

# Agenda (subject to changes and substitutions)

April 16, 2008	
2:00 - 5:30	Registration / Exhibitor Setup (Heritage Hall) Registration open until 8 PM
6:00 - 9:30	Welcoming Reception (Mount Temple Ballroom)      Sponsored by Stantec Consulting Ltd. Registration open until 8 PM

April 17, 2008	
7:00 - 8:00	Registration / Networking Breakfast (Exhibit Area / Mount Temple Ballroom)
8:00 - 8:10	Opening Remarks and Welcome (Mount Temple Ballroom) Emcee: Mr. Orest Warchola, Alberta International and Intergovernmental Relations  Opening Remarks and Welcome Mr. Craig Robertson, Wiebe Environmental Services, ESAA President
8:10 - 9:25	Opening Plenary Session (Mount Temple Ballroom)  Water - Lubricating Investment in Alberta (Abstract 31) Norm Jede, Director, Environmental Products and Services , Alberta Finance and Enterprise  Groundwater in Alberta - Yesterday, Today and Tomorrow, the Challenges and the Opportunities (Abstract 12) David McKenna, Business Unit Leader, Groundwater Policy Branch , Alberta Environment  Water Quality Protection Initiatives in the Alberta Agricultural Operation Practices Act (Abstract 32) Peter Woloshyn, Chief Executive Officer, Natural Resources Conservation Board (NRCB)
9:25 - 9:45	Networking Break (Exhibit Area - Mount Temple Ballroom) Visit the Exhibitors
Concurrent Sessions (Plain of Six Room)      Concurrent Sessions (Lakeshore Room)	
	<b>Site Analysis</b> <b>Tools/Testing/Regulatory</b>
9:45 - 10:15	The Geology and Hydrogeology of the Spyhill Area (Calgary, AB) (Abstract 11) Clare North, WorleyParsons Komex
10:15 - 10:20	5 minute Transition
10:20 - 10:50	Buried Bedrock Channels in the Athabasca Oil Sands Region – Conceptual Understanding and Implications to Water Supply (Abstract 3) Scott Rayner, Matrix Solutions Inc.
10:50 - 10:55	5 minute Transition
10:55 - 11:25	Hydrogeology of a Shallow Coalbed Methane Play - A Case Study of Ardley Coal in West-Central Alberta (Abstract 15) Shane M. Harrison, SH Consulting Services
11:25 - 11:30	5 minute Transition
11:30 - 12:00	Pumping Test Analysis of Fourteen Depressurization and Injection Wells in the Basal McMurray Watersand, Fort McMurray, Alberta (Abstract 25) Justin Bourn , Jacques Whitford AXYS Ltd.
12:00 - 2:00	Keynote Luncheon (Mount Temple Ballroom) Sponsored by Bodycote Testing Group Hydrogeologists without Borders - An Update Craig Robertson, Wiebe Environmental Services "Undersea Images" David Doubilet, Contributing Photographer-in-Residence, National Geographic Magazine
2:00 - 2:30	Networking Break (Exhibit Area - Mount Temple Ballroom) Visit the Exhibitors

**April 17, 2008 (continued)**

	Concurrent Sessions (Plain of Six Room)	Concurrent Sessions (Lakeshore Room)
	Waste Water/Water Treatment/Stormwater	Groundwater
2:30 - 3:00	Effluent Treatment Using a Multi-stage Pre-Treatment Train Integrated with Electro-Kinetic Remediation (EK <sub>3</sub> ) and Electro-Dialysis (ED) (Abstract 8) Bonnie Swift, Pioneer Professional Services Group	Nitrate and Sulfate Assisted Biodegradation of Petroleum Hydrocarbons: Treatability Study and Pilot Scale Results (Abstract 20) David Abranovic, ERM
3:00 - 3:05	5 minute Transition	
3:05 - 3:35	Surfactant Enhanced Remediation (SER) of Contaminated Solid-liquid Drilling Wastes, Industrial Waste Water, and Groundwater (Abstract 29) George A. Ivey, Ivey International Inc.	In-Situ Groundwater Nitrification and De-Nitrification Remediation Processes (Abstract 16) Stephen Mailath EBA Engineering Consultants Ltd.
3:35 - 3:40	5 minute Transition	
3:40 - 4:10	Review of the Use of Atrazine and Its Occurrence and Control in Drinking Water (Abstract 27) Suzanne Lazorko-Connon, University of Calgary	Remediation of Sulfolane Impacted Groundwater – Characterization, Treatment and Disposal (Abstract 26) Jamie Fairles, WorleyParsons Komex
4:10 - 4:15	5 minute Transition	
4:15 - 4:45	Potential Impacts of Climate Change of Stormwater (Abstract 24) Michael Hulley, XCG Consultants Ltd.	Pilot Testing of Groundwater Circulation Well Technology for a Caustic Groundwater Plume in a Coastal Aquifer (Abstract 22) Lynda Smithard, URS
4:45 - 6:30	Meet the Exhibitors Reception (Exhibit Area - Mount Temple Ballroom)	

**April 18, 2008**

7:30 – 8:25	Networking Breakfast (Exhibit Area - Mount Temple Ballroom) Visit the Exhibitors	
	Concurrent Sessions (Plain of Six Room)	Concurrent Sessions (Lakeshore Room)
	Stormwater/Wetlands	Hydrogeology
8:25 - 8:55	Polymer Enhanced Best Management Practices for Erosion, Sedimentation Control and Stormwater (Abstract 23) Steve Iwinski, University of Central Florida	The Effects of Climate Change and Land Use On Basin Hydrology: A Review of Major Forcings Affecting Water Balance (Abstract 7) Jon Fennell, WorleyParsons Komex
8:55 - 9:00	5 minute Transition	
9:00 - 9:30	Constructed Wetlands for the Remediation of Contaminated Waters (Abstract 6) Chad Brassard, CH2M HILL Canada	Perchlorate as an Emerging Contaminant – Health Implications, Environmental Forensics, and Novel Remediation Techniques (Abstract 21) Erik Martin TRIUM Environmental Solutions Inc.
9:30 - 9:35	5 minute Transition	
9:35 - 10:05	Measuring Wetland Health - Using Bioassessment Tools (Abstract 19) Geetha Ramesh, WorleyParsons Komex	Hydrogeologic Assessment in Support of the Development of The Peace River Oil Sands Deposit: A Case Study Concerning a Pilot-Scale In-Situ SAGD Operation (Abstract 13) William (Bill) Wilmot, Matrix Solutions Inc.

**April 18, 2008** (continued)

10:05 - 10:30	Networking Break (Exhibit Area - Mount Temple Ballroom) Visit the Exhibitors	
	Concurrent Sessions (Plain of Six Room)	Concurrent Sessions (Lakeshore Room)
	A Little of Everything	Tools/Testing/Analysis
10:30 - 11:00	Integration Chemical and Biological Technologies for Remediation of Contaminated Soil and Groundwater (Abstract 17) Leonard Chan, Canada Colors & Chemicals	Surface Water Quality Monitoring: Program Design for Data Analysis (Abstract 28) Sergei G. Touchinski AMEC Earth & Environmental
11:00 - 11:05	5 minute Transition	
11:05 - 11:35	Application of ICP/MS Collision Cell Technology for the Analysis of Trace Metals in Marine Waters and Other Challenging Matrices (Abstract 1) Phil Heaton, Maxxam Analytics Inc.	A Comparison of Dissolved Analyte Concentrations in Water Samples Collected Prior to and Following Purging of Groundwater Monitoring Wells in Alberta (Abstract 5) Brent Moore, Devon Canada Corporation
11:35 - 11:40	5 minute Transition	
11:40 - 12:10	Using Controlled Source-Audio Frequency Domain Magnetics for Contaminated Groundwater Site Characterization: A Minimally Invasive Approach (Abstract 30) Paul Rollins, Willowstick Technologies	Low-Flow Groundwater Sampling: An Update on Proper Application and Use (Abstract 18) David Kaminski, QED Environmental Systems
12:10 - 12:15	5 minute Transition	
12:15 - 12:45	Water and Oil Do Mix! A Discussion on How Leading - Edge Oil Field Technologies are Applied to Groundwater Applications (Abstract 33) Ken Campbell, Schlumberger Water Services	The Benefits of Web-Based Environmental Information Management (Abstract 2) Chris Arneson, TriHydro Corporation
12:45 - 2:15	Keynote Luncheon, and Closing Remarks (Mount Temple Ballroom) "Putting Humour to Work" Michael Kerr, Author of <i>When Do You Let the Animals Out?</i>	