

Fourth Annual Freshwater Summit
Keynote Speaker: Great Lakes Author Jerry Dennis

October 28, 2011

Northwestern Michigan College
Great Lakes Campus, Hagerty Center
715 East Front Street
Traverse City, Michigan

Water and Wildlife

The Freshwater Summit is Co-Hosted by
Watershed Center Grand Traverse Bay
MSU Extension – Michigan Sea Grant
Water Studies Institute, Northwestern Michigan College
Network of Lake Associations
Tip of the Mitt Watershed Council

The Freshwater Summit is a product of the Freshwater Roundtable
The Freshwater Roundtable includes

Conservation Resource Alliance
Grand Traverse Conservation District
Inland Seas Education Association
Michigan Department of Environmental Quality
Michigan Department of Natural Resources
MSU Extension – Michigan Sea Grant
The Nature Conservancy
Traverse City Rotary Water Committee
Watershed Center Grand Traverse Bay
Water Studies Institute, Northwestern Michigan College



9:00 – 9:30 a.m. Registration Open

Hagerty Center – Rotary Hall

9:30 – 10:15 Plenary Session

Hagerty B & C

- ❖ Welcome, Introductions and Opening Remarks
 - Hans Van Sumeren, Director, Water Studies Institute, Northwestern Michigan College
 - Video greeting from Sen. Carl Levin, introduced by Gabe Schneider, Regional Representative for Sen. Levin
 - Andy Knott, Executive Director, Watershed Center

- ❖ The Great Lakes Restoration Initiative: Protecting Your Up North Waters
 - Mark Breederland, Extension Educator, Michigan Sea Grant

10 minute break

10:25 – 11:25 Plenary Session

Hagerty B & C

- ❖ Historic Changes in the Lower Food Web of Lake Michigan
 - Dr. Gary Fahnenstiel, Senior Ecologist, National Oceanic and Atmospheric Administration, Great Lakes Environmental Research Lab

11:30 – 1:00 Plenary Session Lunch and Keynote

11:30 Buffet open in Rotary Hall

12:00 – 1:00 Hagerty B & C

- ❖ Keynote~*The Windward Shore: A Winter on the Great Lakes*
 - Author Jerry Dennis
 - Book signing afterward with Jerry Dennis and artist Glenn Wolff

10 minute break

1:10 – 2:30 Concurrent Sessions

Hagerty B & C

- ❖ Wild Bird Habitat and Native Shoreline Plants
 - Brian Allen, Editor, American Birding Association's *A Birder's Guide to Michigan*, and President, Manistee Audubon Society
 - Abby Gartland, Director of Preserve Stewardship, Grand Traverse Regional Land Conservancy

Hagerty A

- ❖ Investigating Botulism in the Lake Michigan Nearshore at Sleeping Bear Dunes National Lakeshore
 - Hans Van Sumeren, Director, Water Studies Institute, Northwestern Michigan College
 - Chris Otto, Water Quality Technician, Sleeping Bear Dunes National Lakeshore

Room 112 – Inland Lakes Track

- ❖ Inland Lakes Networking and Strategy Session
 - Sponsored by Network of Lake Associations, facilitated by Dean Branson, President, Three Lakes Association

10 minute break

2:40 – 4:00 Concurrent Sessions

Hagerty B & C

- ❖ Freshwater Studies and Community Service Abroad: Lessons from Integrated Farming Practices in Costa Rica
 - Constanza Hazelwood, Education and Outreach Coordinator, Water Studies Institute, Northwestern Michigan College
 - Erika Galarza, Intern, EARTH University
 - Bruce Holland-Moritz, Freshwater Associates student, Northwestern Michigan College

Hagerty A

- ❖ Findings from the Hydrographic Surveys of Grand Traverse Bay: Bringing Clarity to the World Below
 - Hans Van Sumeren, Director, Water Studies Institute, Northwestern Michigan College

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4:00 Adjourn

Please leave your completed evaluation form on the registration table. Thank you!

See you next year!