

## ***30 by 30 in Manitoba***

30 by 30 has now received national support across all provinces and territories. Join this session to find out what 30 by 30 is, and how this initiative impacts you. There will be an analysis of the percentage of women in engineering in Manitoba and comparisons will be made across Canada. Explore some of the perceived challenges to women in engineering, such as "the leaky pipe", which represents the continuous loss of women in science and engineering as they progress in their career. Trained engineers with experience are a coveted asset for any organization - recommendations will be shared on how to increase the number of women entering engineering education programs, and workplace strategies that have been demonstrated to attract and retain women.

**Speakers: Indra Kalinovich, EIT (ON), Lindsay Melvin, P.Eng. FEC, and Michelle Wadelius, P.Eng.**

**Indra Kalinovich, EIT (ON)**, is an Associate with the Winnipeg, Manitoba office of Dillon Consulting, where she tackles environmental challenges, such as PCBs in the Canadian Arctic, and the wide-spread use of firefighting foams in airports. She holds a Ph.D. in Civil Engineering from Queen's University. Prior to joining Dillon, Indra worked at the University at Buffalo (SUNY) as a postdoctoral hydrogeochemist, and is presently an Adjunct Faculty member of the Civil Engineering Department at the University of Manitoba.

**Lindsay Melvin, P.Eng. FEC**, holds a Bachelor of Science in Mechanical Engineering, a Master of Science in Mechanical and Industrial Engineering and a Master in Business Administration, all from the University of Manitoba. She has enjoyed various positions at Manitoba Hydro as a System Modelling Engineer, a Senior Market and Risk Studies Engineer, and a Senior Business Performance Engineer. Lindsay is currently the Distribution Portfolio Management and Controls Section Head at Manitoba Hydro. A Fellow of Engineers Canada, Lindsay is an active volunteer in the engineering community. She co-chaired the 13<sup>th</sup> National Conference of the Canadian Coalition of Women in Engineering, Science Trades and Technology (CCWESTT) held in Winnipeg in 2010, chaired Engineer Geoscientist Manitoba's Committee for Increasing the Participation of Women in Engineering and Engineers Canada's Women in Engineering Committee, and served as councillor for the Manitoba Hydro Professional Engineers' Association.

**Michelle Wadelius, P.Eng.**, holds a Bachelor of Science in Civil Engineering from the University of Manitoba. She is a Structural Engineer in the Bridges and Structures department at MMM Group Limited working in inspection, design, project management, and specializing in the inspection of precast concrete structures.

Michelle is involved in Engineers Geoscientist Manitoba's Committee

## TECHNICAL PROGRAM

for Increasing the Participation of Women in Engineering as an Outreach Coordinator and has assisted in the preparation of committee annual reports and Keystone Professional articles. She has performed the analysis of Engineers Geoscientists Manitoba member data in working to achieve Engineers Canada's 30 by 30 goal.