Inside/Out Political Consultants, Inc.
 Lake Michigan Federation
 Legacy Foundation, Inc.
 Mackinac Island Community Foundation
 Manistee County Community Foundation
 Niagara Community Foundation
 Oshkosh Area Community Foundation
 Petoskey-Harbor Springs Area Community Foundation
 SAL Consulting
 Tip of the Mitt Watershed Council
 Unity Foundation of LaPorte County, Inc.

Insuring Environmental Improvement in the Great Lakes Ecosystem: A Collaboration with the Insurance and Great Lakes Industries (2001)

Illinois Waste Management and Research Center
 Minnesota Technical Assistance Program
 Pennsylvania Technical Assistance Program
 Tellus Institute*
 University of Wisconsin

Public Benefit Charges: A Promising New Avenue to Reduce Toxics Deposition to the Great Lakes (2001)

Center for Clean Air Policy*
 Center for Neighborhood Technology
 Citizen Action Coalition of Indiana
 Environmental Law and Policy Center of the Midwest
 FirstEnergy
 ICF Consulting Group
 Izaak Walton League of America
 Minnesota Pollution Control Agency
 Minnesota Power
 Niagara Mohawk
 Ohio Partners for Affordable Energy
 Young, Sommer, Ward, Wooley, Baker, & Moore, LLC

Municipal Clean Power Tagging & Brokering Program (2001)

Environmental Resources Trust, Inc.*
 ICF Consulting Group
 Multinational Government Services, Inc.

Developing Markets to Manage Ecosystems (2001)

Environmental Financial Products, Ltd.
 Kieser and Associates*
 Michigan Department of Environmental Quality
 Miller, Canfield, Paddock and Stone, PLC
 The Wetlands Initiative
 World Resources Institute

Assessment of Transoceanic NOBOB Vessels and Low-Salinity Ballast Water as Vectors for Nonindigenous Species Introductions to the Great Lakes (2000)

Great Lakes Commission
 National Oceanic and Atmospheric Administration
 Northeast-Midwest Institute
 Old Dominion University
 Smithsonian Environmental Research Center
 U.S. Coast Guard
 U.S. Environmental Protection Agency
 U.S. Great Lakes Shipping Association
 University of Michigan*
 University of Windsor

Incorporating Watershed Investing into the Great Lakes Basin (2000)

CH2M Hill
 Institute for Agriculture and Trade Policy*
 Kieser and Associates
 Regional Plan Association
 University of Wisconsin

A Water Resources Decision Support System for the Great Lakes (2000)

Canada Centre for Inland Waters
 Council of Great Lakes Governors
 Great Lakes Commission*
 Great Lakes Water Resources Management Committee
 National Oceanic and Atmospheric Administration
 U.S. Army Corps of Engineers
 U.S. Geological Survey

Developing Procedures for Utilizing a Sex Pheromone to Increase the Efficacy of the Sterile Male Release Program in Control of Sea Lamprey Populations of the Great Lakes (2000)

Michigan State University*
 U.S. Fish and Wildlife Service
 University of New Hampshire

Great Lakes Ballast Technology Demonstration Project—Final Phase (1999)

Association of California Water Agencies
 The Cadmus Group, Inc.
 Cargill Inc.
 Great Lakes Commission
 Great Lakes Fishery Commission
 Hyde Products, Inc.
 Lake Carriers' Association
 Minnesota Department of Natural Resources

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IDEAS IN ACTION

National Oceanic and Atmospheric
Administration
Northeast-Midwest Institute*
Ontario Hydro Technologies, Inc.
Pacific Merchant Shipping Association
Seaway Port Authority of Duluth
Shipping Federation of Canada
St. Lawrence Seaway Development Corporation
Transport Canada
U.S. Coast Guard
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
University of Michigan
Williams College

**Shared Solutions: Cooperative Hydropower
Relicensing in the Great Lakes Region (1999)**

American Rivers*
American Whitewater Affiliation
Hydropower Reform Coalition
Michigan Hydro Relicensing Coalition
Natural Heritage Institute
New York Rivers United
River Alliance of Wisconsin
Trout Unlimited

Muskegon River Dam Removal (1999)

City of Big Rapids*
Ferris State University
Michigan Department of Environmental
Quality
Michigan Department of Natural Resources
U.S. Geological Survey

**It's All Connected: Demonstrating Benefits of
Dam Removal as a Means of Improving the
Integrity and Health of Aquatic Resources in the
Great Lakes Basin (1999)**

River Alliance of Wisconsin
Trout Unlimited*
Wisconsin Department of Natural Resources

**Applying the Natural Flow Regime Paradigm to
Current and Feasible Restoration Actions in the
Great Lakes Coastal Region of New York (1999)**

Cornell University*
Michigan Department of Natural Resources
Ohio Department of Natural Resources
University of Michigan
Worcester Polytechnic Institute

**Implementing and Documenting the Benefits
and Costs of "Stormwater Treatment Trains"
in Three Model Conservation (Watershed
Sensitive) Developments (1999)**

Applied Ecological Services, Inc.*
Bielinski Development, Inc.
The Conservation Fund
Des Plaines Watershed Team
University of California
University of Wisconsin
Wisconsin Department of Natural Resources

**Flow Alteration in Michigan's Rivers: Extent and
Effects (1999)**

Colorado State University
University of Michigan*

**Riverine Habitat Assessment and Flow Regime
Restoration (1999)**

Case Western Reserve University
Colorado State University
Fisheries and Oceans Canada
Ohio Department of Natural Resources*
Ohio Division of Wildlife

Rain Barrel Demonstration Project (1999)

City of Dearborn
Enviro Energy International Inc.
Friends of the Rouge*
Public Sector Consultants, Inc.
Wayne County Department of Environment

**Demonstration of Drainage Channel Restoration
to Improve Stream Integrity and Maintain Flow
Capacity (1999)**

Cuyahoga County Natural Resources
Conservation Services
Fulton County Natural Resources Conservation
Services
Heidelberg College
Maumee Valley Resource Conservation and
Development
Ohio Environmental Protection Agency
Ohio Land Improvement Contractors
Association
The Ohio State University Research Foundation*
University of Findlay
University of Waterloo
Wood County Engineers Office
Wood County Natural Resources Conservation
Services



USING A ROSETTE SAMPLER TO COLLECT
WATER SAMPLES ABOARD ENVIRONMENTAL
PROTECTION AGENCY VESSEL,
"ROGER SIMONS"

IDEAS IN ACTION

Degradation and Recovery in Urban Watersheds: The Role of Floodplain Restoration in Recoupling Stream Structure and Ecological Function (1999)

University of Wisconsin*
Wisconsin Department of Natural Resources

Restoration of Coastal Wetlands in the St. Lawrence River Through Re-establishment of Natural Hydrologic Regimes (1999)

Natural Resources Conservation Service
New York Department of Transportation
New York State Department of Environmental Conservation
State University of New York*
U.S. Fish and Wildlife Service

Impacts of Watershed Fragmentation and Restoration on Fish Habitat, Migration and Production in Great Lakes Tributaries (1999)

Case Western Reserve University
Colorado State University
Fisheries and Oceans Canada
Michigan Department of Natural Resources
Ohio Department of Natural Resources
Ohio Division of Wildlife
University of Michigan*
Worcester Polytechnic Institute

Restoring the Great Lakes Ecosystem's Natural Flow Regime: Three Demonstration Projects (1999)

Hobart and William Smith Colleges
The Nature Conservancy*
New York Department of State
New York Sea Grant Institute
New York State Department of Environmental Conservation
Oswego County Department of Planning and Development
Town of Ellisburg
Town of Richland
Town of Sandy Creek
U.S. Army Corps of Engineers
University of Wisconsin

Piping Plover and Shoreline Protection Program (1999)

Michigan Land Use Institute
National Audubon Society
The Nature Conservancy
U.S. Fish and Wildlife Service*
University of Minnesota
Whitefish Point Bird Observatory

Chlor-alkali Plants: A Major Source of Mercury in the Great Lakes Basin (1998)

Oak Ridge National Laboratory
University of Michigan*

Great Lakes Community Foundation Environmental Collaborative—Phase II (1998)

Bay Area Community Foundation
Berrien Community Foundation
Biodiversity Project
Center for Compatible Economic Development
The Cleveland Foundation
Community Foundation for Greater Buffalo
Community Foundation for Muskegon County
Community Foundation for Northeast Michigan
Community Foundation for Southeastern Michigan
Community Foundations of Canada
Council of Michigan Foundations*
Grand Traverse Regional Community Foundation
Great Lakes Commission
Headwaters Group
Inside/Out Political Consultants, Inc.
Keweenaw Community Foundation
Les Cheneaux Community Foundation
Marquette Community Foundation
Milwaukee Foundation
The Nature Conservancy
Northeast Midwest Institute
Northern Chautaugua Community Foundation
Philanthropic Resources Group
Racine Community Foundation
Rochester Area Community Foundation
SAL Consulting
Sandusky-Erie County Community Foundation
Sarnia Community Foundation
Sault Area Community Foundation
Toronto Community Foundation
Webb & Associates Inc.

Great Lakes Dioxin Reduction Project Through Design for the Environment (1998)

CGH Environmental Technologies, Inc.
Ecology Center of Ann Arbor
Minnesota Office of Environmental Assistance*
University of Wisconsin
Waste Management Resource Center of Illinois

A Comprehensive Study for Great Lakes Shorelines (1998)

Michigan Natural Features Inventory
Ohio Department of Natural Resources
Pennsylvania Department of Environmental Protection

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IDEAS IN ACTION

University of Michigan*
University of Wisconsin
Wisconsin Sea Grant Institute

Great Lakes Energy Network Services (1998)

Ace Hardware
Advance Vehicle Systems
CALSTART
Center for Neighborhood Technology*
Chicago Board of Trade
Co-op America
Countrywide Home Loans
Environmental Defense Fund
First Utility Finance
Goldman Sachs
Illinois Environmental Protection Agency
Katrakis & Associates
National Biodiesel Foundation
Real Goods Trading Company
Sacramento Municipal District
Sears, Roebuck and Co.
Sieben Energy Associates
South Shore Bank
U.S. Department of Energy
U.S. Environmental Protection Agency
Wisconsin Energy Bureau

Power Marketing for Environmental Benefits in the Great Lakes Region—Creating EcoLakes Power Products and Reinvestment Fund (1998)

Environmental Defense Fund
Environmental Resources Trust, Inc.*
The Nature Conservancy
Northeast Midwest Institute
Northwestern University

Quality Hunting Ecology (1998)

Sand County Foundation*
University of Wisconsin
U.S. Forest Service

Protecting the Great Lakes Through Certified Sustainable Forestry—Phase 2 (1997)

Bio-Forest Technologies
Callaghan and Associates
Institute for Agriculture and Trade Policy
Mater Engineering, Ltd.*
Michigan Department of Natural Resources
National Wildlife Federation
Sigurd Olson Environmental Institute
Wisconsin Department of Natural Resources

Designing Developments to Protect Watersheds (1997)

American Greenways Program
Black River RAP
Building Industries Association of Lorain County
Center for Watershed Protection
The Clean Energy Community Foundation*
Colony Mortgage Company
Garfield Michigan Township
Grand Traverse Michigan County
Hidden Creek at the Darby
Home Builders Association of Lake County
Lake County Stormwater Management Commission
New Designs for Growth
Ohio Environmental Protection Agency
Stiner & Sons, Inc.
Waukesha County Department of Parks and Land Use

Mobilizing the Supply Chain to Accelerate Pollution Prevention in the Great Lakes Metals Industry (1997)

Tellus Institute*

Water Quality Demonstration Trade (1997)

Forum for Kalamazoo County*
Kieser and Associates
Michigan Department of Environmental Quality

Environmental Transmission of Hepatitis A Virus in a Zebra Mussel-Dominated Foodchain (1997)

The Ohio State University Research Foundation*

The Brownfields Project (1997)

Council of Great Lakes Governors*
Empire State Development Corp.
Illinois Department of Commerce and Community Affairs
Indiana Department of Commerce
Indiana Department of Environmental Management
Michigan Department of Environmental Quality
Michigan Jobs Commission
Michigan Renaissance Fund
Minnesota Department of Trade and Economic Development
Minnesota Pollution Control Agency
New York Office of Environmental Quality and Remediation
Quebec Department of the Environment and Wildlife

IDEAS IN ACTION

U.S. Environmental Protection Agency
Wisconsin Bureau of Remediation and
Redevelopment
Wisconsin Department of Commerce

**Protecting the Great Lakes through Certified
Sustainable Forestry (1997)**

Institute for Agriculture and Trade Policy*
Mater Engineering, Ltd.

**Planning Grant: Designing Developments to
Protect Watersheds (1997)**

1000 Friends of Wisconsin
American Planning Association
American Public Works Association
American Society of Civil Engineers
American Society of Landscape Architects
Chesapeake Bay Foundation
The Clean Energy Community Foundation*
Council of Great Lakes Governors
Council of Michigan Foundations
The Countryside Program-Ohio
Gathering Waters
Grand Traverse Bay Watershed Initiative
Great Lakes Commission
Land Trust Alliance
Michigan Planning and Zoning Center
Minnesota Land Trust
National Association of Counties
National Association of Home Builders
Partnership for Saginaw Bay Watershed
Pennsylvania Natural Lands Trust
St. Louis River Citizens Action Committee
Urban Land Institute
Wisconsin Fox-Wolf Basin 2000

**Beyond Pollution Prevention: Removal of
Organo-chlorines from Industrial Feedstocks
and Processes in the Great Lakes Basin—
Phase II Implementation (1997)**

CAMP, Inc.*
Canadian Centre for Pollution Prevention
Illinois Waste Management and Research Center
Institute for Local Self-Reliance
Minnesota Technical Assistance Program
National Institute of Standards and Technology

**Partnership for Regulatory Innovation and
Sustainable Manufacturing (1997)**

Citizens Policy Center
Ecology Center of Ann Arbor
Edgemont Neighborhood Coalition
Environmental Defense Fund*
General Motors

Michigan Department of Environmental Quality
Ohio Environmental Protection Agency
U.S. Environmental Protection Agency

**Aquatic Nuisance Species Dispersal Barrier for
the Chicago Sanitary and Ship Canal (1997)**

Chicago Mayor's Office
Commonwealth Edison
Friends of Chicago River
Great Lakes Commission*
Great Lakes Sport Fishing Council
Illinois International Port
Illinois Department of Natural Resources
Illinois Pollution Control Board
Illinois River Carriers Association
International Joint Commission
Metropolitan Water Reclamation District of
Greater Chicago
Minnesota Department of Natural Resources
Northeastern Illinois Planning Commission
Smith-Root, Inc.
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
U.S. Geological Survey
University of Illinois
Upper Mississippi River Conservation
Committee
Wisconsin Sea Grant Institute

**Great Lakes Dental Mercury Reduction Project
(1997)**

American Dental Association
Detroit Water and Sewerage Department
Environmental Services Hamilton-Wentworth
Illinois Dental Association
Illinois Waste Management and Research Center
Indiana Dental Association
Indiana Department of Environmental
Management
Michigan Dental Association
Monroe County Health Department
National Wildlife Federation
New York Dental Association
Ohio Dental Association
Ontario Dental Association
Pennsylvania Dental Association
Pennsylvania Department of Environmental
Protection
Western Lake Superior Sanitary District*
Wisconsin Dental Association
Wisconsin Department of Natural Resources

Great Lakes Basin Comprehensive Farm Planning Network: Phase II Implementation (1997)

CENEX/Land O' Lakes
Cornell University
Innovative Farmers of Ohio
Land Stewardship Project
Michigan Agricultural Stewardship Association
The Minnesota Project*
National Farmers Organization
New York Sustainable Agriculture Working Group
Ontario Soil and Crop Improvement Association
Pennsylvania Association of Conservation Districts
Sustainable Farming Association of Northeast Minnesota
Wisconsin Farm Bureau
Wisconsin Land Conservation Department
Wisconsin Natural Resource Conservation Service
Wisconsin Rural Development Center

The Effectiveness of Filtration at Minimizing the Uptake and Transfer of Viable Organisms in the Ballast Water of a Commercial Vessel (1996)

Centers for Disease Control
James Madison University
Lake Carriers' Association
Northeast-Midwest Institute*
Northwestern University
Seattle Biomedical Research Institute
Smithsonian Environmental Research Center
Transport Canada
U.S. Coast Guard
University of Arizona
University of Maryland
University of North Carolina
Williams College

Shared Solutions: Cooperative Hydropower Relicensing in the Great Lakes Region (1996)

Adirondack Mountain Club
American Rivers*
Consumers Power Company
Great Lakes Fishery Commission
Great Lakes United
Great River Council
Michigan Department of Natural Resources
Michigan State University
Michigan United Conservation Club
National Oceanic and Atmospheric Administration
National Park Service
Natural Heritage Institute
New York Power Authority

New York State Department of Environmental Conservation
New York State Natural History Museum
Ontario Ministry of Natural Resources
Sierra Club
U.S. Fish and Wildlife Service
U.S. Forest Service
University of Michigan
Wisconsin Department of Natural Resources
Wisconsin Electric Power Company
Wisconsin Izaak Walton League of America
Wisconsin's Environmental Decade Institute

Great Lakes Ballast Technology Demonstration Project (1996)

Cargill Inc.
Great Lakes Commission
Great Lakes Fishery Commission
Lake Carriers' Association
Michigan Department of Environmental Quality
Minnesota Department of Natural Resources
National Oceanic and Atmospheric Administration
Northeast-Midwest Institute*
Seaway Port Authority of Duluth
Shipping Federation of Canada
St. Lawrence Seaway Development Corporation
Transport Canada
U.S. Coast Guard
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
University of Michigan
Williams College

Development and Maintenance of a Great Lakes Bald Eagle Database to Provide Support in Governmental Efforts to Protect the Great Lakes (1996)

Chippewa National Forest
Clemson University
Lake Superior State University*
Michigan Department of Natural Resources
Michigan Natural Features Inventory
New York State Department of Environmental Conservation
Ohio Department of Natural Resources
Ontario Ministry of Natural Resources
Rocky Mountain Forest & Range Experiment Station
Superior National Forest
Voyageurs National Park
Wisconsin Department of Natural Resources

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IDEAS IN ACTION

Community Foundations Great Lakes Basin Collaborative (1996)

Alger Regional Community Foundation
Bay Area Community Foundation
Berrien Community Foundation
Biodiversity Project
Center for Compatible Economic Development
Chicago Community Trust
The Cleveland Foundation
Community Foundation for Greater Buffalo
Community Foundation for Greater Toronto
Community Foundation for Muskegon County
Community Foundation for Northeast Michigan
Community Foundation for Southeastern Michigan
Community Foundations of Canada
Council of Michigan Foundations*
Duluth-Superior Community Foundation
Grand Traverse Regional Community Foundation
Inside/Out Political Consultants, Inc.
Keweenaw Community Foundation
Les Cheneaux Community Foundation
Marquette Community Foundation
Metro Toronto and Region Conservation Authority
Milwaukee Foundation
Northern Chautaugua Community Foundation
Racine Community Foundation
Rochester Area Community Foundation
SAL Consulting
Sandusky-Erie County Community Foundation
Sarnia Community Foundation
Sault Area Community Foundation
Toronto Community Foundation

Exploring the Role of Nonprofits to Stimulate Brownfield Reuse (1996)

Clean Sites*
Delta Institute
Phoenix Land Recycling

Forest Banking: Compatible Economic Development and Ecosystem Conservation (1996)

Mater Engineering, Ltd.
The Nature Conservancy*
Sommer Barnard Ackerson, Attorneys, PC

Brownfields Redevelopment: What Works in the Great Lakes Basin (1995)

American Farmland Trust
City of Milwaukee
Council of Great Lakes Industries
Cuyahoga County Planning Commission
Erie County Department of Environment and Planning

Grand Traverse Regional Land Conservancy
Great Lakes Commission*
Illinois Environmental Protection Agency
Michigan Department of Attorney General
Minnesota Pollution Control Agency
New York State Department of Environmental Conservation
Northeast-Midwest Institute
Northwestern Indiana Regional Planning Commission
Ohio Environmental Protection Agency
Ontario Ministry of Energy
Ontario Ministry of the Environment
Regional Municipality of Hamilton-Wentworth
Wisconsin Department of Agriculture, Trade and Consumer Protection

Pollution Prevention in Acid Pickling: Reducing Heavy Metal Discharges to the Great Lakes (1995)

Ecology Center of Ann Arbor*
National Association of Metal Finishers
United Auto Workers

Research and Demonstration to Enhance Basin Farmer Adoption of Intensive Rotational Grazing via the Great Lakes Basin Intensive Rotational Grazing Network (1995)

Cornell University
Innovative Farmers of Ohio
Michigan Hay and Grazing Council
Michigan State University
Natural Resources Conservation Service
The Ohio State University
Ontario Ministry of Food
University of Guelph
University of Wisconsin
Wisconsin Rural Development Center*

Preserving Special Places (1995)

Cornell University
Crouse Communications
The Duncan Group
Great Lakes United
Lake Michigan Federation*
National Audubon Society
The Nature Conservancy
Openlands Project
Sierra Club
U.S. Fish and Wildlife Service



SEINING IN THE ST. CLAIRE RIVER AT ALGONAC, MICHIGAN

IDEAS IN ACTION

Developing a Collaborative Study of Reproductive and Hormonal Outcomes in Young Adults Exposed to Polychlorinated Biphenyl (PCB) Compounds via Great Lakes Fish Eating (1995)

Michigan Department of Community Health
Michigan State University*
National Institute of Environmental Health Sciences
New York State Department of Health
State University of New York
University of Texas

Pollution Prevention and Chemical Safety (1995)

Capsule Environmental Engineering
Citizens for a Better Environment
Clean Sites
Corporate Engineering, Inc.
Dow Chemical Company
Environmental Defense Fund
Environmental Health Watch
Grand Calumet Task Force
National Environmental Law Center*
Ohm Corporation
U.S. Environmental Protection Agency
University of Pennsylvania
West Michigan Region Environmental Network

Development of a Protocol to Use the Mink as a Bio-Sentinel Mammal for Assessing the Impacts of Multiple Stressors in the Great Lakes Basin (1995)

Cooperative Wildlife Research Laboratory
National Biological Service
Southern Illinois University
Wisconsin Department of Natural Resources*

Building on Pollution Prevention Progress in the Dry Cleaning Industry (1995)

Center for Neighborhood Technology*

Cooperative Approaches for Protecting the Great Lakes from Spills: Expanding the Great Lakes Spills Protection Partnership (1995)

Amoco Oil Corporation
BP Oil Company
Council of Great Lakes Governors
Great Lakes Commission*
Indiana Department of Environmental Management
Marathon Oil Company
Michigan Department of Natural Resources
Mobil Oil Company
National Oceanic and Atmospheric Administration

Occupational Safety and Health Administration
U.S. Environmental Protection Agency
Wisconsin Department of Natural Resources

Reducing Agricultural Pollution into the Great Lakes: The "Yardstick" Approach (1995)

Blue Earth River Basin Initiative
The Catskill Center for Conservation and Development
Cornell University
Institute for Agriculture and Trade Policy*
Leopold Center
Minnesota Institute for Sustainable Agriculture
University of Wisconsin

Behavioral Effects of Consumption of Lake Ontario Fish in Humans: Prenatal and Adult Exposure (1995)

New York Department of Health
Oswego County OB/GYN PC
Oswego Hospital
Rochester Environmental Health Science Center
St. John's University
State University of New York*
University of Rochester

Identification and Demonstration of Alternative Water and Wetland Crossing Structures (1995)

American Pulpwood Association
Avenor, Inc.
Consolidated Papers, Inc.
Mead Corporation
Menominee Tribal Enterprises
Michigan Association of Timbermen
Michigan Department of Natural Resources
Minnesota Center for Environmental Advocacy
Minnesota Department of Natural Resources
Minnesota Timber Producers Association
Ontario Ministry of Natural Resources
Potlatch Corporation
Superior National Forest
Timber Producers Association of Michigan and Wisconsin
Tip of the Mitt Watershed Council
University of Minnesota*
Wisconsin Department of Natural Resources

Forest Bird Diversity: Indicators of Environmental Condition and Change in the Great Lakes Watershed (1995)

Canadian Forest Service
Canadian Wildlife Service
Cornell University
Great Lakes Indian Fish and Wildlife Commission

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IDEAS IN ACTION

Mead Corporation
Midwest Partners in Flight Program
National Wildlife Federation
The Nature Conservancy
North Central Forest Experimentation Station
Ohio Department of Natural Resources
U.S. Forest Service
University of Minnesota*
University of Wisconsin
Upper Great Lakes Biodiversity Committee
Whitewater Association
Wisconsin Department of Natural Resources

Field Demonstration of Accelerated In Situ Biodegradation of Contaminated Sediments in Lake Superior (1995)

Limnological Research Center
St. Anthony Falls Hydraulic Lab
University of Minnesota*

A Demonstration Project to Export Great Lakes Sea Lamprey for Human Consumption in Portugal and Spain (1995)

Great Lakes Fishery Commission
Minnesota Sea Grant Program*
National Biological Service
National Oceanic and Atmospheric Administration
Universidade Catolica Portuguesa-Portugal
University of Minnesota

Ashland Biological Phosphorus Removal Study—Phase II (1995)

Ashland Water Utility
University of Wisconsin
Wisconsin Department of Natural Resources*

State Implementation of the Great Printers Recommendations (1995)

Center for Neighborhood Technology
Council of Great Lakes Governors*
Environmental Defense Fund
Graphic Arts Technical Foundation
Great Lakes Regional Pollution Prevention Roundtable
Michigan Department of Natural Resources
Michigan Environmental Council
Minnesota Pollution Control Agency
Minnesota Technical Assistance Program
Printing Industries of America
R.R. Donnelley & Sons Company
U.S. Environmental Protection Agency

Beyond Pollution Prevention: Removal of Organochlorines from Industrial Feedstocks and Processes in the Great Lakes Basin (1995)

CAMP, Inc.*
Chadbourne & Chadbourne Consultants

Great Lakes States Implementation of the Great Printers Project (1995)

Council of Great Lakes Governors
Environmental Defense Fund*

Mercury Zero Discharge Project (1995)

American Dental Association
City of Thunder Bay
Detroit Water and Sewerage Department
Erie County Department of Environment and Planning
Erie Wastewater Treatment Plant
King County Department of Metropolitan Services
Lake Michigan Federation
Lake Superior Binational Program
Lake Superior Paper Industries
Metropolitan Council Wastewater Services
Metropolitan Toronto Works Department
Metropolitan Water Reclamation District of Greater Chicago
Minnesota Mercury Network
Minnesota Pollution Control Agency
National Wildlife Federation
Northeast District Dental Society
Potlatch Corporation
Regional Municipality of Hamilton-Wentworth
U.S. Environmental Protection Agency
University of Minnesota
Western Lake Superior Sanitary District*

Building a Network of Community-Based Nonpoint Source Pollution Projects in the Great Lakes Basin (1995)

American Farmland Trust
Cargill Inc.
CF Industries
The Clean Energy Community Foundation*
Coors Brewing Co.
Council of Great Lakes Governors
General Motors
GROWMARK
Kraft Foods
Land Trust Alliance
National Geographic Society
Natural Resources Defense Council
Office of the Great Lakes
Openlands Project
U.S. Department of Agriculture

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U.S. Environmental Protection Agency
World Wildlife Fund

Biochemical Substitution in the Great Lakes Region (1995)

CAMP, Inc.
Chicago Manufacturing Center
Citizens for a Better Environment
Institute for Local Self-Reliance*
People for Community Recovery
Purdue University
WRITAR

Status of Pollution Prevention in the Great Lakes Basin (1994)

CAMP, Inc.
Great Lakes Commission
Great Lakes Pollution Prevention Centre
Great Lakes Regional Pollution Prevention Roundtable
Midwest Manufacturing Technology Center
New York Manufacturing Extension Partnership
University of Minnesota
WRITAR*

Planning Grant for a Framework for Evaluating Local-Level Watershed Programs (1994)

Clinton River Watershed Council
Conservation Resource Alliance*
Great Lakes Commission
International Joint Commission
Michigan Department of Natural Resources
Michigan State University
Michigan Watershed Council
National Wildlife Federation
North American Lake Management Society
Ontario Ministry of Energy
Ontario Ministry of the Environment
Saginaw Basin Watershed Council
U.S. Environmental Protection Agency
University of Iowa
Wisconsin Department of Natural Resources

Demonstration of Microbial Delivery System for In Situ Cleanup of Sediments Contaminated with PCB (1994)

Argonne National Laboratory
Malcolm Pirnie, Inc.
Michigan Biotechnology Institute*
Michigan Department of Natural Resources
Michigan State University
U.S. Environmental Protection Agency

Restoration Potential of Abandoned Agricultural Wetlands in the Great Lakes Region (1994)

American Farmland Trust
Canadian Conservation Service
Michigan Association of Conservation Districts
National Wetlands Conservation Alliance
New York State Department of Environmental Conservation
North America Wetland Conservation Council
The Ohio State University
Oswego County Environmental Management Council
Oswego County Soil Conservation District
Oswego County Vegetable Grower's Association
Ottawa University
State University of New York*
Tip of the Mitt Watershed Council
Trent University
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service

Toxic Pollution Prevention Through Biochemical Substitution in the Great Lakes Region (1994)

3M Chemical Company
Allied-Signal, Inc.
Arkenol, Inc.
AT&T
Battelle Laboratories
Champion International Corporation
Chemical Manufacturers Association
Council of Great Lakes Governors
DuPont Chemical Company
Eli Lilly & Co.
EXL Group, Inc.
General Electric Company
Genencor International
Great Lakes United
Great Lakes Water Quality Coalition
Idaho National Engineering Laboratory
Institute for Local Self-Reliance*
MJSI Engineering
National Institute of Standards and Technology
Purdue University
QO Chemicals Inc.
Specialty Chemical Consultants, Inc.
U.S. Department of Agriculture
U.S. Environmental Protection Agency
WRITAR

Great Lakes-St. Lawrence Environmental Education Clearinghouse and Teacher Training Center (1994)

Erie County Environmental Education Institute*

Human Health Indicators in Areas of Concern (1994)

Cornell University
Cuyahoga River Remedial Action Plan
Great Lakes Commission
Great Lakes Research Consortium*
Kalamazoo River Public Advisory Committee
Lake Michigan Federation
Michigan Department of Natural Resources
Sielken, Inc.

Lake Superior Biodiversity Project, Phase 3 (1994)

Consolidated Papers, Inc.
Lake States Forestry Alliance
Mead Corporation
Michigan Association of Timbermen
Minnesota Audubon Society
National Park Service
National Wildlife Federation*
Natural Resources Council of Maine
Natural Resources Research Institute
Northland College
Ontario Forest Research Institute
Sigurd Olson Environmental Institute
U.S. Environmental Protection Agency
University of Wisconsin
Wild Lands League
Wisconsin County Forest Association
Wisconsin Department of Natural Resources

Baseline Assessment and Monitoring of Marsh Bird and Amphibian Populations in Great Lakes Areas of Concern (1994)

Bay Area Restoration Council
Environment Canada
Federation of Ontario Naturalists
Great Lakes United
Long Point Bird Observatory*
Michigan Department of Natural Resources
Minnesota Pollution Control Agency
National Audubon Society
Ohio Environmental Protection Agency
Severn Sound Remedial Action Plan
Whitefish Point Bird Observatory
Wisconsin Department of Natural Resources

International Alvar Conservation Initiative (1994)

Agriculture and Agri-Food Canada
Bruce Peninsula National Park
Carnegie Museum of Natural History
Federation of Ontario Naturalists
Finger Lakes Community College
For The Biosphere

Lake Erie Alliance
Manitoulin Nature Club
Mead Corporation
Michigan State University
Michigan Department of Natural Resources
Michigan Natural Features Inventory
The Nature Conservancy*
New York Natural Heritage Program
New York State Lawrence-Eastern Ontario Commission
Niagara Escarpment Commission
Ohio Department of Natural Resources
Ontario Ministry of Energy
Ontario Ministry of Natural Resources
Ontario Ministry of the Environment
Ontario Natural Heritage Information Centre
Ottawa National Capitol Commission
Parks Canada
QUNO Corporation
Saskatchewan Conservation Data Centre
University of Guelph
University of Michigan
University of Oklahoma
University of Ottawa
Wisconsin Department of Natural Resources
York University

"Living on the Great Lakes" Radio Project (1994)

Canadian Broadcasting Corporation
Conservation Law Foundation
Harvard University
Iowa State University
Massachusetts Institute of Technology
Michigan Public Radio
New England Electric Systems
People for Community Recovery
Radcliffe College
Rodale Press, Inc.
Superior Radio Network
Union of Concerned Scientists
WBEZ - Chicago
WCPN - Cleveland
WOI - Des Moines
Woods Hole Research Center
World Media Foundation*
Worldwatch Institute
WVXU - Cincinnati

The Determination of Chlorinated Bicyclic Mono-Terpenes in Great Lakes Sport Fish and the Mechanism for Chemical Contamination of the Great Lakes Ecosystem (1994)

Michigan Department of Community Health*
Michigan Department of Natural Resources
University of Minnesota
Wisconsin Department of Natural Resources

*Denotes Project Team Lead

IDEAS IN ACTION

**Integrating Pollution Prevention with
Manufacturing Assistance (1994)**

CAMP, Inc.
Council of Great Lakes Governors
Environmental Defense Fund
Illinois Waste Management and Research Center
Michigan Department of Commerce & Natural
Resources
Michigan Manufacturing Technology Center
Minnesota Technical Assistance Program
New York State Department of Environmental
Conservation
Northeast Manufacturing Technology Center
Northwest Pennsylvania Industrial Resource
Center
Northwestern University
University of Michigan
University of Minnesota*
University of Wisconsin
Upper Midwest Manufacturing Technology
Center
WRITAR

**Develop Training Tapes to Assist Printers in
Understanding and Implementing Pollution Pre-
vention Practices (1994)**

Council of Great Lakes Governors
Environmental Defense Fund
Graphic Arts Technical Foundation
Illinois Waste Management and Research Center
Minnesota Technical Assistance Program
Printing Industries of America
Printing Industries of Wisconsin
Solid & Hazardous Waste Education Center
U.S. Environmental Protection Agency
University of Wisconsin*

**Costs and Benefits of Cleaning Up
Contaminated Sediments in Great Lakes
Areas of Concern (1994)**

Michigan Department of Natural Resources
TNO - Netherlands Organization for Applied
Scientific Research
U.S. Environmental Protection Agency
University of Minnesota
University of Windsor*
University of Wisconsin
Wisconsin Department of Natural Resources
Wisconsin Sea Grant Institute

**Costs and Benefits of Cleaning Up
Contaminated Sediments in Great Lakes
Areas of Concern (1994)**

Michigan Department of Natural Resources
TNO - Netherlands Organization for Applied
Scientific Research

U.S. Environmental Protection Agency
University of Minnesota*
University of Windsor
University of Wisconsin
Wisconsin Department of Natural Resources
Wisconsin Sea Grant Institute

**Costs and Benefits of Cleaning Up
Contaminated Sediments in Great Lakes
Areas of Concern (1994)**

Michigan Department of Natural Resources
TNO - Netherlands Organization for Applied
Scientific Research
U.S. Environmental Protection Agency
University of Minnesota
University of Windsor
University of Wisconsin*
Wisconsin Department of Natural Resources
Wisconsin Sea Grant Institute

Economic Benefits of AOC Remediation (1994)

Green Bay Metropolitan Sewerage District
Michigan State University
The Ohio State University
University of Georgia
University of Illinois
University of Wisconsin*
Wisconsin Department of Natural Resources
Wisconsin Sea Grant Institute

**A Project to Strengthen Public Participation in
Remedial Action Plans (1994)**

Clinton River Watershed Council
Great Lakes Pollution Prevention Centre
Great Lakes United*
Lake Michigan Federation
Ontario Public Advisory Council
U.S. Fish and Wildlife Service

**Administrative Support for the Great Lakes Re-
gional Pollution Prevention Roundtable (1994)**

CAMP, Inc.*

Great Lakes Radio Consortium (1994)

Blue Lake Public Radio
CBC Radio
CBQ - Thunder Bay
Central Michigan University Public Radio
Cleveland Public Radio
Interlochen Public Radio
Michigan Public Radio
Michigan State University
North Country Public Radio
Superior Radio Network



SEDIMENT SAMPLING ABOARD THE
ENVIRONMENTAL PROTECTION AGENCY
VESSEL, "MUDPUPPY" IN INDIANA HARBOR
CANAL, EAST CHICAGO, INDIANA

IDEAS IN ACTION

University of Michigan*
 WBEZ - Chicago
 WDET - Detroit
 WQLN - Erie
 WRVO - SUNY - Oswego
 WUCX - Delta College
 WYSO - Antioch College

Controlling Contaminant Mobility During Sediment Cleanup (1994)

Alcoa, Inc.
 Clarkson University*
 Fox River Coalition
 General Motors
 Green Bay Metropolitan Sewerage District
 Massena Remedial Action Committee
 New York State Department of Environmental Conservation
 Purdue University
 Reynolds Metals, Inc.
 Wisconsin Department of Natural Resources

The Green Thumb Project: Alternative Turf Management for Schools, Parks, and Homes in the Great Lakes Basin (1994)

Citizens for a Better Environment
 Environment Canada
 Great Lakes Pollution Prevention Centre
 Lake Michigan Federation
 Metropolitan Toronto and Region RAP Office
 Minnesota Pollution Control Agency
 Northern Environmental Network
 Save Lake Superior Association
 Sierra Club
 St. Clair River Binational Public Advisory Council
 Western Lake Superior Sanitary District
 Wisconsin Department of Natural Resources
 Wisconsin's Environmental Decade Institute*

Great Lakes Basin Comprehensive Farm Planning Network (1994)

Indiana Sustainable Agriculture Association
 Innovative Farmers of Ohio
 Land Stewardship Project
 Michael Fields Agricultural Institute
 Michigan Agricultural Stewardship Association
 The Minnesota Project*
 New York Sustainable Agriculture Working Group
 Ontario Soil and Crop Improvement Association
 Pennsylvania Association for Sustainable Agriculture
 Wisconsin Rural Development Center
 World Wildlife Fund

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Great Lakes Washington Round Tables (1993)

Canadian Embassy
 Council of Great Lakes Governors
 Council of Great Lakes Industries
 Environmental Defense Fund
 Governor Voinovich's Office (OH)
 Great Lakes Commission
 Great Lakes National Program Office
 Great Lakes United
 Northeast-Midwest Institute*
 Office of Congressman Upton (MI)
 Office of Congresswoman Kaptur (OH)
 Senator Durenburger's Office (MN)
 Senator Levin's Office (MI)
 Senator Metzenbaum's Office (OH)
 Sierra Club
 U.S. Environmental Protection Agency
 U.S. House Public Works Committee
 White House Office on Environmental Policy

Great Lakes Sustainable Agriculture Network: Planning Grant (1993)

The Minnesota Project*

Merging Pollution Prevention Strategies with 21st Century Manufacturing Practices (1993)

Council of Great Lakes Governors
 Council of Great Lakes Industries
 Environmental Defense Fund
 University of Minnesota*
 York University

Environmental Health Education for Great Lakes Physicians (1993)

Chicago Community Trust
 Medical College of Wisconsin*
 Northeastern Ohio Universities College of Medicine
 Physicians for Social Responsibility
 University of Wisconsin

Regional Pollution Prevention Information Resources: A Planning Study (1993)

Air and Waste Management Association
 CAMP, Inc.
 Chemical Manufacturers Association
 Chicago Washington Library
 Development of Peace Documentation Center
 Environment Canada
 Hanson Environmental Engineers
 Health Industries Manufacturers Association
 Illinois Waste Management and Research Center*
 Indiana Department of Environmental Management

IDEAS IN ACTION

Lake Michigan Federation
 Michigan Department of Natural Resources
 Midwest States' Water Pollution Control Association
 Minnesota Technical Assistance Program
 National Environmental Technology Application Center
 National Groundwater Information Center
 Northeast Waste Management Officials' Association
 Ohio Environmental Council
 Pulp and Paper Research Institute of Canada
 Steelcase Inc.
 U.S. Environmental Protection Agency
 University of Illinois
 University of Wisconsin
 Wisconsin Solid and Hazardous Waste Education Center

Phase II of the Great Printers Project (1993)

Braden Sutphin Ink Company
 CAMP, Inc.
 Center for Neighborhood Technology
 Citizen Action Coalition of Indiana
 Citizens for a Better Environment
 Council of Great Lakes Governors
 Environmental Defense Fund*
 Graphic Communication International Union
 Illinois Waste Management and Research Center
 Japs-Olson Company
 Management Institute for Environment and Business
 Massachusetts Toxics Use Reduction Institute
 Minnesota Pollution Control Agency
 Minnesota Technical Assistance Program
 National Institute of Standards and Technology
 Pennsylvania Department of Environmental Resources
 Printing Industries of America
 Printing Industries of Wisconsin
 Printing Industry of Minnesota, Inc.
 Quad/Graphics
 R.R. Donnelley & Sons Company
 Rochester Institute of Technology
 Safety-Kleen Systems, Inc.
 Sterling Sommer, Inc.
 Tower Products
 U.S. Environmental Protection Agency
 Wisconsin Department of Development
 Wisconsin Department of Natural Resources

Pollution Prevention and Chemical Safety (1993)

A.C. Rochester
 American Institute for Pollution Prevention
 Capsule Environmental Engineering

Chicago Area Coalition on Occupational Safety and Health
 Citizens Environmental Coalition
 Citizens for a Better Environment
 Council of Great Lakes Industries
 Dow Chemical Company
 Eastman Kodak Company
 Ecology Center of Ann Arbor
 Environmental Defense Fund
 Environmental Health Watch
 Friends of the Earth
 Grand Calumet Task Force
 Hoosier Environmental Council
 MASCO Corporation
 Michigan Department of Natural Resources
 Michigan State Police
 Minnesota Office of Waste Management
 National Environmental Law Center*
 Ohio Environmental Council
 Ohio Environmental Protection Agency
 Ohm Corporation
 Quanex Steel
 Stock Environment, Ltd.
 U.S. Environmental Protection Agency
 Union Carbide
 United Steelworkers of America
 Wisconsin Department of Natural Resources
 Working Group on Community Right-to-Know

Ecosystem Stewardship Program: Great Lakes Tribal Lands (1993)

InterTribal Fisheries Assessment Program
 Keweenaw Bay Indian Community*
 Potawatomi Tribe
 Red Cliff Band of Lake Superior Chippewa
 Virginia Institute of Marine Science
 Whitewater Association

Great Lakes Basin Intensive Rotational Grazing (IRG) Network (1993)

Indiana Sustainable Agriculture Association
 Jo Daviess County Soil and Water Conservation District
 Michigan State University
 Minnesota Sustainable Farmers Association
 The Ohio State University
 River Alliance of Wisconsin
 U.S. Soil Conservation Service
 University of Guelph
 Wisconsin Rural Development Center*

A Design for Utilizing Supplier Networks for Pollution Prevention (1993)

Ben Franklin Partnership
 CAMP, Inc.

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IDEAS IN ACTION

Carnegie Mellon University*
Council of Great Lakes Governors
Council of Great Lakes Industries
Great Lakes Auto Project
Great Printers Project Steering Committee
Mon Valley Initiative
Pittsburgh Manufacturing Assistance Program
Southwestern Pennsylvania Industrial Resource Centers

Environmental Data for Teaching Great Lakes Pollution Prevention (1993)

Canada Centre for Inland Waters
Great Lakes Environmental Research Laboratory
Great Lakes Fishery Commission
International Joint Commission
The Ohio State University Research Foundation*
Ontario Ministry of Natural Resources
Ontario Ministry of the Environment
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
Wisconsin Department of Natural Resources

Enhancing the Role of Great Lakes Coastal Wetlands for Water Quality Improvement and Wildlife Protection (1993)

Great Lakes Wetland Policy Consortium
International Joint Commission
The Ohio State University Research Foundation*

An Agricultural Profile of the Great Lakes Basin: Characteristics and Trends in Production, Land Use and Environmental Impacts (1993)

Agriculture and Agri-Food Canada
Great Lakes Commission*
Michigan State University
University of Guelph
World Wildlife Fund

Total Quality Environmental Management (1993)

Council of Great Lakes Governors
Council of Great Lakes Industries*
Management Institute for Environment and Business
University of Michigan

Wetlands and Water Quality Planning (1993)

Association of State Wetland Managers
Environment Canada
Environmental Defense Fund
Illinois Department of Conservation
Indiana Department of Environmental Management
International Joint Commission

Lake Michigan Federation
Michigan Department of Natural Resources
Minnesota Bureau of Water and Soil Resources
Minnesota Pollution Control Agency
National Audubon Society
New York State Department of Environmental Conservation
Ohio Environmental Protection Agency
Pennsylvania Department of Environmental Resources
State University of New York
Tip of the Mitt Watershed Council
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Service
The Wetlands Initiative*
Wisconsin Department of Natural Resources

Great Lakes Spill Protection Initiative (1992)

BP Oil Company
Canadian Coast Guard
Clean Sites*
Council of Great Lakes Governors
Delta Institute
Dickstein, Shapiro & Morin
Environmental Defense Fund
Great Lakes Commission
U.S. Coast Guard
U.S. Environmental Protection Agency

Bald Eagles as Ecosystem Monitors in the Great Lakes; Development of Biosentinel Protocol (1992)

Michigan State University
National Park Service
University of Minnesota
Wisconsin Department of Natural Resources*

Planning an Intensive Rotational Grazing Education Network for the Great Lakes Basin (1992)

Eastern Wisconsin Sustainable Farming Network
Illinois Stewardship Alliance
Illinois Sustainable Agriculture Society
Indiana Sustainable Agriculture Association
Michigan Agricultural Stewardship Association
Ohio Ecological Food and Farm Association
The Ohio State University
U.S. Soil Conservation Service
University of Minnesota
Wisconsin Rural Development Center*

Wetland Mitigation Banks and Water Quality Planning (1992)

Applied Ecological Services, Inc.
Association of State Wetland Managers
Environmental Law Institute

IDEAS IN ACTION

Freshwater Foundation
Great Lakes United
Indiana University
Institute for Water Resources
McHenry County Defenders*
Michigan United Conservation Club
The Minnesota Project
National Audubon Society
Pennsylvania Sportsman's Federation
Purdue University
Sierra Club
Tip of the Mitt Watershed Council
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
Wetlands Research, Inc.

The Great Lakes Radio Project (1992)

Cleveland Public Radio
National Public Radio
Superior Radio Network
WBEZ - Chicago
World Media Foundation*
WUWM - Milwaukee
WXXI Public Broadcasting Council

The Great Lakes Radio Project (1992)

Canadian Broadcasting Corporation
CBE - Windsor
CBL - Toronto
CBQ - Thunder Bay
KAXE - Brainerd
KFAI - Minneapolis
KUMD - Duluth
Superior Radio Network*
WBEZ - Chicago
WCPN - Cleveland
WEBR - Buffalo
WNED - Buffalo
WNMU - Marquette
WOJB - Hayward
World Media Foundation
WSLU - Canton
WUWM - Milwaukee
WXPR - Rhinelander
WXXI - Rochester

Pollution Prevention Teleconference Series (1992)

BP Oil Company
CAMP, Inc.*
Center for Hazardous Materials Research
Council of Great Lakes Industries
Cuyahoga Community College
Environment Canada

Honda of America Manufacturing, Inc.
M&T Harshaw
Ohio Chemical Council
U.S. Environmental Protection Agency
University of Tennessee
WRITAR

Geography and the Great Lakes Environmental Education Initiative (1992)

Central Michigan University*
Geography Educators Network of Indiana
Illinois Geographic Alliance
Minnesota Alliance for Geographic Education
New York Geographic Alliance
Ohio Geographic Alliance
Pennsylvania Geographic Alliance
Wisconsin Geographic Alliance

Bald Eagles as Ecosystem Monitors of Great Lakes Water Quality (1992)

Michigan State University*
National Park Service
University of Minnesota
University of Wisconsin
Wisconsin Department of Natural Resources

Lake Superior Biodiversity Project, Phase II (1992)

Apostle Islands National Lakeshore
Bad River Band
Benson Forest Products
Bureau of Indian Affairs
Georgia Pacific
Great Lakes Indian Fish and Wildlife Commission
Great Lakes National Program Office
Keweenaw Bay Indian Community
Lake States Forestry Alliance
Mead Corporation
Michigan Association of Timbermen
Minnesota Audubon Society
Mosinee Paper Corporation
National Resources Research Institute
National Wildlife Federation*
Red Cliff Band of Lake Superior Chippewa
Sierra Club
Sigurd Olson Environmental Institute
U.S. Fish and Wildlife Service
University of Wisconsin
Upper Great Lakes Biodiversity Committee
Upper Peninsula Environmental Coalition
Whitewater Association

*Denotes Project Team Lead

IDEAS IN ACTION

**Great Lakes Toxics Use Reduction
Demonstration Projects: Phase I of the
Great Printers Project (1992)**

Center for Neighborhood Technology
 Citizen Action Coalition of Indiana
 Citizens for a Better Environment
 Clinton River Watershed Council
 Council of Great Lakes Governors
 Environmental Defense Fund*
 Environmental Health Watch
 Grand Calumet Task Force
 Graphic Communication International Union
 Great Lakes Indian Fish and Wildlife
 Commission
 Illinois Waste Management and Research Center
 Japs-Olson Company
 Lake Michigan Federation
 Minnesota Pollution Control Agency
 Minnesota Technical Assistance Project
 Pennsylvania Department of Environmental
 Resources
 Printing Industries of America
 Quad/Graphics
 Sterling Sommer, Inc.
 U.S. Department of Commerce
 U.S. Environmental Protection Agency
 Wisconsin Department of Development
 Wisconsin Department of Natural Resources

**Canada-U.S. Research and Information
Exchange Project on the Human Health Effects
of Toxics in the Great Lakes (1992)**

Agency for Toxic Substances and Disease
 Registry
 Great Lakes Commission
 Great Lakes Research Consortium
 Michigan Department of Community Health
 Minnesota Department of Health
 New York State Department of Health
 Ohio Department of Health
 State University of New York*
 Syracuse University
 U.S. Environmental Protection Agency
 Wisconsin Bureau of Public Health
 World Wildlife Fund

Financing Sustainable Manufacturing (1992)

Center for Neighborhood Technology*
 U.S. Environmental Protection Agency

**Behavioral Effects of Consumption of Lake
Ontario Fish in Humans: Prenatal and Adult
Exposure (1992)**

Environmental Health Sciences Center
 Oswego County OB/GYN PC

Oswego Hospital
 St. John's University
 State University of New York*
 University of Rochester

**Pollution Prevention Teleconference Series
(1991)**

BP Oil Company
 CAMP, Inc.*
 Cuyahoga Community College
 EdjeTech Services
 M&T Harshaw
 Ohio Chemical Council
 U.S. Environmental Protection Agency

**Assimilation of Sediment-Sorbed Contaminants
into Benthos: Role of Ingestion and Desorption
(1991)**

The Ohio State University
 The Ohio State University Research Foundation*

**Great Lakes Regional Specimen Bank
Feasibility Study (1991)**

Ecological Research Services, Inc.
 Michigan Audubon Society*
 Science Applications International Corporation
 UMA Engineering Ltd.

**Factors Controlling Lake Superior Bald Eagle
Productivity: Joint Proposal with Michigan State
University (1991)**

Michigan State University
 National Park Service
 University of Minnesota
 University of Wisconsin
 Wisconsin Department of Natural Resources*

**Facilitating Access to Basin-Wide Health Data
(1991)**

Illinois Waste Management and Research Center
 Indiana Department of Environmental
 Management
 Michigan Office of Waste Reduction
 Minnesota Technical Assistance Program
 New York State Department of Environmental
 Conservation
 Ohio Environmental Protection Agency
 University of Wisconsin*
 Wisconsin Department of Natural Resources

**Great Lakes Technical Assistance Resource
Library (1991)**

Solid and Hazardous Waste Education Center
 University of Wisconsin*



SCIENTIST COLLECTING RESIDUAL WATER IN BALLAST TANKS

IDEAS IN ACTION

Bald Eagles as Ecosystem Monitors of Great Lakes Water Quality: Joint Proposal with Wisconsin DNR (1991)

Canadian Wildlife Service
Genetic Analysis, Inc.
Great Lakes Indian Fish and Wildlife Commission
Illinois Department of Conservation
Indiana Department of Natural Resources
International Joint Commission
Michigan Department of Natural Resources
Michigan State University*
Minnesota Department of Natural Resources
National Park Service
New York State Department of Environmental Conservation
Northern States Bald Eagle Recovery Team
Ohio Department of Natural Resources
Ontario Ministry of Natural Resources
U.S. Department of Agriculture
U.S. Fish and Wildlife Service
University of Minnesota
University of Saskatchewan
University of Texas
University of Wisconsin
Western Lake Superior Resource Management Cooperative
Wisconsin Department of Natural Resources

Translate Contingency Research Data on Bioeffects Observed in Great Lakes Double-Crested Cormorants (1991)

Ecological Research Services, Inc.
Great Lakes United*
Michigan State University

Great Lakes Spill Protection Partnership (1991)

Canadian Coast Guard
Center for the Great Lakes
Council of Great Lakes Governors*
Environment Canada
Great Lakes Commission
U.S. Coast Guard
U.S. Environmental Protection Agency

Agricultural Pollution Prevention: Case Studies of Retail Farm Supply Firms in the Great Lakes Region (1991)

American Farmland Trust
Consumer Federation of America
Environmental Working Group*
Institute for Alternative Agriculture
National Wildlife Federation
National Center for Appropriate Technology
Natural Resources Defense Council

*Denotes Project Team Lead

Public Voice for Food and Health Policy
Soil and Water Conservation Society

Toxic Emission Data Base Project: Feasibility Phase (1991)

Citizens for a Better Environment*
Great Lakes Environmental Administrators
Great Lakes National Program Office
International Joint Commission

Biological and Conservation Data and Maps of Critical Sites within the Great Lakes Basin (1991)

The Nature Conservancy*

Lake Superior Biodiversity Project (1991)

National Wildlife Federation*
Pictured Rocks National Lakeshore
Sierra Club
Sigurd Olson Environmental Institute
U.S. Environmental Protection Agency
U.S. Forest Service
University of Michigan
University of Waterloo

A Proposal to Develop a Sunset Chemical Protocol for the Great Lakes Basin (1991)

C.S. Mott Foundation
George Washington University
Pollution Probe*

Binational Great Lakes Environmental Reporting Workshop—Focus on E-3: Environment, Energy, Economy (1991)

Institute for Research on Public Policy
Scientists' Institute for Public Information*

Bioavailability of Toxic Contaminants Due to Sediment Resuspension During Storm Events (1991)

Argonne National Laboratory
Indiana Department of Natural Resources
Michigan Department of Natural Resources
National Oceanic and Atmospheric Administration
The Ohio State University
Purdue University*
University of Michigan
University of Minnesota
University of Wisconsin

Pollution Prevention Workshops for the Great Lakes Region (1991)

Citizens Environmental Coalition
Citizens for a Better Environment

IDEAS IN ACTION

Hoosier Environmental Council
 Illinois Environmental Council
 INFORM, Inc.*
 Lake Michigan Federation
 Ohio Citizen Action
 Pennsylvania Citizen Action
 Pollution Probe
 Sierra Club

Great Lakes Toxic Pollution Prevention: The Sewage District Connection (1991)

Alliance Technologies Corporation
 Association of Metropolitan Sewerage Agencies
 East Chicago Sanitary District
 Erie County Department of Environment and
 Planning
 Erie Wastewater Treatment Plant
 Gary Sanitary District
 Grand Calumet Task Force
 Green Bay Metropolitan Sewerage District
 Hammond Sanitary District
 Metropolitan Water Reclamation District of
 Greater Chicago
 Lake Michigan Federation*
 Milwaukee Metropolitan Sewerage District
 Muskegon County Sewage District
 Northeast Ohio Regional Sewer District
 Openlands Project
 Western Lake Superior Sanitary District

Development of Microbial Delivery System for In Situ Treatment of Sediments Contaminated with Chlorinated Hydrocarbons (1991)

General Electric Company
 Michigan Biotechnology Institute*
 Michigan State University

Risk Perception, Reproductive Health Risk and Consumption of Contaminated Fish in a Cohort of New York State Anglers—Year 2 (1991)

Albany School of Public Health
 Great Lakes United
 Health and Welfare Canada
 International Joint Commission
 Michigan Department of Community Health
 New York State Department of Environmental
 Conservation
 Ontario Ministry of the Environment
 State University of New York*
 University of Rochester

Hormonal, Reproductive, and Metabolic Effects of Contaminants in Great Lakes Salmon: Use of Salmon as a Wildlife Monitor for Salmon Population Management and Human Health Concerns (1991)

University of Guelph*

Envirovet, Project III: An Intensive ShortCourse in Freshwater Aquatic Animal Medicine/ Environmental Toxicology (1991)

Battelle Laboratories
 Cornell University
 Dow Chemical Company
 Ecological Research Services, Inc.
 Environmental Sciences and Engineering
 Iowa State University
 Michigan State University
 Mississippi State University
 National Aquarium - Baltimore
 National Zoo
 Purdue University
 Rutgers University
 Saint Mary's University
 Southern Illinois University
 U.S. Environmental Protection Agency
 U.S. Food and Drug Administration
 University of Calgary
 University of Guelph
 University of Illinois*
 University of Minnesota
 University of Wisconsin

Development of an Emission Inventory of Toxic Air Contaminants for the Great Lakes States— Phase II (1991)

Environment Canada
 Great Lakes Commission*
 Illinois Environmental Protection Agency
 Indiana Department of Environmental
 Management
 Michigan Department of Natural Resources
 Minnesota Pollution Control Agency
 New York State Department of Environmental
 Conservation
 Ohio Environmental Protection Agency
 Ontario Ministry of the Environment
 Pennsylvania Department of Environmental
 Resources
 U.S. Environmental Protection Agency
 Vermont Department of Environmental
 Conservation
 Wayne County Department of Public Health
 Wisconsin Department of Natural Resources

IDEAS IN ACTION

Pollution Prevention/Zero Discharge Program (1991)

Citizens for a Better Environment
Erie County Environmental Coalition
Great Lakes United*
Pollution Probe
Toxics Action Project

Effects of Environmental Contaminants on Immune Function in Fish Eating Birds of the Great Lakes (1991)

Canadian Wildlife Service
Ecological Research Services, Inc.
Virginia Polytechnic Institute and State University*

Analysis of the Neurotoxic Risk to Humans Due to Consumption of Great Lakes Fish (1991)

Great Lakes Research Consortium
New York State Department of Health*
State University of New York

Great Legacy Program Development (1991)

Canadian Wildlife Service
Center for the Great Lakes*
Fresh Coast Campaign
Michigan Department of Natural Resources
National Association of Conservation Districts
National Audubon Society
The Nature Conservancy
New York Department of State
New York State Department of Environmental Conservation
Ontario Ministry of Natural Resources
Quebec Ministry of Environment
U.S. Department of Agriculture
U.S. Environmental Protection Agency

Improving the Detection of Great Lakes Toxic Substances—A Program of Coordination and Research (1991)

Canada Centre for Inland Waters
Center for Great Lakes Studies
Center for Lake Superior Environmental Studies
Donahue Engineers and Architects
Heidelberg College
Illinois Environmental Protection Agency
Illinois Institute of Technology
Illinois State Water Survey
Indiana State Board of Health
Madison Metropolitan Sewerage District
Mosinee Paper Corporation
National Council of the Paper Industry for Air and Stream Improvement
Ontario Ministry of the Environment

U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
University of Minnesota
University of Wisconsin*
Wisconsin Department of Agriculture, Trade and Consumer Protection
Wisconsin Department of Natural Resources

Tracking Atmospheric Mercury in the Great Lakes Basin (1991)

University of Michigan
U.S. Environmental Protection Agency

Development of a Method for Use by Regulatory Agencies in Assessing the Risks of Halogenated Aromatic Hydrocarbon Exposure on Fish Reproduction (1990)

Environmental Health Directorate
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
University of Wisconsin*
Wisconsin Department of Natural Resources

Great Lakes Regional Specimen Bank Feasibility Study (1990)

Canada Centre for Inland Waters
Canadian Wildlife Service
Council of Great Lakes Governors
Dow Chemical Company
Great Lakes Environmental Research Laboratory
Michigan Audubon Society*
Michigan Department of Community Health
Michigan Tissue Bank
National Audubon Society
National Institute for Standards and Technology
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
University of Michigan

Guide to Pollution Prevention in Remedial Action Plans (1990)

Canadian Institute for Environmental Law and Policy
Great Lakes United*
Greenpeace
Lake Michigan Federation
National Wildlife Federation
Ohio Environmental Council

IDEAS IN ACTION

Weight-of-Evidence Approach for the Development of Fish Consumption Advisory Criteria (1990)

Council of Great Lakes Governors*
Illinois Department of Public Health

Development of an Inventory of Toxic Air Emissions for the Great Lakes States—Phase One (1990)

Great Lakes Commission*
Illinois Environmental Protection Agency
Indiana Department of Environmental Management
Michigan Department of Natural Resources
Minnesota Pollution Control Agency
New York State Department of Environmental Conservation
Ohio Environmental Protection Agency
Pennsylvania Department of Environmental Resources
Wisconsin Department of Natural Resources

Great Lakes Fish Consumption Health Advisories (1990)

American Fisheries Society
Cornell University*
Great Lakes Fishery Commission

Toxins and Genotoxins in the Lower Great Lakes as Reflected by the Frequency of Chironomid Mentum Deformities (1990)

Brock University*
State University of New York

Atmospheric Deposition of Toxic Contaminants in the Great Lakes: Assessment and Importance (1990)

Michigan State University
U.S. Environmental Protection Agency
University of Minnesota*

Envirovet ShortCourse: Year One (1990)

Abbott Laboratories
Dow Chemical Company
Iowa State University
Michigan State University
Purdue University
Southern Illinois University
U.S. Environmental Protection Agency
University of Illinois*
University of Minnesota
University of Wisconsin

Consumption of Contaminated Fish from the Great Lakes as a Risk Factor for Malignant and Benign Thyroid Disease: A Case-Controlled Study (1990)

State University of New York*

Risk Perception, Reproductive Health Risk, and Consumption of Contaminated Fish in a Cohort of New York State Anglers (1990)

Albany School of Public Health
Cornell University
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Pages 2 and 3
Great Lakes Basin Map
Michigan Sea Grant

Pages, 9, 14, 18, 21, 22, 28, and 60
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