



**2017-2018**

*February Meeting Notice*

# **Minnesota Geotechnical Society**

## **Managing Short-Term and Long-Term Risks – Landfills and Geosynthetics**

**Professor R. Kerry Rowe, PhD, D.Eng, DSc(hc), NAE, FRS, P.Eng**  
**Professor and Canada Research Chair in Geotechnical and Geoenvironmental Engineering**  
**Queen's University at Kingston, ON, Canada**

In 1978 Love Canal focused attention on waste management as an important societal issue and, in particular, on the design of landfills. Thirty years later the Victorian (Australia) government declared a state-of-emergency and hundreds of people were evacuated because of excessive levels of methane in their homes. This talk discusses how lessons learnt from past problems and modern research have greatly influenced modern waste management and disposal in many parts of the world. It discusses the need for long-term performance of landfills and how understanding the factors affecting both component and system performance is essential to ensuring long-term environmental protection. It discusses examples where there has been excellent performance (environmental protection) due to liners in landfills and how this knowledge had been extended to the cleanup of contaminated soils from the Arctic to the Antarctic.

**Date:** Thursday February 22<sup>nd</sup>, 2018

**Location:** UofM Continuing Education and Conference Center  
1890 Buford Avenue, Courtyard Room, St. Paul, Mn

**Time:** **6:00** Social Hour  
**7:00** Dinner – Buffet Style  
**8:00** Presentation – Professor R. Kerry Rowe  
(One professional development hour toward continuing education requirements for Professional Engineers is available).

**Cost:** \$30.00 professionals, \$10 for full-time students  
Pay online or make checks at the door payable to “MGS”

**Reservations:** Requested by noon, Monday, February 19<sup>th</sup>, 2018

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