

CANADIAN ASSOCIATION ON WATER QUALITY

2004 ANNUAL REPORT

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 2004, the Association had 205 memberships, representing the private, government and university sectors. These memberships were broken down as follows: 74 Individual CAWQ, 98 Individual joint CAWQ and IWA (our parent organization), 6 Student CAWQ, 5 Retired CAWQ, 7 Retired Joint CAWQ-IWA, 3 Student Joint CAWQ-IWA, 1 private-sector Sustaining, and 11 Corporate.

The primary mandate of the CAWQ is to promote research on the scientific, technological, legal, and administrative aspects of water quality and of the control and treatment of water pollution, and to further the exchange of information and practical application of such research for the benefit of Canadians.

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, and we are most grateful to its Director General, Dr. John H. Carey, for his continuing support.

Dr. Ronald Gehr, Associate Professor, Department of Civil Engineering and Applied Mechanics, McGill University, was appointed Editor-in-Chief of the WQRJC in November 2003. He leads the overall editorial development of the journal and its readership growth efforts.

There were a total of 49 papers published in Volume 39 of the WQRJC 2004. The four 2004 issues of the Water Quality Research Journal of Canada totalled 478 pages and were published and distributed to CAWQ members and to the more than 105 library subscribers world-wide.

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 or www.acqe.ca). For more information about the WQRJC, please refer to the Annual Report produced by the Editor.

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 39th Central Canadian Symposium on Water Quality Research was held in Burlington, Ontario at the Canadian Centre for Inland Waters on February 10 and 11, 2004. It was co-sponsored by the CAWQ and the National Water Research Institute. The event was attended by 150 delegates, and included 46 oral presentations and 9 poster presentations.
- About 100 delegates attended the 20th Eastern Regional Symposium held at Carleton University, in Ottawa, on October 29, 2004. It was coorganized by the University of Ottawa. 33 oral presentations and 14 posters were presented.
- The 5th Western Regional Symposium was organised jointly with the British Columbia Water and Wastewater Association (BCWWA) and was held in Whistler, British Columbia from April 17th to 20th 2004.

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 membership in the CAWQ, including a subscription to the *Water Quality Research Journal of Canada*, 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 2004:

Anna Charbonneau,
 Department of Civil Engineering, Queen’s University,
 Kingston, ON
 (Winner at the 39th Central Canadian Symposium, held at the Canada Centre for Inland Waters)

Alexander Forrest,
 Department of Civil Engineering, The University of British Columbia
 Vancouver, BC
 (Winner at the 5th Western Regional Symposium, held in Whistler, British Columbia)

Selvia Kurniawati
 Department of Civil Engineering and Applied Mechanics, McGill University
 Montreal, QC
 (Winner at the 20th Eastern Regional Symposium, held jointly by Carleton University and the University of Ottawa)

UPGRADE OF THE CAWQ AND JOURNAL WEBSITE

A move to make our journal articles available on-line has been made, now giving CAWQ members the option of receiving on-line versions, in addition to the hardcopy version. This is the main feature of the upgraded website. A new search engine will also allow users to query key words and authors. Along with the website upgrade, the CAWQ is implementing on-line membership, journal, and symposium payments. A secure connection is available for credit card numbers to be sent via the site. Please visit the upgraded site at www.cawq.ca or www.acqe.ca, which will be unveiled in February!

NEW MEMBERSHIP AND SUBSCRIPTIONS OFFICER

After almost 12 years with the Association, Suzanne Ponton is leaving us to enjoy an eventful and relaxing retirement (and further her knowledge of Pilates!). Suzanne was the Managing Editor of the Journal from 1993 until 2001. Upon retiring from that position, she became the Subscription and Memberships Officer, during which time she did some fine work coordinating three central regional symposia and keeping our members well informed about the Association.

On January 3rd, 2005, Janet McAvella eagerly began her duties as Suzanne's replacement. She has been working at the Canada Centre for Inland Waters for about 25 years, as the Manager of Finance and Administration for the Research Support Branch as well as the United Nations GEMS/Water Programme. To start things off, she is excited about being involved in the organizing of the 40th Central Canadian Symposium, and looks forward to meeting CAWQ members and board members. She is also ready to integrate the new website into her administrative tasks.

SCIENCE HORIZONS INTERNSHIP

Karen Balkwill was the CAWQ Science Horizons intern in 2003-2004. Her duties included coordinating the 39th Central Canadian Symposium, creating a manuscript database for the WQRJC, as well as providing assistance with Journal editing. Robbie Larson is the Science Horizons intern for 2004-2005. Robbie will be coordinating the 40th Central Canadian Symposium and organizing the new web site upgrade. The interns are mentored by Kristin May, Managing Editor of the Journal, who provides valuable career advice and guidance in their work.

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 (to approximately 25% 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.

In addition, proceeds in the amount of \$29,000 that were accrued to CAWQ from the very successful international WQI'98 conference (held in Vancouver, BC, June 24-26, 1998) were donated to the Department of Civil Engineering, University of British Columbia, to create a scholarship in the name of the CAWQ.

INTERNATIONAL ACTIVITIES

The CAWQ serves as the Canadian National Committee of the International Water Association (IWA) and represents Canada on the IWA Governing Board. The current Canadian member of the IWA Governing Board is the *CAWQ President, Dr. Yves Comeau*.

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's 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, 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 Canadian Waste Water Association, the Water Environment Association of Ontario and the Ontario Waste Water Association to create opportunities for all organizations, and to raise the profile of the CAWQ.

- initiate the formation of a Canadian National Committee in cooperation with the Canadian Waste Water Association to create a unified Canadian voice on the IWA and to extend membership on this committee to other organizations in the future.
- support the development of additional symposia in regions of Canada that have not previously hosted such events.
- 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

CONFERENCE SPONSORSHIP

The Canadian Association on Water Quality has contributed a refundable sponsorship of \$5,000 towards the sponsorship of the following IWA specialist group conferences:

- *10th World Congress – Anaerobic Digestion 2004, Anaerobic Bioconversion for Sustainability that took place from August 29, 2004 to September 2, 2004, Montreal, Quebec*
- *10th International specialised conference on Watershed and River Basin management to be held September 13-15th, 2005 in Calgary, Alberta*
- *7th IWA Symposium on Off-Flavours in the Aquatic Environment to be held October 2-5, 2005 in Cornwall, Ontario.*

Notably, under the leadership of Peter Jones, (Eastern Regional Director and former President of the CAWQ), the CAWQ has launched a bid to host the IWA World Water Congress and Exhibition in September 2010 in Montreal, Quebec.

ADMINISTRATION OF THE CAWQ

2004 Executive Committee

Dr. Y. Comeau, President *
Ecole Polytechnique

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

Dr. J.H. Carey, Vice President (Central)
National Water Research Institute
Environment Canada

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

B. Gall, Treasurer
Urban and Environmental Management

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

M. Lywood, Past President
ASI Group

2004 Regional Directors

Dr. R.L. Droste (Eastern)
University of Ottawa

Dr. J. P. Jones (Eastern)
University of Sherbrooke

Dr. D. Grant Allen (Central)
University of Toronto

A. Robertson (Central)
McMaster University

Dr. T.D. Vassos (Western)
Nova Tec Consultants Inc.

Dr. M. Dubé (Western)
National Water Research Institute
Environment Canada

*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

Suzanne Ponton was in charge of the Subscription and Membership Office of the CAWQ, 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 Bechthold, XCG Consultants Ltd., Kitchener, Ontario. The CAWQ is sincerely grateful to both NWRI and Ms. Bechthold for their invaluable assistance and support.