

# **CANADIAN ASSOCIATION ON WATER QUALITY**

## **2009 ANNUAL REPORT**

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The Canadian Association on Water Quality (CAWQ) is a non-governmental, non-profit organization for scientists, engineers, technologists, administrators, practitioners and students engaged in or interested in research on water quality or on the control or treatment of water pollution. The CAWQ was officially incorporated in the province of Ontario in 1992. Federal incorporation is pending.

In 2009, the Association had 412 memberships, representing private, government and university sectors. These memberships were broken down as follows: 172 Individual CAWQ, 79 Individual joint CAWQ and IWA (our parent organization), 109 Student CAWQ, 4 Retired CAWQ, 4 Retired Joint CAWQ and IWA, 27 Student Joint CAWQ-IWA, and 17 Corporate.

The mission of the Canadian Association on Water Quality (CAWQ) is to create and foster a nationwide network of professionals dedicated to the development and communication of knowledge for the preservation and enhancement of the water quality environment.

### **WATER QUALITY RESEARCH JOURNAL OF CANADA**

A cost-shared publication agreement between the CAWQ and the National Water Research Institute (NWRI) in Burlington, Ontario, provides for the services of a managing editor who takes editorial responsibility for the publication of the Journal. Without this partnership with NWRI, the Association would not be able to continue publishing the Journal.

Professor Ronald Gehr, Department of Civil Engineering and Applied Mechanics, McGill University, is Editor of the WQRJC. He leads the overall editorial development of the Journal and its readership growth efforts, and is assisted by Managing Editor, Janet Jardine, and 12 Associate Editors as well as Guest Editors for Theme Issues.

There will be a total of 32 papers published in Volume 44 of the WQRJC 2009 that will be published and distributed to CAWQ members and to the more than 80 library subscribers worldwide. Volume 43 (1) was a special issue on Disinfection. Issues 2 and 3 of volume 43 were produced as a combined issue to help expedite the production process and bring the publishing up to date.

The abstracts for each paper published as well as authors' instructions, scope of the Journal, subscription and membership information can be accessed on the Journal's web site (see [www.cawq.ca](http://www.cawq.ca) or [www.acqe.ca](http://www.acqe.ca)). Full issues and individual articles can also be purchased online. For more information about the WQRJC, please refer to the Annual Report produced by the Editor.

## THE CAWQ AND JOURNAL WEBSITE

Journal articles are now available on-line, giving CAWQ members the option of receiving on-line versions, in addition to or instead of the hardcopy version. A new search engine also allows users to query key words and authors. Furthermore, in collaboration with McGill University, articles from back issues of the Journal are now available free-of-charge at

<http://digital.library.mcgill.ca/wqrj/>

On-line membership, journal, and symposium payments are also available through the website. A secure connection is now available for credit card information to be sent via the site. Please visit the upgraded site at [www.cawq.ca](http://www.cawq.ca) or [www.acqe.ca](http://www.acqe.ca).

## SPONSORSHIP OF SYMPOSIA

CAWQ sponsors annual regional symposia on water quality research, providing a venue for the presentation of recent research results and the opportunity for the exchange of information and networking. Presenters at the symposia are encouraged to submit their work for peer review and publication in the *Water Quality Research Journal of Canada*. Some details about these conferences include:

- The 44<sup>th</sup> Central Canadian Symposium on Water Quality Research chaired by Dr. Chris Marvin was held in Burlington, Ontario at the Canadian Centre for Inland Waters on February 23<sup>rd</sup> and 24<sup>th</sup>, 2009. It was co-sponsored by the CAWQ and the National Water Research Institute. The event was attended by 276 delegates, and included 124 oral presentations, 29 poster presentations, and a special interactive session devoted to Bisphenol A.
- The 25<sup>th</sup> Eastern Regional Symposium held at Ottawa-Carleton Institute for Environmental Engineering, Ottawa October 30, 2009. The Symposium was chaired by Dr. Ron. L. Droste.
- The 10<sup>th</sup> Western Regional Symposium, chaired by Dr. Eric Hall was organised jointly with the British Columbia Water and Wastewater Association (BCWWA) and was held in Penticton, British Columbia from April 25 – 29, 2009.

The CAWQ sponsors a competition for the “best presentation” of a research paper made by a student at each of the regional symposia. The winners receive the Philip H. Jones Award, which includes a certificate, a cash prize of \$200, a one-year joint membership in CAWQ and IWA, including a subscription to the *Water Quality Research Journal of Canada* and *Water 21*, mention of their name in an issue of the journal and on the website, and a formal invitation to submit their work for peer review and eventual publication in the journal. The following students were presented the Philip H. Jones Award at the three symposia held in 2009:

Tony Tsui, University of Toronto and Harris Switzmann, McMaster University  
(Winners at the 44<sup>th</sup> Central Canadian Symposium, held in Burlington at the Canada Centre for Inland Waters, February 23-24, 2009)

Siva Sarathy

University of British Columbia  
(Winner at the 10<sup>th</sup> Western Regional Symposium, held in Penticton, British Columbia,  
April 25, 2009)

Usman Khan  
McGill University  
(Winner at the 25<sup>th</sup> Eastern Regional Symposium, held in Ottawa-Carlton, October 30,  
2009)

## SUPPORT OF STUDENTS

As part of its mandate, the Association provides assistance and encouragement to students in the water quality and water pollution fields. This includes significant reductions in CAWQ membership fees (by approximately 75% of the regular fee) and in symposia registration fees as well as the awarding of the Philip H. Jones Awards for the “best student presentations” at each of the regional symposia, as mentioned above.

## INTERNATIONAL ACTIVITIES

The CAWQ and the Canadian Water and Wastewater Association (CWWA) comprise the Canadian National Committee (CNC) of the International Water Association (IWA). The CNC represents Canada on the IWA assembly. The current Canadian representatives on the IWA Governing Board are Dr. Peter Jones (CAWQ), Dr. Ron Droste (CAWQ), and Wolf Keller (CWWA). Canada has one vote on the IWA assembly.

A joint CAWQ-IWA membership is available to CAWQ members. The joint membership fees represent a saving of up to 25% over membership of CAWQ and IWA purchased separately. In addition, joint CAWQ-IWA members may subscribe to any, or all, of the IWA journals which are available in print or electronic format. These are as follows:

- *Water Research* — a world leading journal for research papers on all aspects of water quality and wastewater management.
- *Water Science & Technology* — a journal publishing the proceedings from IWA’s conferences.
- *Water Supply* — state of the art reports and scientific technical papers presented at IWA’s conferences.
- *Journal of Hydro-Informatics* — a peer-reviewed journal devoted to the application of information technology in the widest sense to problems of the aquatic environment.
- *Journal of Water Supply & Technology (Aqua)* — a journal containing wide-ranging coverage of scientific, engineering and technical topics in the water services field.
- *Journal of Water and Health* — a new journal that disseminates information on health implications and control of waterborne micro-organisms and chemical substances in the broadest sense.

## **ON-GOING AND FUTURE INITIATIVES**

The IWA was founded in 1998 by the amalgamation of the International Association on Water Quality (IAWQ) and the International Water Services Association (IWSA) to form the new International Water Association (IWA), with interests and responsibilities being similar to those of its two founding organizations. Before the merger, the CAWQ served as the Canadian National Committee of the IAWQ and represented Canada on the IAWQ Governing Board. Although it continues to do this, the CAWQ must now represent a broader base that includes the water services sector, municipalities and regional organizations.

In order to improve its ability to represent the interests and views of these groups across Canada, the CAWQ is undertaking initiatives to:

- further develop its collaborations with the CWWA and regional associations such as the Water Environment Association of Ontario, the Ontario Waste Water Association, British Columbia Water and Waste Association, Réseau Environnement, to create opportunities for all organizations, and to raise the profile of the CAWQ.
- support the development of additional symposia in regions of Canada that have not previously hosted such events. CAWQ has now formed five regional divisions: Atlantic, Eastern, Central, Western, and Pacific.
- to actively engage in a national effort to develop an agenda on water research priorities in Canada.
- to continue to support and sponsor international and national specialty conferences related to water quality in Canada.
- to revise and improve its vision and supporting documents.

## **CONFERENCE SPONSORSHIP**

Notably, under the leadership of Peter Jones, (Eastern Regional Director and former President of the CAWQ), the CAWQ has made a successful bid to host the IWA World Water Congress and Exhibition in September 2010 in Montreal, QC, as voted at the IWA Governing Board meeting held in Oaxaca, Mexico in 2005. An intense effort is being made by CAWQ and CWWA to organize the event at the local and Canadian level.

## ADMINISTRATION OF THE CAWQ

### 2009 Executive Committee

Dr. Ron L. Droste, President \*  
University of Ottawa

Dr. Jim A. Nicell, Vice President (Eastern)  
McGill University

Dr. Chris Marvin (Central)  
National Water Research Institute  
Environment Canada

Dr. Eric R. Hall, Vice-President (Western)  
University of British Columbia

Conrad Allain, Treasurer  
Greater Moncton Sewerage Commission

Dr. Rajesh D. Tyagi, Secretary  
INRS-ETE, Université du Québec

Dr. Yves Comeau, Past President  
École Polytechnique

### 2009 Regional Directors

Dr. G. Gagnon (Eastern)  
Dalhousie University

Dr. Peter A. Vanrolleghem (Special Regional  
Director - Eastern)

Université Laval  
M.N. Lywood (Central)  
AMEC Earth & Environmental

Dr. Gail Krantzberg (Central)  
McMaster University

Mr. Clayton Tiedman (Western)  
EPCOR Water Services Inc.

Dr. Jan. Oleskiewicz (Western)  
University of Manitoba

\*The CAWQ president is the *ex officio* Canadian  
member of the IWA Governing Board.

**Note:** The Board of Directors of the CAWQ is comprised of the Executive Committee and Regional Directors.

## ADMINISTRATIVE AND OTHER SUPPORT

Janet McAvella is in charge of the Subscription and Membership Office of the CAWQ, located in Burlington, Ontario. The National Water Research Institute provides her with office space and facilities. In addition, financial administrative services are provided at no cost by Ms. Marilyn Crawford, XCG Consultants Ltd., Kitchener, Ontario. The CAWQ is sincerely grateful to both NWRI and Ms. Crawford for their invaluable assistance and support.