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MEIA News

Welcome MEIA Gold Charter Members

MEIA welcomes two Gold Charter Members:



What is PIPEDA?

Learn more about the Personal Protection & Electronics Documents Act.

Wednesday, March 25, 2009-02-23

Fort Gibraltar

866 St. Joseph St.

7:30 – 9:00 a.m.

Presentation by Wendy Elliott – a Privacy Consultant who develops and delivers privacy and access training. She acts as a consultant to all three Manitoba privacy Acts – FIPPA, PHIA, and PIPEDA.

Members \$40 Non-members \$50
To register, click [here](#)

Annual General Meeting

Thursday, April 16, 2008

Victoria Inn
1808 Wellington Avenue
Winnipeg, MB

Registration: 7:30 a.m.
Breakfast: 8:00 a.m.

AGM (including hot breakfast): \$40 MEIA Members/\$50 Prospective

No charge for members attending AGM only

Contact MEIA at 783-7090 for further details or register [here](#)

MEIA Golf Tournament

May 28, 2009
St. Boniface Golf Club
Tournament Registration:
\$180 per golfer or \$650 per team of 4

To view this year's sponsorship opportunities please click [here](#). To sponsor the tournament contact the MEIA staff at 783-7090.

This year's tournament will offer new and interesting changes. Instead of having a prize table we will be holding a silent auction with all proceeds donated to the Children's Wish Foundation of Manitoba.

We will also be offering door prize draws for registered golfers as well as a grand prize draw valued at \$1,000.

Click [here](#) to see What's New in 2009!

Registration will be available on within the next few days. If you have any questions or would like to register now, please contact the MEIA staff at 783-7090.

General News

Local Interest

Dr. Terry Hazen's Presentation Now on MEIA Website

To view Dr. Terry Hazen's presentation at the MEIA Remediation and Prevention conference held on February 19, 2009, please watch the MEIA website at www.meia.mb.ca for access to the presentation.

CEC Wading Through Mountain of Evidence

Lake Winnipeg cleanup report hotly anticipated

February 8, 2009

The province's environmental watchdog will decide in the next several weeks whether to radically rethink the cleanup of Lake Winnipeg, a move that could save taxpayers millions and clean up beaches faster.

Or not, depending on whose science you buy.

The Clean Environment Commission has spent the better part of the last five months hearing from the city's sewage system engineers, the province's water experts, scientists and environmentalists on whether to remove both nitrogen and phosphorus from Lake Winnipeg's watershed or just tackle phosphorus.

CEC chair Terry Sargeant says his report could be submitted to the Minister of Conservation in a matter of weeks, possibly before the end of the month and certainly before the end of April. It's a report that's hotly anticipated by city hall, which is in the midst of a \$1.8-billion upgrade to its three sewage treatment plants and its pipes, but the CEC's recommendations could be felt by farmers, small municipalities and other nearby provinces and states.

"We've taken a broad look at the issue," said Sargeant. "We've looked beyond the city of Winnipeg's sewage treatment."

If the CEC comes down on the side of a phosphorus-first approach, that could save Winnipeg homeowners between \$10 and \$50 million, money that was slated to be spent on new technology to remove nitrogen from the treated waste water the city pumps into the Red River. The city, bolstered by some of Canada's best water scientists, has said removing nitrogen is a waste of money and could actually make Lake Winnipeg dirtier.

But the province has argued that ignoring nitrogen and the damage it does to the lake's ecological balance would be a half-measure.

After months of growing pressure from the environmental and scientific communities, the province asked the CEC last fall to wade through the mountain of evidence and opinion and rule on the N vs. P debate. The Doer government is expected to heed the CEC's recommendations, but both the city and province refused to comment on their submissions or what effect the CEC's findings may have on the volume of regulations and engineering plans both governments have already developed.

Sargeant said one thing the CEC's report won't do is lay out a new nutrient reduction target, even though critics, including Liberal Leader Jon Gerrard, have said the province's current one is too tepid.

Some of the country's top water scientists, including University of Alberta Prof. David Schindler, have said the province must cut phosphorus by 25 per cent in order for the lake to improve, and that means lobbying for the cleanup of the Red River south of the border.

The province has pledged to cut phosphorus by 10 per cent and nitrogen by 13 per cent.

The N. vs. P debate

What's the problem?

EUTROPHICATION, which means too many nutrients like nitrogen and phosphorus are building up in the lake. These occur naturally or come from agricultural lands or human waste. Stinky blooms of blue-green algae thrive on nutrients, and can blanket the lake in summer. And they suck the oxygen out of the lake, killing fish and other aquatic life. The problem has gotten worse since the mid-1990s.

The case for phosphorus

The worst algae, the toxic blue-greens, can get nitrogen straight from the air. So the best way to starve them is to focus on removing the other nutrient they need, which is phosphorus.

'There are hundreds of lakes in North America and Europe where controlling phosphorus alone has successfully reduced eutrophication, including in lakes Erie and Ontario. There are no cases where controlling nitrogen has decreased eutrophication'

-- University of Alberta Prof. David Schindler, founder of the experimental Lakes Project near Kenora and one of the country's top experts on eutrophication

The case for nitrogen

Thirteen cities in Western Canada remove nitrogen from their waste-water stream and Winnipeg ought to do the same, especially since nitrogen loading in Lake Winnipeg is growing faster than phosphorus. Blue-green algae depend on nitrogen and phosphorus at different times in their life cycle, and it makes sense to go whole-hog, cleaning up all nutrients, instead of waiting another generation to see if a P-first approach works.

'In the last 30 years, we've added both nitrogen and phosphorus to the lake, and now we have to undo that. We cannot take half measures'

-- Dwight Williamson, acting assistant deputy minister of Water Stewardship

Source: www.winnipegfreepress.com

National Interest

Highlights Report: David Suzuki Foundation's 2008 Leaders Survey

The results are in from the David Suzuki Foundation's 2008 Canadian Leaders Survey.

The results [can be downloaded at the following page on the Foundation's website](#). Some of the highlights include:

- More than a quarter of you ranked "natural resources" as Canada's greatest strength;
- Global warming as top priority for government action is up 20% since 2003;
- Bold political leadership is seen as the key to addressing today's environmental issues;
- 82% agreed that DSF makes valuable contributions to education and awareness;

- But only 38% said DSF adequately considers business and economic issues. We truly welcome your feedback; in fact, we're already putting some of your recommendations into practice. You will find on the website a link to our latest publication: [Doing Business in a New Climate: A Guide to Measuring, Reducing and Offsetting Greenhouse Gas Emissions](#), as well as other materials we hope you'll find useful as a leader in business, government, academia, the media or the not-for-profit sector.

You will find the report [here](#).

Framework Unlocks Value to Remediate and Redevelop Former Gas Stations

TORONTO: February 25, 2009:

The Ontario Centre for Environmental Technology Advancement (OCETA), the Canadian Petroleum Products Institute (CPPI), and the Province of Ontario announced today the release of the online REDEVELOPMENT FRAMEWORK FOR FORMER SERVICE STATIONS™ in the Province of Ontario.

Former service stations that are under-utilized or abandoned are the most common type of brownfield site found in Ontario. These sites can be challenging to redevelop as they are often small in size and may be contaminated, with the cost of remediation outweighing the current property value. Industry and government from across Canada have identified the need for more effective common language guidance on how to address the barriers to remediation, rehabilitation, and reuse, in order create value and navigate the approval processes to bring former service station sites back into the urban fabric. Stakeholders are interested in guidance that will help them redevelop service stations and return these sites to a safe use in a timelier manner and at a reduced cost.

"To address this need, the Redevelopment Framework for Former Service Stations was developed as an online decision-support tool designed to guide municipalities, property owners, developers, and other stakeholders through the redevelopment of under-utilized and abandoned service stations", stated Tammy Lomas-Jylha, Vice President of OCETA.

"The standardized approach, created with the assistance of a multi-stakeholder interdisciplinary committee, provides a transparent and streamlined mechanism to make apparent the regulatory context", said Hon Lu, Brownfields Coordinator for the Province of Ontario. "By mapping out the decision making process, the Framework

assists in reducing approval delays and common misunderstandings between developers and municipalities."

The Framework outlines the process that stakeholders should follow when redeveloping typical sites. "By applying the key elements, guiding principles and best practices identified in the Framework, users will improve their ability to successfully navigate and accelerate the redevelopment of former service stations", said Tammy Lomas-Jylha.

The foundation of the Redevelopment Framework involves Four Stages: Setting the Stage, Evaluation and Planning, Implementation, and Management. These stages have been grouped into Four Streams of a Redevelopment Project: Finance, Technical, Land Use Planning, and External Communication.

Within the Framework, a number of specific tools have been developed to assist users with Screening for Property Use & Redevelopment Potential; understanding the approval process and timelines with Implementing Remediation and Risk Management, and with the Selection of Remediation Technologies and Risk Management Approaches.

Users will also be able to access case studies, example templates, and other resources including information on the application of interim uses for former service station sites.

"Brownfield redevelopment has been an undervalued opportunity for economic development and we welcome Ontario's advancement of this important framework", stated Peter Boag, President of CPPI.

"The toolkit provides outstanding clarification on the process for redevelopment of former service station sites and includes a number of very useful reference tools", said George Vincent, Chair of CPPI's National Contaminated Sites Committee. "Its greatest value, however, will be to bring all of the parties together with a common context and language for idle site renewal projects."

The Framework is a free online tool that is user-friendly and easy to use available on the aboutREMEDIATION Web site. (www.aboutRemediation.com/ServiceStations/).

Organizations that supported the development of the Framework include: The Province of Ontario, Canadian Petroleum Products Institute, OCETA, The Federation of Canadian Municipalities, City of Hamilton, City of Kitchener, Town of Marathon, Kilmer Brownfield Equity Fund, Imperial Oil, Jacques Whitford, Golder Associates, and the Technical Standards and Safety Authority.

New Enforcement Legislation Cracks Down On Environmental Offenders

Ottawa: March 4, 2009

Cracking down on polluters, poachers and wildlife smugglers through increased fines and new enforcement tools are the main elements of the Environmental Enforcement Bill introduced in the House of Commons today by Environment Minister Jim Prentice.

A key provision of the new bill is that it raises maximum fines and introduces minimum fines for the first time. Under the proposed bill, fines for individuals who commit serious offences would be between \$5,000 and \$1 million, while fines for corporations would be between \$25,000 and \$6 million. The bill also gives enforcement officers new powers to investigate cases and grants courts new sentencing authorities that ensure penalties reflect the seriousness of the pollution and wildlife offences.

"In the election campaign, our government committed to bolster the protection of our water, air and land through tougher environmental enforcement that holds polluters accountable. Today we delivered," said Minister Prentice. "This bill, together with funding commitments of \$43 million from Budgets 2007 and 2008 to hire more enforcement officers and to implement the new measures, will provide a comprehensive, modern and effective enforcement regime for Canada."

Through the Environmental Enforcement Bill, it is proposed that Parliament signal through new statutory provisions the level of fines appropriate for environmental offences and expand the authority to deal with environmental offenders by:

- specifying aggravating factors such as damage to a protected area or to a unique or vulnerable environment or species;
- providing fine ranges higher for corporate offenders than for individuals;
- doubling fine ranges for repeat offenders;
- authorizing the suspension and cancellation of offender licenses, permits or other authorizations upon conviction;
- requiring corporate offenders to report convictions to shareholders; and mandating the reporting of corporate offences on a public registry.

As well, the bill directs that fines imposed by the courts go to the Environmental Damages Fund which provides funding to local environmental improvement initiatives.

The existing environmental laws to be improved by the omnibus Environment Enforcement Bill, some of which have not been updated in over two decades, are:

- The Canadian Environmental Protection Act, 1999
- The Canada Wildlife Act
- The Migratory Birds Convention Act, 1994

- The Wild Animal and Plant Protection and Regulation of International and Interprovincial Trade Act
- The Antarctic Environmental Protection Act
- The International River Improvements Act
- The Canada National Parks Act
- The Canada National Marine Conservation Areas Act
- The Saguenay-St. Lawrence Marine Park Act

The new legislation builds on the Budget 2007 commitment of \$22 million for the hiring of 106 new officers, bringing the number of on-the-ground enforcement officers across the country to more than 320, and the Budget 2008 allocation of \$21 million over two years to implement the stricter environmental enforcement measures.

Related Document:

[Overview of the Environmental Enforcement Bill](#) [Backgrounder 2009-03-04]

[Environmental Enforcement Bill New Penalties and Sentencing Provisions](#)

[Backgrounder 2009-03-04]

[Minister Prentice meets with Wildlife Enforcement Officers in Toronto](#) [Photos 2009-03-04]

[New enforcement legislation cracks down on environmental offenders](#) [Photos 2009-03-05]

For further information, please visit Environment Canada's Web site at:

www.ec.gc.ca

For more information, please contact:

Frédéric Baril

Press Secretary

Office of the Minister of the Environment

(819) 997-1441

Source: www.ec.gc.ca

Government of Canada announces additional projects to Clean-up Lake Simcoe

Barrie, Ontario: February 27, 2009

Canada's Environment Minister Jim Prentice, joined by the Honourable Peter Van Loan, Minister of Public Safety, and local member of Parliament Patrick Brown, announced today the second group of projects under the Lake Simcoe Clean-Up Fund.

“We're investing in projects that will help to ensure a healthy future for Lake Simcoe. The lake is a key part of Canada's natural environment, and is also an important resource that provides safe drinking water for eight municipalities and generates more than \$200 million a year for the local economy through recreational activities,” said Environment Minister Jim Prentice.

Initiatives funded by the Lake Simcoe Clean-Up Fund are designed to preserve and protect the environment of Lake Simcoe. Twenty-six projects will receive a total of \$4,732,031 as part of an overall investment of \$30 million over five years, which was announced in February 2008.

This investment to clean up Lake Simcoe is part of the Government's Action Plan for Clean Water, which includes projects like the Health of the Oceans initiative to protect Canada's three oceans, the cleanup of Randle Reef in Hamilton Harbour, and action on pollution in Lake Winnipeg.

Related Document:

[Lake Simcoe Clean-up Fund](#) [Backgrounder 2009-02-27]

[List of Projects Approved Under Round II of The Lake Simcoe Clean-Up Fund](#)

[Backgrounder 2009-02-27]

[Cleaning up Lake Simcoe Barrie, Ontario](#) [Speech, 2009-02-27]

[Photos](#)

For further information, please contact:

Frédéric Baril

Press Secretary

Office of the Minister of the Environment

(819) 997-1441

Source: www.ec.gc.ca

Workplace Hazardous Materials Information System - Official National Site

The Workplace Hazardous Materials Information System (WHMIS) is Canada's national hazard communication standard. The key elements of the system are cautionary labelling of containers of WHMIS "controlled products", the provision of material safety data sheets (MSDSs) and worker education and training programs. [Reference Manual](#)

Source: www.hc-sc.gc.ca

EPR Legislation Spreads

March 3, 2009

An international movement to improve product design by changing how recycling and waste disposal are financed is gaining momentum in North America. The movement, known as Extended Producer Responsibility (EPR) or Product Stewardship, picked up speed as two states recently introduced “framework” EPR legislation and more states are expected to follow suit. Additionally, last week Canada announced steps towards a nationwide framework EPR policy.

EPR policies internalize product lifecycle impacts into product prices to generate green jobs and unleash the creativity of businesses to design and provide “cradle to cradle” product management. The framework approach allows one law to establish EPR as policy and gives state government the authority to address multiple products over time. Several provinces in Canada, including British Columbia, already have Framework EPR regulations in place.

- February 12: California Product Stewardship Act, AB 283 – Introduced by Assembly member Wesley Chesbro (D-Arcata), the bill is based on Framework EPR policy adopted by the California Integrated Waste Management Board in January 2008.
- February 18: Canada-wide Action Plan for Extended Producer Responsibility, with a strategy for sustainable packaging as the first priority, released for public comment by the Canadian Council of Ministers of the Environment's Extended Producer Responsibility Task Group.
- February 26: Oregon House Bill introduced by the House Environment and Water Committee. The Product Stewardship framework bill names mercury-containing lights and rechargeable batteries as initial product areas, and designates the state Environmental Quality Commission to adopt recommendations to the legislative body for future products. A companion bill is expected to be introduced in the Senate.

Local governments have led the push for state framework EPR legislation through Product Stewardship Councils and the adoption of “Joint Framework Principles for Product Stewardship Policy.” The Principles were drafted by the Northwest (Washington and Oregon) and California Product Stewardship Councils. More recently the principles were adopted by the Vermont and British Columbia local government Product Stewardship Councils.

“California, Oregon and Canada are trail-blazers in establishing comprehensive EPR legislation,” said Bill Sheehan, Executive Director of the Product Policy Institute, which was instrumental in harmonizing the Page 1 of 2 final Framework Principles and starting local government Councils in California, Vermont and Texas. “These laws will relieve the financial burden on local governments of managing difficult and toxic products and will stimulate manufacturers to design better products.”

“The primary responsibility should rest with producers,” said Heidi Sanborn, Executive Director of the California Product Stewardship Council. “It is far less expensive to design a product and packaging to reduce waste than it is to create expensive end-of-life recycling and disposal systems that are funded by the taxpayers and garbage ratepayers.”

“As states and local governments gain experience with stewardship laws for individual products, they are starting to see the advantages of a framework approach to improving the sustainability of a range of products,” said Scott Klag of METRO in Portland, Oregon and co-chair of the Northwest Product Stewardship Council.

Additional Contacts (Canada):

Don Jardine, Chair, Canadian Council of Ministers of the Environment, Extended Producer Responsibility Task Group, (902) 368-5035; dejardine@gov.pe.ca

About the Product Policy Institute:

The Product Policy Institute (PPI) is a non-partisan research, communication and educational organization promoting policies that advance sustainable production, consumption and good governance in North America. Founded in 2003, PPI assists the formation of local government product stewardship councils that work to shift product waste management from taxpayer funded to producer funded and managed systems to motivate brand owners to design more sustainable products and packaging. PPI helped launch the California, Vermont and Texas Product Stewardship Councils and is currently working with local governments in other states. PPI is a 501c3 charitable organization under the Internal Revenue Service tax code. For more information, go to www.productpolicy.org

Source: www.hazmatmag.com

New Resource for Businesses to Measure, Reduce, and Offset Emissions

The David Suzuki Foundation is pleased to announce a new publication, 'Doing Business in a New Climate: A Guide to Measuring, Reducing and Offsetting Greenhouse Gas Emissions'.

In these uncertain economic times, businesses are looking for ways to become leaner, more productive, and reduce their exposure to risk. The good news is that taking action on climate change can be an effective way to improve the bottom line -- not only by saving money through reduced fuel and energy consumption, but also by motivating employees, enhancing brands, and boosting competitive advantage.

'Doing Business in a New Climate' provides the best-practice tools and resources needed to set up a greenhouse gas management program, including guidance on how to:

- * Create a customized business case by assessing climate change risks and opportunities;
- * Measure, reduce and optionally offset greenhouse gas emissions to become carbon neutral;
- * Engage employees and other stakeholders with the program; and
- * Build an effective communications strategy.

The guide also profiles over fifty leading businesses from around the world that are benefiting from greenhouse gas management.

'Doing Business in a New Climate' can be downloaded for free at:
www.davidsuzuki.org/Publications/Doing_Business_in_a_New_Climate.aspx

A full-colour, coil-bound hardcopy of the guide can also be purchased for \$30 (plus shipping) by contacting: orders@davidsuzuki.org

www.davidsuzuki.org

Ontario Begins Consultative Process for Design of Greenhouse Gas Cap-and-Trade System

The Ontario Government has begun consultations leading to the implementation of a greenhouse gas cap-and-trade system, which may be in place as early as 2010.

Ontario had previously stated its intention to develop a greenhouse gas cap-and-trade scheme. On June 2, 2008, Ontario and Quebec signed a Memorandum of Understanding to establish a joint cap-and-trade system, inviting other provinces and territories to collaborate, to be implemented as early as January 1, 2010.

Additionally, Ontario is a partner in the Western Climate Initiative (the "WCI"), and has committed to be part of the regional WCI cap-and-trade system which is slated to come into effect in 2012. The Ontario Government has expressed the desire to get out in front of the WCI system in the hopes of providing Ontario entities with a competitive advantage in the new regional, and potentially North American-wide regime.

The consultative process began with the release of a document entitled Discussion Paper: A Greenhouse Gas Cap-and-Trade System for Ontario (the "Discussion Paper"). It outlines the intentions and various proposed details for the regime and invites interested parties to comment.

More information, including a link to the Discussion Paper and presentations from the December 10th launch of consultations, is available at:

<<http://www.ene.gov.on.ca/en/air/climatechange/capAndTrade.php>>
<http://www.ene.gov.on.ca/en/air/climatechange/capAndTrade.php>

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International Interest

CDP Supply Chain and Public Procurement Reports

The Carbon Disclosure Project has just released two new reports, available at www.cdproject.net/reports.asp.

. The CDP Public Procurement Report, which reveals the power of the public sector to use procurement to transform the UK to a low carbon economy. For the first time, local and central government are collaborating to maintain a resilient and sustainable supply chain by requesting that suppliers report their greenhouse gas emissions and climate change strategies.

. The CDP Supply Chain Report, which looks at the carbon footprint and climate change strategies of corporations' suppliers. 34 global corporations have collaborated to look at risk in their supply chain in order to raise awareness and preparedness on this issue amongst suppliers.

To receive a copy of the reports please contact lisa.lee@cdproject.net.

Business and Career Opportunities

Local

Clean Tech Funding Available

If you have a new, innovative technology that helps address climate change or promotes clean water, land or air, then Sustainable Development Technology Canada (SDTC) wants to hear from you.

SDTC's SD Tech Fund™ is accepting Statements of Interest from February 25 to April 22, 2009

The SD Tech Fund™ invests in late-stage development and pre-commercial demonstration of clean technologies by Canadian companies. For more information please visit:

<http://www.sdtec.ca/en/SOInfo.htm>

National

Waste Management Specialist

Supervisor, Program Development
Ad Number: 6559

Description:

The City of Guelph is a culturally vibrant, economically diverse and growing community with over 120,000 residents. Located in the heart of Southern Ontario, Guelph is just one hour's driving distance from Toronto. Set in a picturesque natural setting, the City of Guelph is an organization of choice for people who value integrity excellence, and wellness. If you want to join us in making a difference in our community and beyond, envision your future here and consider a career in this beautiful city.

Your thorough knowledge of environmental and safety legislation, supported by a comprehensive understanding of provincial waste management policies and programs, will enable you to lead a team of employees to implement the recommendations of the City of Guelph's Solid Waste Management Master Plan.

Guided by the City's strategic plan and corporate core values, you will engage residential, industrial/commercial/institutional (ICI), and corporate stakeholders to achieve Council's strategic goal of ensuring that Guelph generates less waste per capita than any comparable Canadian city.

Duties:

- lead the development, implementation and evaluation of new waste reduction policies and programs to achieve the goals and diversion targets as set out in the City's Solid Waste Management Master Plan
- assess new provincial/federal waste management legislation/policies/programs to determine their impact on existing City programs and policies; make recommendations to management on required corrective actions (if any)
- supervise staff that perform the following duties: marketing and procurement, clerical support, waste reduction program development, and strategic planning
- ensure proper hiring practices and work scheduling for employees in the Program Development section; also ensure orientation, job training as required, performance feedback, counselling and career development for employees
- set a visible and positive leadership example in order to promote empowerment of employees through coaching, mentoring, two-way communications and delegation of decision-making; take necessary steps to anticipate impact of changes and to identify and remove barriers to empowerment
- lead the development and implementation of the City's waste reduction promotion and education programs
- establish policies, operating procedures, work methods and standards for the Program Development section; monitor the section's operating performance against established policies and procedures and initiate corrective action in the sections as required
- maintain up-to-date thorough knowledge of existing applicable legislation, guidelines, regulations and policies
- provide effective training and supervision to all staff and contractors on site policies, procedures, and regulatory requirements
- participate in governmental or industry advisory committees as a representative of the City of Guelph
- prepare reports and presentations on activities and plans to Council and Community representatives/partners
- monitor and assist with budget preparation for related operation budgets and capital forecast budget(s)

- participate as a member of Solid Waste Resources Management Team
- perform other related duties as assigned

Qualifications:

- considerable experience related to the duties listed above, normally acquired through the completion of a university degree in Environmental Studies, Business Administration or related discipline and 4 – 5 years' progressive experience in the solid waste industry responsible for researching, planning and implementing waste reduction programs; candidates with an equivalent combination of education and experience may be considered
- demonstrated leaderships skills acquired through experience supervising technical staff, preferably in a unionized environment
- demonstrated communication, interpersonal, presentation and facilitation skills
- proven knowledge of and expertise in all legislation related to regulatory/safety compliance plus the ability to research and stay up-to-date with new legislation
- knowledge of applicable waste management legislation, preferably in a municipal environment
- excellent report writing and computer skills
- a valid Class "G" driver's licence with a good driving record

Salary: \$65,865.74 - \$82,330.93 per year (2008 rates) plus benefits

Applications must be received online, by Tuesday, February 17th, 2009. Please note you will be required to complete a short online questionnaire specific to this position as part of the application process.

Personal information collected through the recruitment process will be used solely to determine eligibility for employment. We thank all candidates in advance; however, only those being considered for an interview will be contacted.

www.guelph.ca/careers

Technical Officer, Environmental Sustainability Analysis

[NRC Institute for Chemical Process and Environmental Technology \(NRC-ICPET\)](#)

Ottawa - Ontario

TO-4

This is a 2 years term position from the date of reporting.

Your Challenge

- Design and develop new computer based approaches in implementing modeling and analysis software tools based upon scientific expertise in the area(s) of environmental sustainability analysis with a current focus on air quality modelling.
- Install, trouble-shoot, and maintain operational software tools and data sets.
- Write or modify specific routines to enhance the performance of the software tools and adapt their functionality to meet ESA research needs.
- Enhance the data sets through development and implementation of new data modelling and analysis tools. Independently assemble new and validated experimental data.
- Implement commercial and in-house complex environmental modelling and analysis tools, and independently conduct specific environmental sustainability analysis and model runs.
- Review, summarize, and extract technical information from relevant literature.
- Present data sets through computer-based charts, graphics and/or visualization tools.
- Interpret and document results through contributing to the presentation of technical papers and reports.
- Provide technical inputs to project plans, budgets, and reporting processes.
- Act as a technical contact for clients and work with clients to fulfill project objectives.

Screening Criteria

Applicants must demonstrate within the content of their application that they meet the following screening criteria in order to be given further consideration as candidates:

Education

- A Bachelor's Degree in Chemistry, Environmental Sciences, Environmental Engineering or Chemical Engineering

Experience

- Experience working with complex environmental modelling systems.
- Experience working in a research laboratory environment.
- Experience with installation, trouble-shooting, and maintenance of computer software for environmental impact studies

Condition of Employment

Reliability Status

Language Requirements English

Assessment Criteria

Candidates will be assessed on the basis of the following criteria:

Technical Competencies:

- Ability to independently use complex environmental modelling systems for environmental impact studies.
- Applied knowledge of environmental engineering, atmospheric chemistry, mathematics and statistics.
- Ability to troubleshoot and modify environmental modelling software tools.
- Ability to model and process complex environmental data sets independently,
- Ability to analyze and interpret modelling results based on underlying model science.
- Ability to present complex data sets and modeling results through computer-based graphics.
- Demonstrated applied knowledge in Unix and scripts.
- Demonstrated applied knowledge in FORTRAN programming for environmental modelling purposes.
-

Behavioural Competencies:

Creative Thinking - Level 3

Results Orientation - Level 2

Teamwork - Level 2

Client Focus - Level 3

Communication - Level 2

Initiative - Level 3

For this position, NRC will evaluate candidates using the following competency profile(s): [Research Technician/Technologist](#)

All competency profiles are available at: http://careers-carrieres.nrc-cnrc.gc.ca/jobsnow/competencies_e.html.

Relocation

Relocation assistance will be determined in accordance with NRC's directives.

Salary Range

From \$57,232 to \$73,604 per annum.

Closing Date

Posted until filled

Notes

In order to ensure a prompt and efficient processing of applications, candidates are encouraged to provide, along with their résumé, a detailed covering letter explaining

how they meet each of the requirements of this position (education, experience, language requirements) by providing concrete examples.

This position is being advertised internally and externally simultaneously, however first consideration will be given to internal applicants.

All applications must be submitted on-line. Please do not fax or email your applications. By applying over the web, your application becomes available to managers immediately.

You should also be prepared to attach your résumé into the online application form in one of the following formats:

Microsoft Word 2000 or earlier

Rich Text Format (RTF)

ASCII text

PDF

As an employer who values diversity in its workforce, we encourage candidates to self-identify as members of the following designated groups: women, visible minorities, aboriginal peoples and persons with disabilities. Measures for accommodation are available to all candidates retained for further assessment.

Please review useful [instructions](#) before applying online.

Apply [here](#)

Seeking Employment

Amanda Huculak

Graduating at the beginning of May with a Bachelor's in Environmental Studies Honours Co-op degree. Seeking a job in the Environmental Sector. Areas of expertise are in Environmental Management, International Development, and Sustainable Tourism.

View [Resume](#)

Upcoming Conferences/Events/Trade Show

Local

2009 Better Buildings Conference

The Manitoba Chapter, Canada Green Building Council offers their membership rate to all MEIA members.

The partners of the 2009 Better Buildings Conference are pleased to announce that conference registration is now open online at <http://www.betterbuildingsconference.com/registration.aspx>

Scheduled for April 7-8 at the Winnipeg Convention Centre, this year's conference features:

- an exciting lunch on day one in partnership with the Winnipeg Chamber of Commerce;
- a mix of local and national speakers covering the latest topics in green building and energy efficiency; and
- an expanded tradeshow exhibit

Also, be sure to register for the Second Annual Green Gala Dinner (tickets sold separately). The gala dinner will feature Kevin O'Leary of CBC's Dragons' Den and co-anchor of BNN's Squeeze Play. Mr. O'Leary's topic will be 'Entrepreneurship in the New Green Economy'.

For complete information and the conference agenda visit: <http://www.betterbuildingsconference.com>

Better Buildings 2009 Conference and Exhibition
info@betterbuildingsconference.com
Tel: (204) 777-2662

Capturing Opportunities

April 23 and 24
Brandon, Manitoba

The MEIA will be participating on a panel at Capturing Opportunities, hosted by the Manitoba Agriculture, Food and Rural Initiatives (MAFRI).
Watch this website: <https://www.capturingopportunities.ca> for further details of the conference to be held on April 23 and 24, 2009 in Brandon, Manitoba.

National

EnerCan West: Energy for a Sustainable Future

March 16 – 17, 2009

Saskatchewan, as a Canadian and global leader in economic growth, is the place for investment, research and business development. And energy is top-of-the-heap for opportunities from all perspectives.

EnerCan West, a two day energy conference and trade show co-hosted by the Saskatchewan Environmental Industry and Managers Association (SEIMA) and the Manitoba Environmental Industries Association (MEIA) is on a fast-forward trajectory for delivery of the best minds, best practices and best technological information available in the field of sustainable and renewable energy options.

On March 16 & 17, 2009, the EnerCan West inaugural event will focus on the role of nuclear energy in the energy mix of the future. Where does nuclear fit in a climate-challenged world?

WE'RE PROUD TO LAUNCH OUR NEW WEBSITE AT www.enercanwest.com, where you'll find all the details on this exciting new international conference and trade show. Check it out now!

AMERICANA International Environmental Trade Show and Conference

MEIA is a Supporting Organization of Americana 2009

March 17 – 19, 2009

RÉSEAU environnement will hold its 8th edition of the AMERICANA International Environmental Technology Trade Show and Conference from March 17 to 19, 2009 at the Montreal Convention Centre. Recognized as one of the most important events of its kind in North America, this year's AMERICANA will play host to more than 10,000 participants, 400 exhibitors and 150 speakers from Québec, Canada and more than 60 countries worldwide. Created in 1995 and held every two years, AMERICANA is organized by RÉSEAU environnement. For more information or for registration please visit: www.americana.org

9th Annual Environment Industry Day

Ontario's Environment Industry – Open for (Green) Business.

Registration is now open for the 9th annual Environment Industry Day, held at Queen's Park each year by the Ontario Environment Industry Association (ONEIA). This year's theme is "Ontario's Environment Industry – Open for (green) business."

EID offers environment firms the opportunity to meet MPPs and Ministers throughout the day and discuss environmental issues with senior staff from various ministries at the afternoon roundtables. The evening reception, co-hosted with Environment Minister the Hon. John Gerretsen, is an excellent business networking opportunity, featuring a "who's who" of government and the environment industry.

WHAT: Environment Industry Day at Queen's Park
WHEN: April 29, 2009
WHERE: Ontario Legislature, Queen's Park, Toronto
COST: For ONEIA members, the fee of just \$150 (unchanged from last year) provides access to all or any parts of the day. Those who are friends of the Association or not yet ONEIA members pay \$150 to attend the reception.

TO REGISTER:

[ONEIA Member Registration](#)

[Non-Member Registration - Evening Reception](#)

Plus - new for 2009! In partnership with the Ministries of Environment, Economic Development and Research and Innovation and the Ontario Centres of Excellence, we will release the Deloitte-ONEIA research report. This groundbreaking study will look at how our province's environment industry can grow and prosper in coming years.

Pre-registration is highly recommended to avoid disappointment and because tighter security procedures at Queen's Park may not accommodate walk-in registrants.

World Conference on Sport and the Environment Coming to Vancouver

March 29-31, 2009

A worldwide forum on opportunities and issues for sustainable sport is coming to Vancouver. The International Olympic Committee (IOC), in partnership with the United Nations Environment Programme (UNEP), will convene the 8th World Conference on Sport and the Environment from March 29-31, 2009.

The theme for the 2009 conference is Innovation and Inspiration: Harnessing the Power of Sport for Change. The program will feature speakers from the international sport community examining how sport organizations and major sporting events can contribute to environmental, cultural and economic sustainability at local, regional and global levels. The conference will offer plenary and concurrent sessions under two conference tracks: Sport for Environmental Solutions and Sport for Sustainable Living.

The Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games (VANOC) will host the conference at the Vancouver Convention & Exhibition Centre on behalf of the IOC and UNEP.

"It is an honour to be hosting such a prominent conference on sport and the environment here in our own backyard at a time when the eyes of the world are on us," said John Furlong, chief executive officer for VANOC. "We are especially proud, as Canada and particularly British Columbia, are leaders and innovators in environmental stewardship and sustainability. This conference presents a unique opportunity for local and international delegates to share new knowledge and experiences with a global emphasis."

The IOC supports Olympic cities hosting the World Conference as it provides an arena for discussion on sustainability and the Olympic Movement. The conference brings the world together to recognize the progress made in staging more

sustainable Games while encouraging cooperation and further development of environmental initiatives relating to sport as well.

"The environment is an important part of the work of the Olympic Movement and we recognize there can be many opportunities for sport and the Olympic Games to provide sustainable environmental legacies," said Jacques Rogge, IOC President. "The recent attention given to global warming has pushed sustainability to the very top of the agenda for governments, businesses and ordinary citizens. The conference brings together the world of sport and environment to share knowledge and advance practices related to sport and its relationship with the environment and communities."

This will be the first time the international conference will be hosted by a Canadian city. Past conferences have been held in Nairobi, Kenya; Torino, Italy; Nagano, Japan; Kuwait City, Kuwait; Rio de Janeiro, Brazil; and, Lausanne, Switzerland. The 7th World Conference on Sport and the Environment was hosted by the Beijing Organizing Committee for the Games of the XXIX Olympiad in Beijing, China in October 2007.

In addition to the conference, the 2009 World Conference on Sport and the Environment will feature an [Innovation and Inspiration](#) exposition to showcase best practices by organizations in the Olympic family who promote sustainable living and sustainable development through sports. The exposition will be open to the general public as well as the international audience of high-level conference delegates, including IOC and UNEP representatives and global corporate entities.

Interested exhibitors should book early as this opportunity is sure to sell out. Please contact The Globe Foundation at +1 604.775.8027 or e-mail exhibits@wcse2009.com.

Registration for the conference is now open. Visit <http://www.wcse2009.com/> for more details about the program and conference features.

About the WCSE

The World Conference on Sport and the Environment typically attracts a global audience of many hundreds of participants, including representatives from the IOC, UNEP, National Olympic Committees and International Sports Federations, past and current Organizing Committees, candidate cities (current and aspiring), other major international sporting events, governments, corporate sponsors, academic institutions and environmental organizations. Learn more about the WCSE at <http://www.wcse2009.com/>.

About VANOC

VANOC is responsible for the planning, organizing, financing and staging of the XXI Olympic Winter Games and the X Paralympic Winter Games in 2010. The 2010 Olympic Winter Games will be staged in Vancouver and Whistler from February 12 -

28, 2010. Vancouver and Whistler will host the Paralympic Winter Games from March 12-21, 2010. For more information about VANOC and the 2010 Winter Games, visit www.vancouver2010.com.

About GLOBE

The GLOBE Foundation is a Vancouver-based, not-for-profit organization dedicated to finding practical business-oriented solutions to the world's environmental problems. Formed in 1993, the Foundation has helped companies and individuals realize the value of economically viable environmental business opportunities through [conferences and events](#), [research and consulting](#), [project management](#), [communications](#) and [GLOBE Awards](#).

For More Information: [GLOBE-Net](#)

EPIC: The Vancouver Sun Sustainable Living Expo

May 8 - 10, 2009

EPIC: The Vancouver Sun Sustainable Living Expo is Vancouver's largest green consumer show and eco-marketplace. Visit EPIC to learn about environmentally-friendly products and companies that mix style and quality with sustainability.

Greening your life is easy - all you need is a little education and inspiration. EPIC has lots of both. Join us for this three day celebration of green living, and surround yourself with truly inspiring people and environmentally innovative products.

Learn how to live a healthier, more sustainable life from experts in everything from eco traveling to green weddings. Reveal your inner treehugger and spend the day shopping in our marketplace of over 200 organizations offering the latest green products that are earth-friendly, ethically sourced, and better for your health. Let EPIC inspire you to 'Shop and Th!nk'.

International

The 11th International Conference on Energy and Environment

March 15-18, 2009
Hurgada , Egypt

I am pleased to introduce to you the 11th International Conference on Energy and Environment that will be held in Hurgada, Egypt March 15-18, 2009. This conference will also be coupled with the 8th World Conference on Solar Electricity.

The Conference is held every two years and organized jointly by The Supreme Council for Scientific Research in Egypt , Wayne State University in Detroit, Michigan and the University of California (UCLA), USA .

It covers broad topics on Energy and Environment including the following topics
Renewable Energy: Solar, Wind, Biomass,...

Advanced Energy Technologies: Nuclear (fission and fusion), Dark Energy, Nano - materials and technology.

Environmental issues related to energy: Combustion, air pollution, bio fuels, hydrogen and fuel cells, and environmental and health effects of electromagnetic waves.

The website for the conference is: <http://www.eecairo.com>

Canadian Pavilion at Designbuild 2009 in Sydney, Australia

May 21 – 23, 2009

There will be a Canadian pavilion at Designbuild 2009, an international building and design exhibition, for the building, construction, building products and design sectors. The tradeshow will be held May 21-23, 2009 in Sydney, Australia.

Opportunities for Canadian building products exports exist in the provision of innovative building products and materials. Some of the products in demand include insulation materials, energy-efficient and environmentally friendly green building products, wood-based building products and Do-It-Yourself home improvement components.

<http://www.international.gc.ca/canadexport/articles/90121d.aspx>

Carbon TradeEx America

April 7-8, 2009
Convention Center
Washington, D.C.

Koelnmesse is working with the Carbon Markets and Investors Association (CMIA) to deliver the premiere Carbon Market conference and trade in the U.S. Carbon TradeEx America is being designed to serve the national education, networking, and business needs of all current and future Carbon Market players.

For more information or to pre-register go to www.carbontradeexamerica.com. Please enter priority code CTA-05. Or call us at 773-326-9925.

Local Renewables 2009 Conference

April 27 - 29, Freiburg, Germany

Local Renewables is *the* international conference presenting flagship examples, proven successes and state-of-the-art technologies and approaches in the transition towards renewable energy at the community level. Multiple study tours on innovative sustainable energy solutions are offered.

Confirmed prominent international speakers include:

- Dr. Hermann Scheer, President of EUROSOLAR, General Chairman of the World Council for Renewable Energy (WCRE), co-founder of International Renewable Energy Agency (IRENA), and recipient of the Right Livelihood Award
- Dr. Monica Oliphant, President of the International Solar Energy Society (ISES)
- Dr. Volker Wittwer, Deputy Director of the Fraunhofer Institute for Solar Energy Systems, the largest solar energy research institute in Europe
- Dr. Eric Martinot from the Institute of Sustainable Energy Policies, main editor of the REN21 Renewables Global Status Report.

To register and to find more information about programme and logistics, please visit the website:

www.local-renewables.org/freiburg2009 or contact our conference team at lr2009@iclei.org

Clean Technology Conference and Expo 2009

May 3 – 7, 2009
George R. Brown Convention Center
Houston, Texas

Our Mission: Advance the development, commercialization and global adoption of clean technologies and sustainable industry practices.

Powerful Community: Clean Technology 2009 brings together over 5,000 [technology and business leaders](#) and experts from academia, investment, government, startups and Fortune 1,000 companies.

Delivering Results: Identifying latest clean technologies and commercial sustainable solutions, driving advanced research insight and best practices, matching buyers and sellers, enabling strategic partnerships, and providing IP licensing, venture capital, corporate financing and customer acquisition opportunities.

For more information click [here](#)

Monitoring Climate Change Impacts: Establishing a Southern Ocean Sentinel Program

Workshop 20-24 April 2009
CCAMLR Headquarters, Hobart, Tasmania, Australia

Supported by the Australian Antarctic Division (AAD), WWF, and the Antarctic Climate and Ecosystems Co-operative Research Centre (ACE CRC)

A timely interdisciplinary workshop to address important issues in measuring, assessing and providing early-warning detection of climate change impacts on marine ecosystems and biodiversity, by measuring change in the Southern Ocean. A key focus will be to promote national and international collaboration.

Scientists, policy and decision-makers and representatives of NGOs are invited to participate.

For further information visit www.aad.gov.au/sentinel or email sos@aad.gov.au