



“Linking Science and Information to Decision Processes in Communities, Cities and Watersheds”

**A Workshop in Successful Water Quality Practices in North America
held as part of the
Ecological Monitoring and Assessment Network National Science Meeting 2004
Loews Le Concorde Hotel, Quebec City, Quebec
30 November – 1 December 2004**

(Questions will be encouraged during the presentations)

See <<http://www.eman-rese.ca/eman/>> for full conference details

Workshop Objective: The objective of the workshop is to examine how to link science and information to decision processes in cities, communities and watersheds and to examine how widespread access to relevant, timely information is basic for an active multi-stakeholder process and for informed adaptive management choices and actions.

Tuesday, 30 November 2004: “Community Perspectives”

8:30 Opening Remarks

Tim Whitehouse, Head, Law and Policy Program, Commission for Environmental Cooperation

Ann Bourget, Conseillère municipale, Associée au Comité exécutif, Ville de Québec

Bernhard Griesinger, Office of Sustainable Development, Organization of American States

Hague Vaughn, Director, Ecological Monitoring and Assessment Network, Environment Canada

8:50 Panel 1: An Overview of Freshwater Quality Issues in North America

Government representatives from Canada, Mexico and United States will present an overview of the main water quality and policy issues facing their respective countries.

Moderator: Tim Whitehouse, Head, Law and Policy Program, Commission for Environmental Cooperation

Canada: Jennifer Moore, Director General, Water Policy and Coordination Directorate, Environment Canada

Rob Kent, Chief, National Water Quality Monitoring Office, Environment Canada

Mexico: Dr. Aldo Iván Ramírez, Coordinator of Treatment and Water Quality, Mexican Institute of Water Technology

United States: Roger Gorke, Policy Advisor, US Environmental Protection Agency

9:45 Questions

10:00 Break

Panels 2, 3 and 4: Each country will present up to three case studies that will emphasize local actions on specific local challenges regarding both surface water quality and drinking water. The presenters will offer: (1) A brief summary of the case study (who, what, why, where, when and how); (2) The key strategies for improving and conserving water quality in the case study and the role of science and information in the development of these strategies; and, (3) The involvement of key stakeholders in the process.

10:15 **Panel 2: Three Canadian Case Studies**

Moderator: Professor Rosa Gálvez-Cloutier, Department of Civil Engineering, Université Laval, Quebec (invited)

Lionel Normand, Regional Terrestrial Biologist, Toronto and Region Conservation Authority

Sarah Rosolen, Executive Director, Center for Sustainable Watersheds, Portland Ontario

René Pronovost, Projet de la rivière St. Charles, Quebec City

11:45 Follow-up Questions

12:00 **Lunch (to be provided by the Joint Public Advisory Committee of the CEC)**

Eric Butterworth, Ducks Unlimited Canada, The Boreal Conservation Initiative

1:15 **Panel 3: Three Mexican Case Studies**

Moderator: Luis Alberto Gómez Ugarte
Coordinator of Communication Technology, Participation and Information, Mexican Institute of Water Technology

Raúl Hernández Garciadiego, Director, Alternativas, Tehuacán, Mexico

Ing. Ma. Lourdes Anguirano Alfaro, Experiencia de San Juan Parangaricutiro

Ing. Carlos Rodríguez, Technical Subdirector for the Potable and Wastewater System of León and Georgina Caire, Instituto Nacional de Ecología in the Municipality of León, Cuenca Lerma-Chapala Watershed, Mexico

2:45 Questions

3:00 Break

3:15 **Panel 4: Three US Case Studies**

Moderator: Michael Herz, Sheepscott Valley Conservation Association, New Castle, Maine
Reginald Parrish, Chesapeake Bay Program, US Environmental Protection Agency, Anacostia River Project

Martha Davis, Executive Manager for Policy Development, Inland Empire Utilities Agency, Chino Hills, CA

Amy McCoy, Project Manager, Sonoran Institute, Tucson, Arizona, Friends of the Santa Cruz River

4:45 Questions

5:00 **Panel 5: Summary Observations on Linking Science and Information to Community Decision Making**

Teresa Tattersfield Yarza, Centre of Education and Training for Sustainable Development, *Secretaría de Medio Ambiente y Recursos Naturales*

Michael Herz, Sheepscott Valley Conservation Association

Hague Vaughn, EMAN, Environment Canada

5:45 **End of Session**

Wednesday, 1 December 2004: “Linking Community Needs with National Science and Information Agendas”

1:00 **Panel 6: Summary Report of Day 1**

The summary observations from Day 1 will be presented to the group by speakers designated during Day 1. The speakers in Panels 7 and 8 will be asked to address the observations from Day 1 in their presentations.

1:30 **Panel 7: Review of North American Water Information Systems**

Moderator: Carlos Valdés, Director, Desert Program, Sonoran Institute, Tucson, AZ

Canada: Richard Post, Chris Lockner and André Champoux, Canadian Information System for the Environment and RésEau, National Water Research Institute, Environment Canada

Mexico: Dr. Aldo Iván Ramírez, Coordinator of Treatment and Water Quality, Mexican Institute of Water Technology and Luis Alberto Gómez Ugarte, Coordinator of Communication Technology, Participation and Information, Mexican Institute of Water Technology on Mexico’s Water Information System

United States: Roger Gorke, Policy Advisor, US Environmental Protection Agency, Surf Your Watershed

2:30 **Questions**

3:00 **North American Atlas Frameworks**

Peter Paul, Section Head, Atlas of Canada, Natural Resources Canada

Jay Donnelly, National Atlas Program, United States Geological Service

Francisco Javier Jiménez, Director of Natural Resource and Environmental Information, National Institute of Ecology

3:30 **Panel 8: Wrap Up**

Tim Whitehouse, Commission for Environmental Cooperation

Carlos Rincón, Joint Public Advisory Committee, CEC

Bernhard Griesinger, Office of Sustainable Development, Organization of American States

Hague Vaughn, EMAN, Environment Canada