

**Name:** Catherine N. Mulligan, Ph.D., Eng.



**Department and Rank:**

1. Professor, Tenured, June 1, 2003, Department of Building, Civil and Environmental Engineering, Concordia University, date of appointment to Concordia University: April 1, 1999
2. Concordia Research Chair in Geoenvironmental Sustainability (Tier I, 2007-2021)
3. Director, Concordia Institute for Water, Energy and Sustainable Systems (2012 –  
Web site: <http://www.concordia.ca/encs/research/centres/water-energy.html>)

**Education**

- 1993 - 98 Ph.D., Geoenvironmental Engineering, McGill University, Montreal (Quebec)  
1983 - 85 M. Eng., Chemical Engineering, McGill University, Montréal (Quebec).  
1980 - 83 B. Eng., Chemical Engineering, McGill University, Montréal (Quebec).

**Expertise:** Research involves the decontamination of water, sediments and soil, as well as bioenergy production. She has taught courses related to site remediation, biological treatment of water and air, environmental engineering, fate and transport of contaminants in the environment and sustainable development. To date, Dr. Mulligan has supervised over 40 graduate students at all levels and provides research training in the environment and bioenergy. She has published five books and more than 80 refereed journal papers.

**Professional Registration:** Order of Engineers of Québec

**Professional and Scientific Society Memberships:**

- Canadian Society of Civil Engineering (member sustainable development committee, chair of the environmental division 2015-2017), Member of the CSCE Board (CGS representative, June 1, 2013-May 31, 2014), Fellow of the CSCE, 2015
- Canadian Geotechnical Society (VP communications, Jan. 1, 2013-Dec. 31, 2016)
- Member of Canadian Society of Chemical Engineering, American Institute of Chemical Engineering, Air and Waste Management Association, Association for the Environmental Health of Soils, American Chemical Society, American Society for Civil Engineering (Associate Member), ASTM (D18 and E5 committee member), International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE, TC 215 Environmental Geotechnics committee member) **Awards:** ASTM editorial award: For the ASTM contaminated sediment conference proceedings, Jan. 2014, Concordia Sustainability Champion Award, March 2013, A.G. Stermac Award: For outstanding service to the Canadian Geotechnical Society, 2010, Fellow CSCE, June 2015

**China:** participated in Quebec mission with Premier to China, (Shanghai and Beijing) Oct. 25-Nov.1, 2014, attended opening of CHES in Tianjin, Oct. 28, 2014