

Canadian Water Resources Association

Ontario Winter Workshop

Friday February 5, 2010 - Burlington, Ontario

Trans-boundary Issues in Water Quality Management: Multi-jurisdictional Approaches in Canada and the U.S.

Workshop Objectives:

- **Assess** the states of the art and science in management of water quality on various boundary issues in Canada and the US with an emphasis on the Great Lakes Basin.
- **Explore** through case studies, innovative and effective best practices for addressing boundary issues.
- **Promote** interdisciplinary approaches for integrated trans-boundary water quality management.

Water quality concerns continue to command attention and resources across North America and the globe. Finding effective means to recover and sustain good water quality is especially challenging in basins that cover multiple jurisdictions.

In all its forms, water knows no boundaries. Boundary issues can span across physical, natural, surface water, groundwater, atmospheric, institutional, political, theoretical, perceived, organizational, technological and temporal scales. Boundary issues can confound or enhance the success of projects, science, methods and performance in water quality management.

There is a lot going on in the field of water-quality management. The Great Lakes Water Quality Agreement between Canada and the United States is under review, as is the Canada-Ontario agreement on Great Lakes water-quality management. Canada and the United States are currently dealing with multi-jurisdictional challenges, preparing policies and adopting new practices to achieve water-quality objectives for the Great Lakes.

What is clear is that boundary considerations provide both opportunities and challenges. Speakers from both Canada and the United States will present case studies to emphasize the lessons learned about what to do and what not to do in making progress toward a policy framework capable of producing sustainable water-quality outcomes. This workshop will explore differences and similarities in approaches and results in Canada and the US focusing on water quality management and trans-boundary issues to address the workshop objectives.

Registration Deadline January 25, 2010

**National Water Research Institute
Canada Centre for Inland Waters
Environment Canada
867 Lakeshore Road, P.O. Box 5050
Burlington, ON. L7R 4A6**

<http://www.ec.gc.ca/inre-nwri/default.asp?lang=En&n=C7CF6389-1#CCIW>

For More Information Please Visit: CWRA.org

Please See Attached Registration Form.

Canadian Water Resources Association

Friday, February 5, 2010



DRAFT AGENDA

- 8:15 – 9:00 a.m. Registration and Coffee
- 9:00 – 9:10 a.m. Welcome and Overview – Scott Duff, OMAFRA
- 9:10 – 9:35 a.m. *‘Water Quality Issues in Shared Watersheds in Developing Countries’*
Colin Mayfield, United Nations University–Institute for Water, Environment & Health
- 9:35 – 10:00 a.m. *‘Opportunities to Regenerate Great Lakes Excellence’*
Dr. Gail Krantzberg, McMaster University
- 10:00 – 10:25 a.m. *‘Approaches to Addressing Water Quality Issues in the Red River Basin’*
Mike Renouf, Trans-boundary Waters Unit of Environment Canada's Prairie & Northern Region
- BREAK**
- 10:45 – 11:10 a.m. *‘Boundaries in Setting Agri-Environmental Priorities’*
Dr. Pamela Joosse, Ontario Ministry of Agriculture, Food and Rural Affairs
- 11:10 – 11:35 a.m. *‘Air Sources of Phosphorous and Lake Simcoe’*
Mike Walters, Lake Simcoe Region Conservation Authority
- 11:35 – 12:00 p.m. *‘Boundaries and Water Quality Trading’*
Mark Keiser, Keiser & Associates
- LUNCH**
- 1:00 – 1:25 p.m. *‘The Great Lakes Water Quality Agreement: Challenges and Opportunities in Linking Watersheds and the Lakes in Science, Resource Management and Policy’*
Dr. John Gannon, International Joint Commission and Water Quality Board
- 1:25 – 1:50 p.m. *‘Binational Lakewide Management Plans in the Great Lakes’*
John Marsden, Environment Canada
- 1:50 – 2:15 p.m. *‘The Lake Erie Nutrient Strategy: Binational Action Toward a Shared Vision’*
Mary Ellen Scanlon, Ministry of the Environment
- 2:15 – 2:40 p.m. *‘Toward a National Water Policy in Canada’*
Andrew Szojka, President, Canadian Water Research Association
- 2:40 – 3:05 p.m. *‘Rapporteur’s Summary’*
Krystyn Tully, Vice President and co-founder Lake Ontario Waterkeeper

National Water Research Institute,
Canada Centre for Inland Waters, Environment Canada
867 Lakeshore Road, Burlington, Ontario

Speakers and Panelists

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Dr. Gail Krantzberg- McMaster University

Dr. John Gannon- International Joint Commission and Water Quality Board
EPA and Environment Canada Project Coordinators Lake Erie Nutrient Management Strategy

Dr. Pamela Joosse- Ontario Ministry of Agriculture Food and Rural Affairs

Mike Walters- Lake Simcoe Conservation Authority

Andrew Szojka, CWRA National President (TBC)

United Nations University, Institute for Water, Environment & Health (TBC)

EPA Project Coordinator Chesapeake Bay Watershed TMDL (TBC)

Plus other federal, state and provincial representatives.

Map and Directions

National Water Research Institute

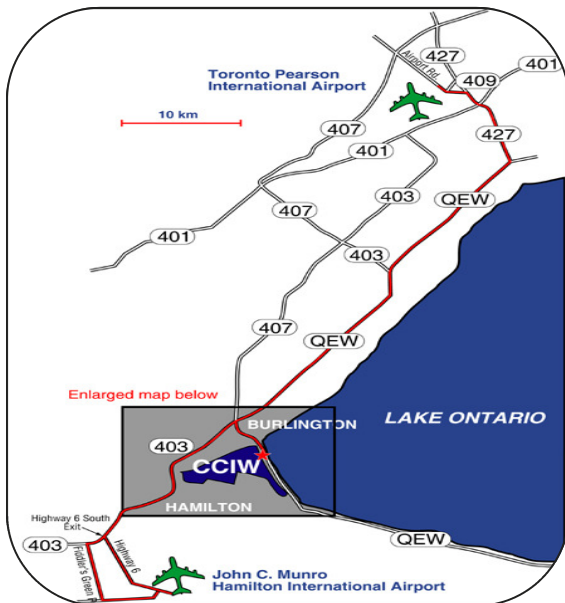
Canada Centre for Inland Waters

Environment Canada

867 Lakeshore Road, P.O. Box 5050

Burlington, ON. L7R 4A6

<http://www.ec.gc.ca/inre-nwri/default.asp?lang=En&n=C7CF6389-1#CCIW>



Directions from Pearson International Airport

Take the Highway 427 South ramp.

Travel on Highway 427 South for 10 km.

Take the QEW exit toward Hamilton (westbound). 1 km

Merge onto QEW and travel 40 km Hamilton/Niagara.

Take the QEW Niagara at the QEW/403 split

Take the Hwy-2/North Shore Blvd./Eastport Drive exit (right before Skyway Bridge) 0.4 km

Stay straight to go onto Eastport Dr. 0.4 km

Take Eastport Dr. 1.5 km

At the first set of lights turn right onto CCIW access road. 0.3 km

Total Estimated Time: 40-45 minutes **Total Distance:** 55 km.

Directions from John C. Munro Hamilton International Airport to CCIW.

Head southwest toward HWY-6 (0.6 km)

Turn right at HWY-6 (6.8 km)

Take the ramp to HWY-403 E (0.2 km)

Merge onto Provincial Route 403 E. (20 km)

Take the QEW exit towards Niagara/Fairview St./Plains Rd. (1 km)

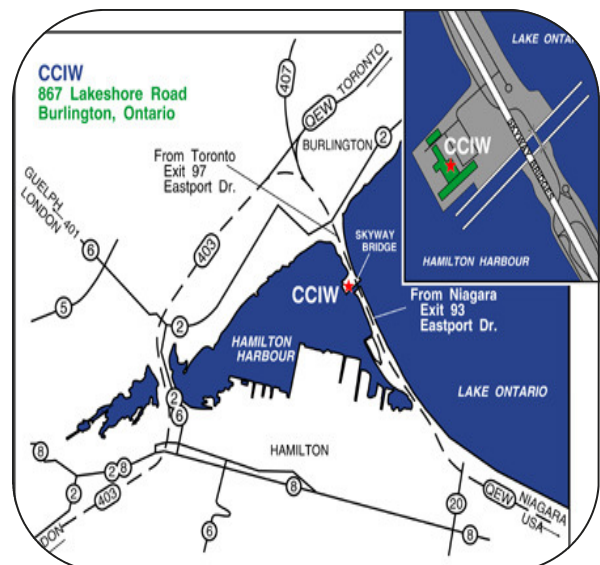
Merge onto QEW (1.5 km)

Take the Hwy-2/North Shore Blvd./Eastport Dr. exit. (0.4 km)

Stay straight on Eastport Dr. (0.4 km)

At the first set of lights turn right onto CCIW access road. 0.3 km

Total Estimated Time: 37 minutes **Total Distance:** 34 km



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Canadian Water Resources Association Registration Form

February 5, 2010

Registrant Information

Location: National Water Research Institute

Canada Centre for Inland Waters
Environment Canada
867 Lakeshore Road, P.O. Box 5050
Burlington, ON. L7R 4A6

<http://www.ec.gc.ca/inre-nwri/default.asp?lang=En&n=C7CF6389-1#CCIW>

Mr. / Mrs. / Ms. (circle one)

Name (First, Initial): _____

Name (Last): _____

Organization: _____

Title / Role: _____

Phone: _____

Fax: _____

Mailing Address: _____

City, Province / PC: _____

Seminar Fees and Payment Details

Fee: (please circle the rate that applies to you)

G.S.T. Registration #: R10077-3779-RT0001

CWRA Members \$71.42 + \$ 3.57 GST = **\$75.00**

Non-members \$104.76+ \$5.24 GST = **\$110.00**

Students and seniors \$28.60 + \$ 1.43 GST = **\$30.00**

CWRA Membership #: _____

Method of Payment: (please circle the method of payment)

Cheque, please make payable to: **Canadian Water Resources Association – Ontario Branch**

Visa/MasterCard (provide details below) or Money Order

MasterCard / Visa: Card Number: _____

Name on card: _____

Expiry Date: _____

Please Return Registration To:

Ed Gazendam

Water's Edge

Box 25035

Cambridge, ON. N3C 1Z0

Phone: 519.651.2390

Fax: 519.651.2394

Email: egazendam@watersedge-est.ca

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