

**Great Lakes, Great Challenges Forum
Oakland University Banquet Room A/B
Rochester, Michigan -- Thursday, March 14, 2013
Draft Agenda**

- 7:00 – 7:30 Exhibitor set-up
- 7:30 – 8:30 Breakfast with Exhibitors – Brief remarks from OC Water Resources Commissioner Jim Nash
- 8:30 – 8:35 Welcome from Oakland University
- 8:35 – 8:45 Welcome from IJC ([Chair Lana Pollack](#))
- 8:45 – 9:15 Plenary Speaker 1: [Dr. Jan Ciborowski](#) (University of Windsor)

[Great Lakes Environmental Assessment and Mapping](#)

- 9:15 – 9:45 Plenary Speaker 2: [Dr. Don Scavia](#) (University of Michigan, Graham Family Professor of Sustainability)

[Challenges of Nutrient Pollution in Lake Erie](#)

The re-emergence of Harmful Algal Blooms in Lake Erie's Western Basin and Hypoxia in the Central Basin has raised concern in the scientific, policy, and public sectors. With the increased policy attention and new scientific information, we have an opportunity to review and renew nutrient loading targets for Lake Erie. This presentation will provide context for those discussions.

- 9:45 – 10:15 Break with Exhibitors

- 10:15 – 11:30 Great Lakes, Great Challenges: Presentations and Panel Discussion

Session will focus on the [IJC Lake Erie Ecosystem Priority](#) and the development of recommendations to government to reduce phosphorus loads and growth of harmful algae.

Presenters

[Dr. Michael Murray](#) (National Wildlife Federation)
Impacts of Climate Change on Water Quality

[Dr. Shawn McElmurry](#) (Wayne State University)
Assessment of Best Management Practices to Reduce Phosphorus Loads

[Dr. Frank Lupi](#) (Michigan State University)
Economic Impacts of Harmful Algae

- 11:30 – 12:00 Plenary Speaker 3: [Dr. Linda Schweitzer](#) (Oakland University)

Great Lakes Water Quality and Health

12:00 – 1:00 Lunch with Exhibitors, Remarks by [Macomb County Executive Mark Hackel](#)

1:00 – 1:30 Plenary Speaker 4: [Jon Allan \(Director, Michigan Office of the Great Lakes\)](#)

Michigan's Water Strategy

1:30 – 2:45 Solutions 1: Presentations and Panel Discussion

Managing Infrastructure to Improve Water Quality

Session will cover management of infrastructure to improve water quality, including: condition assessment of aging water & wastewater systems, strategies to reduce energy costs and methods for removing algal toxins

Presenters

[David Vago](#) (Midwest Asset Management Consultants)
Developing an Asset Management Plan to Achieve Sustainability

This presentation will discuss the interplay of the Sustainability Plan and the Asset Management Plan. An Asset Management Plan combines condition assessment with criticality rating. The presentation will discuss the role of a Sustainability Report in determining criticality, methodologies for assigning a condition score, and how the two are combined to assign Business Risk.

[PJ Dada](#) (Detroit Water and Sewerage Department)
Strategies to Reduce Water Loss & Energy Use

[Dr. Arash Zamyadi](#) (Drinking Water Research Group, Univ. of Toronto)
Responding to the Challenge of Harmful Algal Blooms in Source Water

2:45 – 3:00 Break with Exhibitors

3:00 – 4:00 Solutions 2: Presentations and Panel Discussion

From Grey to Green: New Approaches to Stormwater and Water Quality

Session will cover new concepts ranging from reuse of grey water to green infrastructure to help system operators improve management of storm water.

Presenters

Kelly C. Karll, PE ([Southeast MI Council of Governments](#))
Planning for Green Infrastructure Implementation in the Region

Sustainability in Southeast Michigan means managing contraction in population, employment, and fiscal capacity, while simultaneously improving economic opportunity, social equity, and environmental quality. A common outcome for creating success in the southeast Michigan region is healthy, attractive environmental assets. An important component of achieving this outcome includes reducing stormwater runoff to the region's water resources and which can be achieved through implementation of green infrastructure. This presentation will focus on the importance of green infrastructure planning to achieve systematic reductions in stormwater runoff while also highlighting current planning efforts, including the Regional Green Infrastructure Vision and DWSD's Long-Term Green Infrastructure Strategy.

Bob Harbron (Project Director, Black & Veatch)

Toledo's Wet Weather Treatment Facility: Impacts on Water Quality

[Pat Lindemann](#) (Ingham County Drain Commissioner)

Grey Water Solutions

4:00 Closing Remarks

- See more at: http://www.ijc.org/en_/news?news_id=96#sthash.r1c1j6Lq.dpuf