



## Dr. Catherine N. Mulligan

**Dr. Catherine N. Mulligan** obtained her B.Eng. and M. Eng. in chemical engineering and PhD in geoenvironmental engineering from McGill University. She worked for the Biotechnology Research Institute of the National Research Council of Canada and SNC Research Corp. Of SNC Lavalin before joining Concordia University in 1999. She held a Concordia Research Chair in Geoenvironmental Sustainability (Tier I) and is a full professor in the Dept. of Bldg., Civil and Environmental Engineering. She has authored more than 130 refereed papers in various journals, co-authored or edited 8 books, holds 3 patents and has supervised to completion more than 70 graduate students. She is the founder and director of the Concordia Institute of Water, Energy and Sustainable Systems. The Institute trains students in sustainable development practices and performs research in new systems, technologies and solutions for sustainability. Her research is on the treatment of contaminated soils, water, sediment, and mining residues with biosurfactants and other treatment techniques, in addition to energy production via anaerobic treatment and pressurereduced osmosis. She is a Fellow of the Canadian Society for Civil Engineering (CSCE) and its current Past President and currently the chair of the Sustainable Geotechnics Committee for the CGS. She is also a Fellow of the Engineering Institute of Canada (EIC), the Canadian Academy of Engineering (CAE), and Royal Society of Canada and was a winner of the John B. Sterling Medal of the EIC.