



STATE OF THE STRAIT MONITORING FOR SOUND MANAGEMENT



A BINATIONAL CONFERENCE ON THE DETROIT RIVER ECOSYSTEM

Convened December 2004 by Great Lakes Institute for Environmental Research, University of Windsor, The Greater Detroit American Heritage River Initiative of Metropolitan Affairs Coalition, The Detroit River Canadian Cleanup, The Detroit River International Wildlife Refuge, The Detroit Water and Sewerage Department, and other organizations.

Cover photos: photos left and center (upper and lower): Recreational fishing in the Huron-Erie Corridor (lower center photo by Kurt Byers, Michigan Sea Grant Extension, courtesy of United States Environmental Protection Agency, Great Lakes National Program Office; other photos courtesy of OMNR); upper right: Scientist sampling water, benthic invertebrates and sediment in Lake Erie (photo courtesy of Environment Canada and University of Windsor); lower right: Longear sunfish (*Lepomis megalotis*) (photo courtesy of Nicolas Lapointe)

STATE OF THE STRAIT
MONITORING FOR SOUND MANAGEMENT

2004 Conference Proceedings

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Based on a binational conference convened by
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Detroit American Heritage River Initiative of Metropolitan Affairs Coalition Detroit
River Canadian Cleanup, Detroit River International Wildlife Refuge, Detroit Water
and Sewerage Department, and other organizations.

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APPENDIX I: CONFERENCE PROGRAM

8:00 REGISTRATION, POSTER AND DISPLAY SET-UP

9:00 Welcoming remarks

Dr. Ross Paul, University of Windsor
Mr. Rocco Delvecchio, Canadian Consulate General

9:15 Keynote address: Monitoring for Sound Management

John Gannon, International Joint Commission

9:45 Introductory remarks: Monitoring the Detroit River

Robert McCrea, Environment Canada

10:05 BREAK

SESSION I. TRADITIONAL MONITORING

Moderator: Charlie Bristol, Bristol Technical Services, Inc.

10:30 Utilization of Water Quality Monitoring Data to Support the City of Detroit's Long Term Combined Sewer Overflow Control Plan

Imad Salim, Wade Trim, Mirza Rabbaig, Detroit Water and Sewerage Dept.,
Tony Igwe, Wade Trim, and Julie Aichler, CDM

10:50 City of Windsor Pollution Control Services Monitoring Plan for Pollution Control and Prevention

Paul Drca, City of Windsor

11:10 Rouge River Water Quality: A Decade of Progress

Colleen Hughes, CDM, Kelly Cave, Wayne County Dept. of Environment,
Joe Rathbun, Michigan Department of Environmental Quality, and Chris
Catalfio, Applied Science, Inc.

11:30 Monitoring in Support of Modeling

Ken Drouillard, Great Lakes Institute of Environmental Research, University
of Windsor

12:00 LUNCH, POSTER AND DISPLAY SESSION

SESSION II. BIOMONITORING

Moderator: **John Hartig**, U.S. Fish and Wildlife Service

1:00 Fish and Fisheries of the Detroit River

Timothy B. Johnson, **Don MacLennan**, and **Stan Powell**, Ontario Ministry of Natural Resources, **Robert C. Haas**, Michigan Department of Natural Resources

1:20 Hawk Migration Studies by Southeastern Michigan Raptor Research at the Detroit River Mouth

Paul Cypher, Southeastern Michigan Raptor Research

1:40 Aerial Canvasback Survey of Lake St. Clair, Detroit River and Western Lake Erie

Joseph Robison, Michigan Department of Natural Resources

2:00 Trends in Bald Eagle Population Size and Productivity along the Detroit River and on the North Shore of Lake Erie

Dawn K. Laing and **Debbie S. Badzinski**, Bird Studies Canada

2:30 BREAK, POSTER AND DISPLAY SESSION

SESSION III. VOLUNTEER MONITORING

Moderator: **Melanie Coulter**, Detroit River Canadian Cleanup

3:00 Citizens in Action: Christmas Bird Counts and Project FeederWatch

Sarah Rupert, Point Pelee National Park of Canada

3:20 Rouge River Volunteer Frog and Toad Survey

Sally Petrella, Friends of the Rouge

3:40 Stream Team: Ten Years of Downriver Watershed Monitoring

Bruce Szczechowski and **John Nasarzewski**, Stream Team, Southgate Anderson High School

4:00 The Marsh Monitoring Program: Monitoring the Ecological Integrity of Wetlands in Great Lakes Areas of Concern

Tara L. Crewe, Bird Studies Canada

4:30 Closing remarks

John Hartig, U.S. Fish and Wildlife Service

Jan Ciborowski, University of Windsor

5:00-6:00 RECEPTION