

Speaking of Engineering...

Have you ever wondered... about Canada's role in greenhouse gas mitigation?



In light of Canada's ratification of the Kyoto protocol, the issue of greenhouse gas mitigation will become increasingly important as Canada attempts to meet the Kyoto objectives. Greenhouse gas mitigation is the elimination, minimization, or sequester of gases linked to climate change. Dr. Kelly Hawboldt will talk about the effects of greenhouse gas and about the numerous methods of controlling greenhouse gas emissions.

Dr. Hawboldt is an assistant professor in the Faculty of Engineering and Applied Science. Before joining Memorial, Dr. Hawboldt worked in private industry, including the oil and gas and petrochemical sectors, as both a process and environmental engineer. Her research interests lie in gas management from industrial facilities, particularly petroleum operations.

Tuesday, Oct. 19, 2004
7:30 p.m.
S.J. Carew Building
Room EN2006
Reception to follow

how engineering can help charity?



Engineers are known for designing innovative consumer products and machines that make our lives more productive or easier. Engineers are also known for designing grandiose structures, bridges, and offshore oil platforms. However, there is one aspect of engineering that is less well known: engineering for charity. Dr. Leonard Lye will tell you how he, and other volunteers, use engineering to help the St. John's Chapter of the Tetra Society of North America, an award winning charity, create assistive devices for people with disabilities. Tetra recognizes that people are not handicapped by their disabilities but by restrictions in their living environment and that solutions, however simple, can profoundly change someone's life.

Dr. Lye is a professor in the faculty, the 2001 winner of the PEGNL Teaching Award and 2003 winner of the President's Award for Distinguished Teaching. He has been with Memorial University since 1988. His research interests are statistical and stochastic hydrology, environmental statistics, design of experiments, and hydraulics and hydrology. He is also a consultant to various companies, president of another company he founded with a student, and has taught professional development courses in Canada, Malaysia, Hong Kong, Saudi Arabia and Indonesia. Dr. Lye is the founder of the local chapter of two national charities; the Tetra Society of North America and the Taoist Tai Chi Society, which he founded with his wife.

Tuesday, Nov. 30, 2004
7:30 p.m.
S.J. Carew Building
Room EN2006
Reception to follow

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