

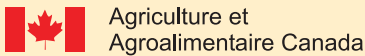


Specialist Group Diffuse Pollution

First Announcement and Call for Papers

14th International Conference,
IWA Diffuse Pollution Specialist Group:
Diffuse Pollution and Eutrophication

ORGANISERS



Agriculture et
Agroalimentaire Canada

Agriculture and
Agri-Food Canada



UNIVERSITÉ
LAVAL



International
Water Association

SPECIALIST CONFERENCE



Credit : Eric van Bochove

Château Mont-Sainte-Anne, Beaufort,
Québec, Canada
12 – 17 September 2010

Invitation

The IWA International Specialist Conference on Diffuse Pollution (DIPCON) has been organized twice in North America, in Chicago (1993) and in Milwaukee (2001). Other successful and well attended conferences have been held in Prague, Edinburgh, Bangkok, Amsterdam, Dublin, Kyoto, Johannesburg, Istanbul, Belo Horizonte, Khon Kaen and Seoul. In 2007, the Specialist Group on Eutrophication was merged with the Specialist Group on Diffuse Pollution.

The 14th International Conference of the IWA Diffuse Pollution Specialist Group, entitled "Diffuse Pollution and Eutrophication", is back in North America and will be held for the first time in Quebec City, Canada (September 12-17, 2010). Quebec City is located on the majestic Saint Lawrence River downstream of the Great Lakes which constitute one of the largest fresh water reserves in the world. There have been growing concerns about non-point source pollution from agricultural, urban and industrial activities in the Great Lakes and Saint Lawrence Basin similar to those all over the world. The issue of cyanobacteria blooms in lakes and streams is persistent and needs to be solved. Water, air and soil contaminants from diffuse sources include sediment, nutrients, metals, trace elements, pesticides, pathogens, pharmaceuticals and other anthropogenic chemicals. The variety and complexity of processes generating and delivering diffuse pollution concern scientists, economists, policy specialists and stakeholders working together to identify new approaches and solutions that protect natural resources. The success of our well attended conferences results from fast growing knowledge and the needs for more information, learning and networking about diffuse pollution.

The conference aims to build a cooperation bridge to share and transfer the knowledge and technology among established and young specialists from developed and developing countries interested in diffuse pollution.

Diffuse Pollution Specialist Group

The IWA Diffuse Pollution Group promotes research, disseminates information and supports development of policy to understand and solve contamination of natural resources by diffuse or non-point sources.



The 14th International Conference of the IWA Diffuse Pollution Specialist Group organizing committee encourages participants to transfer to the IWA World Water Congress in Montreal starting on September 19th, 2010.

On behalf of the organizing committee, we invite interested researchers/experts to send their contributions (abstracts and papers) and to register for the conference.

Eric van Bochove, Chair
14th DIPCON International Conference
Soils and Crops Research and Development Centre
Agriculture and Agri-Food Canada
Quebec, Canada

Peter Vanrolleghem, Co-chair
14th DIPCON International Conference
Faculté des sciences et de génie
Département de génie civil
Université Laval
Québec, Canada

The Group aims to address a wide range of issues associated with agricultural and urban contamination of water, air, and soil resources that result from disseminated or non-point sources. These sources include direct application of contaminants such as pesticides and plant nutrients; dispersal to and deposition of atmospheric pollutants on land and water; disseminated urban contaminants that leach to groundwater or runoff following storms; and contaminants released due to changes in land-use such as deforestation, land drainage, and large-scale construction. The group is particularly interested in understanding the physical, hydrological, biological, and chemical process that contribute to diffuse pollution and learning how this knowledge may be used to design systems to mitigate diffuse pollution at their sources. To this end, the group provides a forum for discussing sustainable use of land and water resources and reducing the impact of land-use on water resources. Social, economic, and policy issues are also important to the group as it provides opportunities to link technological questions and potential solutions with the human institutions and communities that will benefit from improvements in water, air, and soil quality.



Technical Committee

Patricia Chambers, chair	Environment Canada
Eric van Bochove, co-chair	Agriculture and Agri-Food Canada
Beáta Novotná, secretary	Slovak Agricultural University in Nitra, Slovak Republic and Agriculture and Agri-Food Canada
Mike Burkart, workshop organizer	Iowa State University, USA
Martine Savard	Natural Resources Canada
Aubert Michaud	Institut de recherche et de développement en agroenvironnement, Canada
Jiri Marsalek	Environment Canada
Suzanne Beauchemin	Natural Resources Canada
Jim Cooke	Diffuse Sources, New Zealand
Peter Vanrolleghem	Université Laval, Canada
Carlyle Ross	Agriculture and Agri-Food Canada
Alain N. Rousseau	Université du Québec, Canada
François Ancil	Université Laval, Canada
Laurier Poissant	Environment Canada
Isabelle Royer	Agriculture and Agri-Food Canada
Mark Sekala	Environment Canada
Julie Corriveau	Environment Canada
Habib Muhammetoglu	Akdeniz University, Turkey
Mohammad Khakbazan	Agriculture and Agri-Food Canada
Merle Boyle	Agriculture and Agri-Food Canada
Léon-Étienne Parent	Université Laval, Canada
Dirk Muschalla,	Université Laval, Canada

Diffuse Pollution Scientific Committee

Ray Earle, Ireland (Chairman)
Eric van Bochove, Canada (Vice-chairman)
Peter Schipper, Netherlands (Secretary)
Ralph Heath, South Africa
Sung-Ryong Ha, Korea
Shigeo Fujii, Japan
Takanobu Inoue, Japan
Eduardo Von Sperling, Brazil
Xiaoyan Wang, China
Habib Muhammetoglu, Turkey
Chengqing Yin, China
Barry M Evans, United States of America
Luis Bravo, Mexico
Wanpen Wirojanagud, Thailand
Jim Cooke, New Zealand
D'Arcy Brian, United Kingdom
Pat Feehan, Australia

Conference Themes

- A. Diffuse pollution and contamination of ground water
- B. Diffuse pollution from agriculture (including nutrients, pesticides and emerging contaminants)
- C. Diffuse pollution from urban areas and roads
- D. Diffuse pollution from forestry and mining
- E. Nutrients and eutrophication issues
- F. Modelling and monitoring
- G. Economics, policies, regulations and education to control diffuse pollution
- H. Integrated watershed management towards controlling diffuse pollution
- I. Evaluation of mitigation measures for diffuse pollution
- J. Defining ecological targets for ecosystem sustainability
- K. Long range transport of pollutants

Technical Tours

Post-conference technical excursions will address interesting aspects of water quality in the Saint Lawrence ecosystem and recent progress in watershed management in Quebec:

Quebec City: Rivers shore and water management

Cap-Tourmente Fauna Reserve, Montmorency Waterfalls, Promenade Champlain with River banks landscaping, history and water quality perspectives, Saint-Charles River banks management, Loretteville First Nation village and Kabir-Kouba Waterfalls.

Lac Saint-Pierre World Biosphere Reserve and historical sites along the north and south shores of the Saint Lawrence River from Quebec to Montreal

Situated along the Saint Lawrence River in Quebec, Lac Saint-Pierre is an unusual example in the World Network of Biosphere Reserves since it includes a major waterway in an industrialized area. The Lac Saint-Pierre is also a unique ecosystem, important for migratory birds and essential for the protection of Quebec and Canada. The Federal and Provincial governments have made considerable investments in monitoring and rehabilitating the Saint Lawrence River and recent studies on water quality shows a continuing improvement over the last 15 years.

Keynote Presentations

Two plenary sessions on “Diffuse pollution concerns in the Great Lakes Basin and Saint Lawrence River & Estuary” and “Linking science and policy” with five high quality international keynote speakers to give presentations of broad interest.

Procedure for Submission

Authors may submit online 2-page abstracts (A4 or letter format) at: <http://www.editorialmanager.com/iwa-conferences/>. For guidelines on formatting and finding other information about the conference, visit <http://www.dipcon2010.org>. Submissions should demonstrate a significant advance on knowledge in the conference themes. At least one author for each selected paper must register and attend the conference to present the paper. Authors must meet their own expenses to attend the conference.

Local Organizing Committee

Eric van Bochove, Agriculture and Agri-Food Canada, Quebec (Chair)
 Peter Vanrolleghem, Université Laval, Quebec (Co-chair)
 Georges Thériault, Agriculture and Agri-Food Canada, Quebec (Secretary - Treasurer)
 Patricia Chambers, Environment Canada, Ontario
 Mike Burkart, Iowa State University, Iowa, USA
 Alain Rousseau, INRS, Eau, University of Quebec, Quebec
 Aubert Michaud, Institut de recherche et de développement en Agroenvironnement, Quebec
 Serge Villeneuve, Environment Canada, Quebec
 François Anctil, Université Laval, Quebec
 Léon-Étienne Parent, Université Laval, Quebec
 Isabelle Royer, Agriculture and Agri-Food Canada, Quebec
 To be announced, Ministère du développement durable, de l'environnement et des parcs du Québec

Further Information

Dr. Eric van Bochove
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 Agriculture and Agri-Food Canada
 Quebec, QC, Canada
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Important Dates

Announcement of specific workshops	30 September 2009
Abstract submissions	01 March 2010
Notifications of acceptance	15 April 2010
Early bird registrations	01 June 2010
Full paper submissions	30 June 2010
Hotel reservations	01 August 2010

Venue

The Château Mont-Sainte-Anne hotel conference centre (<http://www.chateausa.com/en/>) will host the conference. It is a 4 star hotel located on the north shore of the majestic Saint Lawrence River at 40 km (25 miles) from Quebec City.



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