

Waterlines

February 2000

Vol. 6 · No. 1

Maine Water Conference 2000

· April 13, 2000 - Augusta Civic Center - North Wing ·

Sponsored by: · Water Research Institute, UMaine · Consumers Maine Water Company ·
· Department of Environmental Protection · Department of Human Services/Division of Health Engineering ·
· Maine Geological Survey · Maine Rural Water Association · U.S. Geological Survey ·
· State Planning Office · Natural Resources Conservation Service ·
· Maine Volunteer Lake Monitoring Program · New England Water & Wastewater News ·

Agenda

- 8:00 a.m. **Registration, Poster & Exhibit Displays**
- 8:45 a.m. **Welcoming Moderator**
John Jemison, UMaine Cooperative Extension
- 8:55 a.m. **Environmental Legislative and Regulatory Updates for 2000**
Martha Kirkpatrick, Commissioner, Maine Dept. of Environmental Protection
- 9:20 a.m. **Arsenic: Background and the Maine Condition (Session A Overview)**
Andy Smith, State Toxicologist, Maine Dept. of Human Services
- 9:50 a.m. **Maine Water Quality Issues (Session B Overview)**
John Peckenham, Water Research Institute, University of Maine
- 10:00 a.m. **Break, Poster Sessions Viewing & Vendor Displays**
- 10:35 a.m. **Water Quality Impacts on Wildlife (Session C Overview)**
David Evers, Biodiversity Research Institute
- 11:00 a.m. **Successes in Citizen Monitoring (Session D Overview)**
Sherry Hanson, Maine Dept. of Marine Resources
- 11:25 a.m. **Jordan Cove Urban Monitoring Project: Lessons Learned (Session E Overview)**
Jack Clausen, University of Connecticut
- 11:50 - 12:00 a.m. **Awards Presentation**
- 12:00 - 1:00 p.m. **Lunch (Included)**
- 1:00 - 4:00 p.m. **Concurrent Sessions**
Session A: Arsenic in Maine Groundwater
Session B: Maine Water Quality Issues
Session C: Wildlife Impacts on Water Quality
Session D: The Role of Citizen Monitoring in Maine
Session E: Success Stories in Ecologically Friendly Development
- 4:15 p.m. **Informal social hour at Holiday Inn**





Maine Water Conference 2000

The Maine Water Conference was founded in 1994 by the University of Maine Water Research Institute as an annual forum for water resource professionals, researchers, consultants, citizens, students, regulators, and planners to exchange information and present new findings on water resources issues in Maine.

The format is a morning plenary session, followed by five concurrent sessions in the afternoon. The plenary session introduces some of the issues and topics that will be discussed in detail in the afternoon sessions, allowing conference attendees to be exposed to a variety of water related topics. The afternoon sessions will explore specific topics in more detail.

During breaks and lunch, posters and displays by organizations, agencies, departments, consultants and businesses are available for viewing and discussion. Because the MWC is the main meeting for many Maine water resource professionals, adequate breaks are intended to allow for one-on-one networking and discussion.

CONFERENCE LOCATION: Augusta Civic Center, North Wing
Date: April 13, 2000

Session Highlights

Arsenic in Maine Groundwater



This session reviews the current understanding of the issue of arsenic in groundwater in the state of Maine. Several presenters will discuss regional aspects of the issue and comparisons with neighboring areas. Detailed, site-specific studies of several localities in

Maine will complement these regional presentations.

 Chair: Robert Marvinney
 Maine Geological Survey

Water Quality Impacts on Wildlife



Aquatic wildlife face serious threats in Maine. Two of the leading issues will be emphasized during the afternoon session: hydrofacilities and contaminants. The impacts of hydrological operations and how they can be mitigated for the benefit of wildlife will be reviewed by presenters representing FPL Energy Maine Hydro, USFWS, and the Penobscot Indian Nation. Some of the leading stories on how contaminants impact wildlife will be discussed by presenters from the USGS and BioDiversity Research Institute on mercury and by the Maine Audubon Society on lead.

 Chair: David Evers, Biodiversity Research Institute

Maine Water Quality Issues



The Water Quality Issues Session covers stressors to water quality from atmospheric deposition to point sources. This session will examine atmospheric deposition and the Clean Air Act Amendments, the effects of urban runoff on stream health, mine-waste leachate, land use changes surrounding salmon rivers, and hexazinone in groundwater on blueberry barrens.

 Chair: John Peckenham
 Water Research Institute

Role of Citizen Monitoring in Maine



This session will showcase 7 volunteer monitoring groups who are making a difference in Maine. Volunteers and monitoring program coordinators will describe their experiences, share their thoughts on how they are helping protect Maine's water quality and/or coastal and freshwater habitats, and make recommendations for the future of volunteer monitoring in Maine.

 Co-Chairs:
 Stephanie Watson, State Planning Office
 Sherry Hanson, ME Dept. of Marine Resources

Success Stories in Ecologically Friendly Development



This session will incorporate a workshop that examines urban BMP's for residential developments to prevent water quality pollution. Participants in the workshop will apply innovative BMPs to an example of a subdivision and get a chance to shop at Jack's BMP Mall.

 Chair: Jack Clausen, University of Connecticut



Registration Form



Registration fee includes all conference sessions, breaks, and lunch. Early registration is suggested and limited to 250 attendees. Late registrations cannot be guaranteed acceptance. Please return completed registration form and payment (payable to University of Maine) to:

Maine Water Conference 2000

Water Research Institute, University of Maine, 5764 Sawyer Res. Ctr., Orono, ME 04469-5764
Tel: 207/581-3244 Fax: 207/581-3290 wrilines@maine.edu www.umaine.edu/WaterResearch

- Check Enclosed (before April 1) \$30.00 Bill my organization \$35.00
- (after April 1 or at the door) \$35.00 *Student registration available upon request.*

Name: _____ Organization: _____

Address: _____ City/State/Zip: _____ / _____ / _____

TEL: _____ FAX: _____ EMAIL: _____

For room planning logistics, please indicate which afternoon concurrent session is of greatest interest to you:

- Session A. Arsenic in Maine Groundwater Session B. Maine Water Quality Issues
- Session C. Water Quality Impacts on Wildlife Session D. The Role of Citizen Monitoring in Maine
- Session E. Success Stories in Ecologically Friendly Development

Exhibit Registration Form



Display spaces are limited. Fees are \$150.00 for commercial organizations. Special arrangements will be made for nonprofit and government agencies. Display fees includes luncheon and registration for one attendee. Please return this form and payment (payable to University of Maine) no later than April 1 to:

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Tel: 207/581-3244 Fax: 207/581-3290 wrilines@maine.edu www.umaine.edu/WaterResearch

Firm Name: _____ Registrant: _____

Address: _____ City/State/Zip: _____ / _____ / _____

TEL: _____ FAX: _____ EMAIL: _____

- Check Enclosed Promotional Materials (250 copies required) Electricity Required?



Maine Water Conference 2000

April 13, 2000 · Augusta Civic Center

MWC 2000 Organizing Committee:

David Breau, Maine DHS/Drinking Water Program · Jennie Bridge, U.S. EPA, Region 1, New England
Dave Courtemanch, Maine Dept. of Env. Protection · Judy Hayes, Consumers Maine Water Company
John Jemison, UM Cooperative Extension · John Peckenham, UM Water Research Institute
Steve Kahl, UM Water Research Institute · Bill Yamartino, Natural Resources Conservation Service
Betty Lee, UM Water Research Institute · Robert Lent, U.S. Geological Survey · Marc Loiselle, Maine Geological Survey
Martha Nielsen, U.S. Geological Survey · Paula Thomson, Maine Rural Water Association
Stephanie Watson, State Planning Office · Don Witherill, Maine Dept. of Env. Protection

MWC 2000 Co-Chairs: *John Jemison, UMaine Cooperative Extension*
John Peckenham, UMaine Water Research Institute

We need your feedback!



Each conference needs new ideas, new topics, and perhaps even new formats.
Should future conferences have a field trip? A technical course the next day?



A training session? A citizen's volunteer meeting? An affiliation with another professional organization?
If you have an idea for a future MWC, or are interested in being part of the organizing committee, please contact one of the organizing committee members or the 2000 MWC Conference Chair. Even if you don't have a specific idea today, please complete and return the conference evaluation available the day of the conference.

Maine Water Conference



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· <http://www.umaine.edu/WaterResearch>

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The Maine Water Conference is designed to meet the needs of individuals and organizations with water management interests and responsibilities including:

consultants · water suppliers · policymakers
utility managers · scientists · engineers · students
code enforcement officers · interested citizens
planning board members · Co-op Extension educators
lake association members · environmental policy advocates