

The 2009 John Adjeleian Lecture

The 2009 John Adjeleian Lecture, titled **“From the Town Dump to the Modern Landfill: What we do well, and what we can do better”** will be delivered by **Dr. R. Kerry Rowe**, D.Eng., FRSC, FCAE, FEIC, P.Eng. Professor, Dept. of Civil Engineering and Vice-Principal (Research), Queen’s University, Kingston, Ontario on March 24, 2009 in the Senate Room, 6th Floor, Robertson Hall (RO).

“From the Town Dump to the Modern Landfill: What we do well, and what we can do better”

R. Kerry Rowe

Educated at the University of Sydney, Australia, Dr. Rowe worked as a geotechnical engineer with the Australian Government Department of Construction prior to emigrating to Canada in 1978.

He spent 22 years as a professor, including 8 years as Chair of the Department of Civil and Environmental Engineering, at the University of Western Ontario, London, Ontario. He is presently a Professor of Civil Engineering and the Vice-Principal (Research) at Queen’s University in Kingston, Ontario. His research and consulting has been in the fields Geotechnical, Geosynthetic, Hydrogeologic, Landfill and Geoenvironmental Engineering. He is the lead author of the book “Barrier Systems for Waste Disposal Facilities” and editor of the Geotechnical and Geoenvironmental Engineering Handbook for Kluwer Academic Publishers, and has more than 400 publications in refereed journals, conferences and books dealing with:

- contaminant migration through soil and rock
- landfill design
- containment of contaminated sites
- geosynthetics (including geotextiles, geomembranes, geogrids, geonets, etc.)
- reinforced embankments and walls
- tunnels in soft ground
- failure of slopes and excavations

Dr. Rowe’s research has been recognized with a number of awards including the K.Y. Lo medal (1993), Giroud Lecture (2002), Keefer Medal (2001), Ontario Ministry of the Environment Award for Excellence in Research and Development (1999), Professional Engineers Ontario Engineering Medal –Research and Development (1999), International Geosynthetics Society Gold Medal (1996), amongst many. His research and teaching has been recognized by a number of awards, most recently the Killam Prize and Leggat Medal.

In 1989 he received a prestigious Steacie Fellowship from the Natural Sciences and Engineering Research Council. He has also been twice honored for outstanding teaching, receiving the Ontario Confederation of University Faculty Associations’ Excellence in Teaching Award in 1997 as well as the University of Western Ontario’s Edward G. Pleva Award for Excellence in teaching in 1996.

He has been elected a Fellow of both the Royal Society of Canada and the Canadian Academy of Engineering, Engineering Institute of Canada, Australian Institution of Engineers, Canadian Society for Civil Engineering and the American Society of Civil Engineers.