



Mark Coscarelli

Senior Policy Fellow

Education

Michigan State University, BS in Environmental and Natural Resource Studies

Michigan State University, MS in Fisheries and Wildlife

Position with Firm

2018–present **Senior Policy Fellow.** Conducts research and analysis on contemporary public policy issues ranging from transportation to natural resources and the environment. Provides mentoring to junior colleagues, guidance and support to clients, and supports PSC’s management structure. Also continues to serve as manager and secretary and oversees staff support for the multimillion-dollar Great Lakes Fishery Trust. In this capacity, manages staff and budgets; and provides strategic direction. Also continues to serve as administrator of the Kalamazoo River Community Recreational Foundation.

2008–2017 **Vice President.** Managed the environmental practice area in the firm’s environment and energy division. Analyzed natural resource and environmental issues and provided strategic counsel and research services to clients at the local, state, and national levels. Facilitated solutions to site-specific environmental issues and assisted in formulating public policy for the sustainable use and protection of natural resources. Managed all aspects of research and technical consulting projects, including scheduling, client contact, project team supervision, budget monitoring, and fulfillment of contracts. Also serves as manager and secretary and oversees staff support for the multimillion-dollar Great Lakes Fishery Trust. In this capacity, managed staff, budgets, and project tasks; provided strategic direction; and managed grants made to a variety of nonprofit and governmental entities. Also served as administrator of the Kalamazoo River Community Recreational Foundation, established in 2013 to support recreational access sites and other stewardship activities on the Kalamazoo River following a 2010 oil spill in Southwest Michigan.

2001–2007 **Senior Consultant.**

Previous Professional Experience

1990–2001 **Senior Environmental Specialist,** *Michigan Department of Environmental Quality, Office of the Great Lakes*, Lansing, Michigan. Manager of the Michigan Great Lakes Protection Fund. Responsible for administration and oversight activities of the fund, which was established to enhance and protect the Great Lakes. Acted as liaison to the technical

advisory board, developed annual funding priorities, and solicited peer reviews. Responsible for project management, including budget tracking, grant reimbursements, and dissemination of research findings. Served as statewide expert for the control of harmful nonindigenous species in Michigan. Monitored state and federal legislation and advised on public policy issues. Responsible for developing and implementing a statewide control program targeting harmful species while serving as liaison to the executive branch, the legislature, and the Michigan Department of Natural Resources.

1989–1990 **Environmental Quality Analyst**, *Michigan Department of Natural Resources, Surface Water Quality Division*, Lansing, Michigan. Project Manager assisting communities in the construction of wastewater treatment facilities. Responsible for the preparation, review, and approval of facility plan documents, awards, change orders, performance certifications, and specifications to confirm eligibility within grant guidelines. Wrote environmental assessments on proposed project sites to determine potential impacts on natural resources and the environment.

1988 **Resource Specialist**, *Michigan State University, Center for Remote Sensing*, Lansing, Michigan. Took active role in the Groundwater Education in Michigan (GEM) program. Performed nitrate analysis on agricultural drinking wells. Results were incorporated into a groundwater database.

1986–1987 **Laboratory Technician**, *Michigan Department of Public Health*, Lansing, Michigan. Performed chemical analysis on drinking water samples. Responsible for setup and monitoring of spectrophotometers and atomic absorption instruments.

Selected Publications and Reports

- *Opportunities to Advance the Nature Conservancy's Agriculture and Altered Hydrology Strategy in the Saginaw Bay Watershed*. 2011. Prepared for the Nature Conservancy.
- *Protecting and Restoring the Upper Looking Glass River: A Watershed Management Plan*. 2008. Prepared for the Clinton Conservation District.
- *Huron-to-Erie Real-time Monitoring and Information: A Recommended Framework for Governance and Funding*. 2008. Prepared for Macomb County Health Department.
- *Saginaw River/Bay Habitat Restoration Plan*. 2008. Prepared for the Partnership for the Saginaw Bay Watershed.
- *Organizational Assessment of the Michigan Department of Natural Resources' Field Structure*. 2007. Prepared for the Michigan Department of Natural Resources.
- *Fish Tainting Beneficial Use Impairment, Saginaw River/Bay Area of Concern: Assessment and Recommendation*. 2007. Prepared for the Partnership for the Saginaw Bay Watershed.
- *An Action Agenda for the Michigan Travel Commission*. 2007. Prepared for the Michigan Travel Commission.

- *The Growing Crisis of Aging Dams: Policy Considerations and Recommendations for Michigan Policy Makers*. 2007. Prepared for the Michigan River Partnership.
- *A Review of Economic Development Best Practices in 49 States: A Report to the Michigan Legislature*. 2006. Prepared for the Michigan Economic Development.
- *Enhancing Fish Passage Over Low-head Barrier Dams in the Saginaw River Watershed*. 2005. Prepared for the Partnership for the Saginaw River Watershed.
- *A Comprehensive Management Plan for Lake St. Clair and the St. Clair River*. Chapter 4—“Habitat and Biodiversity”; Chapter 6—“Recreational Boating and Commercial Navigation.” 2005. Prepared for the U.S. Army Corps of Engineers on behalf of the Great Lakes Commission.
- *Evaluation of the Michigan State Revolving Fund*. 2005. Prepared for the Michigan Infrastructure and Transportation Association.
- *A Strategic Review and Organizational Assessment of the Great Lakes Commission*. 2005. Prepared for the Great Lakes Commission.
- *Saginaw River/Bay Area of Concern—2004 Remedial Action Plan Update*. 2004. Prepared for the Michigan Department of Environmental Quality.
- *Targeting Great Lakes Habitat and Ecosystem Restoration in the New Millennium*. 2003. Prepared pursuant to Section 506 of the 2000 Water Resources Development Act for the U.S. Army Corps of Engineers.
- *Plastic Chamber On-site Disposal Treatment: A Scientific Review for Infiltrator Systems Inc*. 2003.
- *Michigan Forest, Paper, and Wood Products Council: Building a New Approach to Business Advocacy*. 2001. Prepared for the Michigan Economic Development Corporation.
- “Intentional Introductions of Nonindigenous Freshwater Organisms in North America,” with Alan J. Dextrase. 2000. Chapter 4 in *Nonindigenous Freshwater Organisms: Vectors, Biology, and Impacts*. Edited by Renata Claudi and Joseph H. Leach. Boca Raton: CRC Press LLC.
- *Nonindigenous Aquatic Nuisance Species State Management Plan: A Strategy to Confront Their Spread in Michigan*. 1996. Office of the Great Lakes, Michigan Department of Environmental Quality.
- *Zebra Mussels in Michigan: A Report to the Michigan Legislature*. 1991. Office of the Great Lakes, Michigan Department of Environmental Quality.

Regional and State Committees

- Natural Resources Advisory Rules Committee, Office of Regulatory Reinvention, Michigan Department of Licensing and Regulatory Affairs, 2012
- Great Lakes Fishery and Ecosystem Restoration Committee, 2009–present; Chairperson, 2011–2014

- Great Lakes Panel on Aquatic Nuisance Species, 1992–2001; Chairperson, 1996–97
- Fisheries Division Management Team, Michigan Department of Natural Resources, 1994–2001
- Lake Michigan Fishery Advisory Committee, 1995–2001
- Lake Huron Fishery Advisory Committee, 1996–2001
- U.S. Coast Guard ad hoc working group to develop ballast water standards, 2000

Professional Organizations

- International Association of Great Lakes Research, 1994–present
- American Fisheries Society–Michigan Chapter, 1995–present

Membership Organizations

- Ducks Unlimited
- Pheasants Forever