

**March 21, 2013**  
**Hampton Inn South**

**Featured Speaker: Dr. R. Kerry Rowe – Queen’s University**  
**Designing & Constructing Lining Systems**

### Environmental Engineering

Designing and constructing a lining system is continuously changing and can be a challenging task to implement. This workshop sponsored by Terrafix Geosynthetics and Brock White Construction will benefit engineering consultants, designers, and owners to review current lining technology and to develop solutions to design and construction challenges. The workshop will deal with the design of “barrier systems” which separate waste from the surrounding environment and which are intended to prevent contamination of both groundwater and surface waters. The key speaker will discuss all key aspects of the design of barrier systems, including leachate collection, natural barrier such as clayey aquitards, clay liners, geosynthetic clay liners, geomembranes and composite liners, providing state-of-the-art work of reference of great value to engineers and environmentalists alike.

*The presentation will include an update on an extensive site research being done at Queen’s University.*

Speakers: David Fuerth, P.Eng. / Vice President Sales – Terrafix / Subgrade Improvements	8:00am-8:45am
Bruno Herlin, P.Eng. / Product Manager – Bentofix-Terraclay / Geosynthetic Clay Liners	8:45am-9:30am
Dr. Kerry Rowe / Queen’s University / Barriers Systems / Designing with GCLs & HDPE	9:30am-12:45pm

### Featured Speaker: Dr. R. Kerry Rowe, FREng, FRSC, FCAE, P.Eng.

Dr. Rowe has been the author of more than 500 publications and has extensive research and consulting experience in geosynthetics and geoenvironmental engineering. His research has involved evaluation of geosynthetics (geotextile, geomembrane, and geosynthetic clay liners) for many barrier applications including covers and liners for landfills, containment spills, lagoons, and most recently mining applications. Dr. Rowe is a past-president of the Canadian Geotechnical Society, the Engineering Institute of Canada, and the International Geosynthetics Society.

Date:	March 21 <sup>th</sup> , 2013.	Where:	Hampton Inn South
Time:	Registration & Continental Breakfast 7:30am-8:00am		10020 – 12 <sup>th</sup> Avenue Southwest
Workshop:	8:00am to 12:45pm (lunch to follow).		Edmonton, AB
Cost:	\$20.00		

RSVP: by March 1, 2013.  
email or fax: [ykohlmann@terrafixgeo.com](mailto:ykohlmann@terrafixgeo.com) / 416.674.1159  
Phone: 416.674.0363 x274  
Mail: Terrafix 455 Horner Ave., Etobicoke, ON

**LIMITED SPACE AVAILABLE**  
Classroom style seating - Limited seating.  
Registration closed once full capacity reached.

Registration Form for Designing & Constructing Lining Systems – March 1<sup>st</sup>, 2013.  
Registration Fee: \$20.00 per seat - Registration deadline is prior to March 1<sup>st</sup> and/or sell out.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Organization or Company: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_ Visa or MC accepted.

Please return registration form with fee to: Terrafix 455 Horner Ave., Etobicoke, ON  
Please make cheque attention to the sponsor of the workshop: Terrafix. Visa or Master Card also accepted.