



RESEARCH NEEDS WORKSHOP 3.02

**Developing and Evaluating Dynamic Environment/Habitat Models
for the Huron-Erie/St. Clair Corridor**

April 13-14, 2005
Oak Room of Vanier Hall
University of Windsor
Windsor, Ontario, Canada

AGENDA

Wednesday – April 13, 2005 - Oak Room, Vanier Hall

0930 **Registration and Coffee**

1000 Welcome and introductions.

Purpose, Review, Organizational Framework, and Goals

Jan Ciborowski

1015 Synopsis of LEMN 3.0.1 Environmental Zones and Habitat

Scudder Mackey

1035 **Presentation Session 1 – Connecting Waters and Channels :**

(Except where noted, 20 - minute presentations; 5 minutes for questions/comments - strictly enforced)

	<u>Topic</u>	<u>Speaker</u>
1035	2D Transient Flow Model St. Clair-Detroit River	Dave Holtschlag, USGS
1100	Sediment Contaminant Modelling – Detroit River	Ken Drouillard, Univ. Windsor
1125	Data Collection and Spatial Patterns	Phil Graniero Univ. Windsor
1200	Lunch (provided)	
1245	Erosion and Modeling in the Detroit-St. Clair River System	Rob Nairn, Baird and Associates
1320	Discussion	

1350 **Presentation Session 2 – Coastal Margin, Open Lake, Western Basin**

(Except where noted, 20 - minute presentations; 5 minutes for comments - strictly enforced)

	<u>Topic</u>	<u>Speaker</u>
1350	Nearshore dynamics and substrate stability (15 min)	Scudder Mackey, Univ. Windsor
1405	Modeling Gt. Lakes Coastal Wetland Vegetation Community Response to Climate Change	Andrea Hebb, Univ. Waterloo
1430	Nearshore Fish Habitat Communities	Susan Doka, Fisheries & Oceans, Canada
1500	Break	

1515 Presentation Session 2 (Continued)

	<u>Topic</u>	<u>Speaker</u>
1515	Circulation Patterns in western Lake Erie	David Schwab, NOAA
1530	Lake St. Clair water circulation model	Scudder Mackey, Univ. Windsor
1545	Restoration of the Cat Island Chain in Green Bay	Rob Nairn, Baird and Associates
1600	Fish Modelling in Western Lake Erie & Saginaw Bay	Ed Rutherford, Univ. Michigan

1630 Discussion

Overlap, potential interactions, additional research, data collection & validation needs

1700 Wrap Up and Adjourn for Day - Charge for Thursday

Thursday – April 14, 2005 - Katzman Lounge, Vanier Hall

0830 Continental Breakfast and Coffee

0900 Recap of Day One information.
Goals for the day

Scudder Mackey

0915 Breakout Session 1

Moderator: Jan Ciborowski

1030 Break

1045 Report Out

1100 Roundtable Discussion

1200 Lunch

1300 Breakout Session 2

Moderator: Scudder Mackey

1415 Report out

1430 Break

1445 Roundtable Discussion

1545 Summary and Next Steps

1600 Adjourn