

CANADIAN ASSOCIATION ON WATER QUALITY

2005 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 2005, the Association had 181 memberships, representing the private, government and university sectors. These memberships were broken down as follows: 51 Individual CAWQ, 91 Individual joint CAWQ and IWA (our parent organization), 20 Student CAWQ, 4 Retired CAWQ, 7 Retired Joint CAWQ-IWA, 3 Student Joint CAWQ-IWA, 2 private-sector Sustaining, and 3 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.

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 Kristin May and 13 Subject Editors as well as Guest Editors for Theme Issues. One such issue was published in 2005: “Environmental Effects Monitoring”, guest edited by Dr Mark McMaster of NWRI and Professor Simon Courtenay of the University of New Brunswick.

There were a total of 46 papers published in Volume 40 of the WQRJC 2005. The four issues totalled 509 pages and were published and distributed to CAWQ members and to the more than 113 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). 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.

UPGRADE OF 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. This is the main feature of the upgraded website. 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/>

Along with the website upgrade, the CAWQ has implemented on-line membership, journal, and symposium payments. 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 or 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 40th Central Canadian Symposium on Water Quality Research was held in Burlington, Ontario at the Canadian Centre for Inland Waters on February 14 and 15, 2005. 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 107 delegates attended the 21st Eastern Regional Symposium held at INRS-Eau, Terre et Environnement in Quebec City, QC, on November 04, 2005. It was co-organized by the INRS-Eau. 48 oral presentations and 23 posters were presented.
- The 6th Western Regional Symposium was organised jointly with the British Columbia Water and Wastewater Association (BCWWA) and was held in Penticton, British Columbia from April 16th to 20th 2005.

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 2005:

Satinder K. Brar
INRS-Eau, Terre, Environnement
University of Quebec
Sainte-Foy, QC
(Winner at the 40th Central Canadian Symposium, held at the Canada Centre for Inland Waters)

Yi Zhang
 Dept of Chemical Engineering and Applied Chemistry
 University of Toronto
 Toronto, ON
 (Winner at the 40th Central Canadian Symposium, held at the Canada Centre for Inland Waters)

Patricia Keen
 Institute for Resources, Environment & Sustainability
 University of British Columbia
 Vancouver, BC
 (Winner at the 6th Western Regional Symposium, held in Penticton, British Columbia)

Geneviève Aubry
 Département de génie civil
 Université Laval
 Québec, QC
 (Winner at the 21st Eastern Regional Symposium, held in Quebec City, QC.)

SCIENCE HORIZONS INTERNSHIP

Morgan Boenke is the Science Horizons intern for 2005-2006. His duties include coordinating the 41st Central Canadian Symposium, as well as providing assistance with Journal editing. 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 (by 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.

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 (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 Canadian Waste Water Association 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.
- 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 International specialized conference on Watershed and River Basin management to 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 made a successful bid to host the IWA World Water Congress and Exhibition in September 2010 in Montreal, QC, as voted at the last IWA Governing Board meeting held in Oaxaca Mexico.

ADMINISTRATION OF THE CAWQ

2005 Executive Committee

Dr. Yves Comeau, President *
Ecole Polytechnique

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

Dr. John H. Carey, Vice President (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

Mike Lywood, Past President
ASI Group

2005 Regional Directors

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

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

Dr. Jan Oleskiewicz (Central)
University of Manitoba

Anna Robertson (Central)
McMaster University

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

Dr. Monique 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

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 Bechthold, XCG Consultants Ltd., Kitchener, Ontario. The CAWQ is sincerely grateful to both NWRI and Ms. Bechthold for their invaluable assistance and support.