



Michigan Lake Stewardship Associations



58th Annual Conference
May 3rd and 4th, 2019
Crystal Mountain Resort

Conference Agenda Friday, May 3rd, 2019

8:00 AM - 6:00 PM

General Conference and CLMP Registration
All CLMP people in training are welcome to all breakout sessions and the exhibitor area!

Conference Area

10:00 AM - Noon

Welcome and Opening Remarks
 MLSA President Mike Gallagher
 MLSA Vice President John Wilks

Keynote Speaker
 Dr. Alan Steinman
 Director, Robert B. Annis Water Resources Institute
 Grand Valley State University

**NW Territories
 B & C**

Noon - 1:30 PM

Lunch and Recognition
Please wear your name tag.

**James Bay
 (Lower Level)**

General Topic Breakout Sessions

1:30 PM - 2:30 PM

PFAS Issues and Actions
 Steve Sliver
 PFAS Executive Lead, DEQ
 Daniel Brown
 Watershed Planner, Huron River Watershed Council
 Dr. Richard R. Rediske
 Senior Program Manager & Professor
 Robert B. Annis Water Resources Institute
 Grand Valley State University
SESSION RECORDED AND AVAILABLE ON LINE TO MLSA MEMBERS

NW Territories B

Tip of the Mitt Conservation and Funding Lessons
 Jennifer Buchanan
 Tipp of the Mitt Watershed Council

NW Territories C

Aquatic Invasive Species—State Actions and Joint Efforts of the AIS Task Force
 Ron Olson: Chief, Parks and Recreation, Michigan DNR
 Lon Nordeen: Michigan Waterfront Alliance/MLSA

Arctic Bay

2:30 PM - 3:00 PM

Break

Conference Area



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General Topic Breakout Sessions

3:00 PM - 4:00 PM

Farming and Its Impact on Lakes and Watersheds
Tom Zimnicki
Michigan Environmental Council
Ben Tirrell
Manager, Right to Farm Program
Michigan Agriculture and Rural Development
Dr. Kurt Steinke
Associate Professor of Soil Fertility and
Nutrient Management
Michigan State University
SESSION RECORDED AND AVAILABLE ON LINE TO MLSA MEMBERS

NW Territories B

Managing Exotic Invasive Starry Stonewort
Dr. Doug Pullman, Aquest
Tyler Geer, Ph.D. Candidate, Clemson University
Dr. John Rodgers, Professor of Ecotoxicology
Clemson University

NW Territories C

**Lakeshore Conservation
Program Options for the Local Level**
Joe Nohner
Michigan DNR Inland Lakes Analyst
Julia Kirkwood
Michigan DEQ Senior Environmental Analyst

Arctic Bay

5:00 PM - 8:00 PM

**MLSA Evening Reception
Snacks then Hors D'oeuvres
Beer, Wine & Pop Compliments of Exhibitors & MLSA
Door Prizes
Exhibitors
Mini Discussion Sessions**
- Boat Washing, CLMP Veterans, Best Ideas,
Networking With Neighboring Lakes -

**James Bay
(Lower Level)**

8:00 PM - 9:00 PM

Michigan Riparian Rights and Water Law
Question and Answer Session
Clifford H. Bloom Attorney-at-Law
Bloom Sluggett, P.C.

**NW Territories
B & C**



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Conference Agenda
Saturday, May 4th, 2019

6:30 AM - 8:30 AM
7:30 AM - 8:30 AM
Cliff Bloom

Breakfast with Cliff
Annual Michigan Riparian & Water Law Review
 Clifford H. Bloom, Attorney-at-Law

James Bay

8:00 AM - 10:00 AM

General Conference and CLMP Registration
All CLMP people in training are welcome to all breakout sessions and the exhibitor area!

Conference Area

General Topic Breakout Sessions

9:00 AM - 10:30 AM

Wake Boats-Issues and Impacts for Michigan Lakes
 Michael J. Smith, Certified Marine Insurance Professional
 Dr. Paul Webb Ph.D., Professor Emeritus
 University of Michigan
 Larry Meddock, Chairman,
 Water Sports Industry Association
 Jerry Brouwer, Founder and President and Brian Lerch
 Action Water Sports
SESSION RECORDED AND AVAILABLE ON LINE TO MLSA MEMBERS

NW Territories B

9:00 AM - 10:30 AM

The Use of Unmanned Aerial Vehicles to Support Lake Management
 Rob Karner, Watershed Biologist, Glen Lake
 Jim Hamp, Crystal Lake
 Dennis Wiand, Zero Gravity

NW Territories C

9:00 AM - 10:30 AM

Impact of Septic System Leakage on Lakes
 Beth Clawson, Michigan State University Extension
 J. Eric Johnston, R.S., Director of Environmental Health,
 Benzie-Leelanau District Health Department
 David Cotton, Director, Onsite Wastewater Program,
 Michigan Department of Environmental Quality

Arctic Bay

9:00 AM - 12:00 PM

Aquatic Plant Identification
 Dr. Jo Latimore, Aquatic Ecologist and Outreach Specialist,
 Department of Fisheries and Wildlife,
 Michigan State University
 and
 Erick Elgin, Water Resources Educator,
 Michigan State University Extension

NW Territories A



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Conference Agenda
Saturday, May 4th, 2019

11:00 AM - 12:00 PM

Lake Levels, Dams and the Role of Drain Commissioners on Michigan Inland Lakes
 Brian J. Cenci, P.E. Vice President, Eng., Inc.
SESSION RECORDED AND AVAILABLE ON LINE TO MLSA MEMBERS

NW Territories B

College Interns and Lake Management Effective Cooperation
 Dr. Constanza Hazelwood, NW Michigan College

NW Territories C

Lake Zoning Issues
 Mary Reilly, MSU Extension
 Kris Olson, Huron River Watershed Council

Arctic Bay

12:00 PM—1:30 PM

Lunch and Recognition
Please wear your name tag.

James Bay (Lower Level)

General Breakout Sessions

1:30 PM - 3:00 PM

Dealing with Swimmers Itch
 Caroline Keson: Tip of The Mitt Watershed Association

NW Territories B

Toxic Blue-Green Algae and Inland Lakes
 Dr. Lois Wolfson, MSU:
 “Evolutionary history of blue-green algae and their ability to adapt on earth”
 Dr. Ann St. Amand, PhycoTech:
 “Cyanobacteria and their toxins: Detection and Harmful Ecosystem Impacts”
 Dr. Jennifer Jermalowicz-Jones, RLS:
 “Management of blue-green algal blooms in inland lakes.”

NW Territories C



MiCorps Cooperative Lakes Monitoring Program (CLMP) Training Agenda
Michigan Lake Stewardship Associations Annual Conference
Crystal Mountain Resort – Thompsonville, Michigan
May 3-4, 2019

Friday, May 3, 2019

8:00 AM – 9:00 AM	MiCorps CLMP Training Registration	Conference Area
8:30 AM – 9:30 AM	CLMP Equipment Disbursement	Conference Area
	<u>MiCorps CLMP Training Sessions</u>	
9:30 AM – 9:45 AM	Welcome and 2018 CLMP Review Marcy Knoll Wilmes, MiCorps/MDEQ Water Resources Division	NW Territories A
9:45 AM – 10:45 AM	Secchi Disk & Spring/Summer Phosphorus Dr. Paul Steen, MiCorps/Huron River Watershed Council	NW Territories A
10:45 AM – 11:00 AM	BREAK	Conference Area
11:00 AM – Noon	Score the Shore: Nearshore Habitat Assessment Dr. Jo Latimore, MiCorps/MSU Outreach Specialist Dr. Paul Steen, MiCorps/Huron River Watershed Council	NW Territories A
Noon – 1:00 PM	BREAK	Conference Area
1:00 PM – 2:30 PM	Exotic Aquatic Plant Watch Dr. Jo Latimore, MiCorps/MSU Outreach Specialist Erick Elgin, MSU Extension, Water Resources Educator	NW Territories A
2:30 PM – 2:45 PM	BREAK	Conference Area
2:45 PM – 4:00 PM	Chlorophyll-a Dr. Paul Steen, MiCorps/Huron River Watershed Council	NW Territories A
4:00 PM – 5:00 PM	Dissolved Oxygen and Temperature Monitoring Marcy Knoll Wilmes, MiCorps/MDEQ Water Resources Division	NW Territories A

Saturday, May 4, 2019

9:00 AM – Noon	Aquatic Plant Identification Dr. Jo Latimore and Erick Elgin	NW Territories A
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After training, MLSA welcomes you to attend the MLSA Conference breakout sessions and visit the exhibitor area!