



Canada's Voice for  
Brownfields Redevelopment

**CBN Member Update: November 2016 - #1**



**REMEDIATION TECHNOLOGY SEMINAR  
TUESDAY, NOVEMBER 22, 2016!**

CBN partner HazMat Management Magazine will be hosting a seminar this month and is extending **special pricing** to CBN members.

**REMEDIATION TECHNOLOGY SEMINAR  
November 22<sup>nd</sup>, 2016  
75 Derry Road West, Mississauga, ON L5W 1G3  
8:30 am until 11:30 am ET**

This seminar provides an overview of new developments in remediation technology in Canada and discusses the impacts of how new regulations will impact the approach to the clean-up of contaminated sites. Several new and innovative technologies are introduced in the context of case studies. Register at: <https://hazmat.rsvp360.co/events> (secure server).

**CBN members are entitled to a 10% discount off the prevailing rate** (early-bird rate \$199.00 less 10% CBN discount; **early-bird expires Tuesday, November 15**; regular rate after November 15 \$275.00 less 10% CBN discount); just enter "CBN" in the "Group" box.

**Time**

**Topic/Speaker**

**8:30-9:10**

**Overview of Remediation Approaches used in Canada**  
David Wade, Premier Group - confirmed

**9:10-9:40**

**Innovative Methods of Remediating Soil and Groundwater**  
Jason Gerhard, Association Professor, Western University - confirmed

**9:40-10:10**

**Impact on New Regulations and Clean-up Choices**  
Paul Manning, Manning Environmental Law - confirmed

**10:10-10:30**

Break

**Case Examples of Sustainable Innovative Canadian  
Technologies Cleaning Up Contaminated Sites Around the World**

10:30-11:00

Brian Butters, Purifics - confirmed

11:00-11:30

**New Technologies in Remediation of Groundwater**  
**Rick McGregor, InSitu Remediation Services -confirmed**

11:30-Noon

**Meet the Speakers and Networking**

---

### Speakers' Biographies

#### **David Wade, B.Sc., P.Geo., Premier Environmental Services Inc.**



President of Premier Environmental Services' Canadian Operations, David is a Professional Geoscientist licensed in Ontario, Quebec, Nova Scotia and British Columbia and has been undertaking environmental site assessments and remediation for more than 25 years. David is one of Canada's leading environmental risk managers and has developed environmental liability risk transfer programs using unique insurance solutions in the captive and commercial markets throughout the World. David specializes in contaminated properties that present difficult environmental liabilities and helping clients that have been previously unable to obtain site closure.

#### **Paul Manning, Certified Environmental Law Specialist, Manning Environmental Law**



Paul is the principal at Manning Environmental Law. He is a Specialist in Environmental Law certified by the Law Society of Upper Canada. Paul is named as one of Canada's leading Environmental Lawyers by Who's Who Legal: Canada and is ranked by Lexpert as one of Canada's leading Energy Lawyers, Paul holds a Masters degree in Environmental Law. He obtained a certificate in Carbon Finance from the University of Toronto and a U.K. accreditation as an expert in Planning Law. Paul has broad experience in environmental law, ranging from contaminated land and environmental due diligence, through environmental regulatory advice and defence of prosecution, to tribunal and appellate advocacy. Paul has a particular interest in energy law and climate change regulation. Specialties: Tribunal and Appellate Advocacy especially in environmental, energy, Aboriginal and land use planning issues, Constitutional Law, Environmental Regulatory Law, Energy Law, Climate Change Regulation.

#### **Brian Butters, P.Eng., MBA, Purifics**



Brian is the President and co-founder of Purifics. The company has been in business for over 20 years and specializes in sustainable water purification based on technical innovation. Solutions developed by Purifics for industrial and municipal applications are largely chemical free, offer reduced complexity, low maintenance, and full remote automation. Brian has over 25 years of experience remediating contaminated sites all over North America, as well as Europe and Asia. Over the course of his career Mr. Butters has held various positions in Aerospace, Defense, Energy and Water Industries. Brian graduated from the University of Waterloo in 1982 with a degree in mechanical engineering and obtained his MBA from the Richard Ivey School of Business in 1987. He is a licensed Professional Engineer in the Province of Ontario.

#### **Dr. Jason Gerhard, Ph.D., P.Eng., Associate Professor, Western University**



Dr. Jason Gerhard is an Associate professor at the University of Western Ontario and conducts innovative research aimed at site restoration through the development of novel engineering technologies in addition



through the development of novel engineering technologies in addition to enhancing understanding of the behaviour of contaminants in the subsurface. Key research areas include NAPL source zone dynamics, soil and groundwater contamination, pilot field trials of new remediation technologies, and numerical modelling to optimize remediation. He co-directs the RESTORE research group with 4 labs and approximately 25 researchers (<http://www.eng.uwo.ca/research/restore/>). Jason has a PhD in Civil Engineering from Queen's University and is a licensed professional engineer in the Province of Ontario. He regularly provides expert consulting to industry. Jason owns several patents including for STAR (in-situ) and STARx (ex-situ) remediation technologies based on smouldering destruction.

**Rick McGregor, M.Sc. Hydrogeology, MBA, InSitu Remediation Services**



Rick has over 26 years' experience in groundwater and soil assessment and remediation and has worked in over 30 countries including in the Middle East. Rick holds a M.Sc. from the University of Waterloo in hydrogeology and geochemistry and is a Certified Ground Water Professional in Canada and the United States. He is the President of InSitu Remediation Services Ltd based in Southern Ontario and has authored dozens of papers on groundwater assessment and remediation.

Be sure to register at:  
<https://hazmat.rsvp360.co/events> (secure server) **by Tuesday, November 15** for the early-bird rate of \$199.00 less the CBN member discount. Registration after that date is \$275.00 less the CBN discount.  
Enjoy this important seminar!

This information is being sent by the Canadian Brownfields Network (CBN) and HazMat Management Magazine as we thought it may be of interest to you.

**UNSUBSCRIBE INSTRUCTIONS**

If you would like to unsubscribe from these e-mails, please send an empty e-mail with the word "**UNSUBSCRIBE**" in the subject line to [info@canadianbrownfieldsnetwork.ca](mailto:info@canadianbrownfieldsnetwork.ca).

**Canadian Brownfields Network**

2800 14<sup>th</sup> Avenue, Suite 210  
Markham, ON L3R 0E4  
Tel: 416-491-2886