

Alexandre R. Cabral, P.Eng., Ph.D.
Professor

Dept. Civil Engineering and Building, Faculty of Engineering
Université de Sherbrooke
2500 boul. de l'Université Sherbrooke (Quebec) Canada J1K 2R1
W: (819) 821-7906; C: (819) 349-7906

Visiting Scholar
Dipartimento di Ingegneria dell'Energia, dei Sistemi, del
Territorio e delle Costruzioni



Alexandre R. Cabral, P.Eng, received his B.Eng. from PUC-Rio, Brazil, in 1981; his M.A.Sc from École Polytechnique de Montréal (Canada) in 1988; and his Ph.D. from McGill University (Canada) in 1992.

From 1980 to 1986 he began his career as a junior engineer for a Brazilian consulting company. After his graduate studies and a short stint in the private sector, he started his academic career at Université de Sherbrooke, Quebec in 1994, where he teaches Soil Mechanics, Environmental Geotechnics, and Environmental Management and Sustainability. He also gives a course entitled Writing and Publishing a Scientific Paper for doctoral students and postdoctoral fellows.

His main research interests are methane oxidation biosystems for the reduction of greenhouse gas emissions, unsaturated flow through porous media (more specifically cover systems with capillary barrier effect, and lysimetry), and classical geotechnical issues, such as soil compaction and the beneficial use of industrial residues as a substitute for natural soils. He is currently leading research projects in all these areas.

Professor Cabral has co-authored papers with researchers and industrial partners from Canada, Europe, United States, Australia, and Brazil. His papers have been published in geotechnical, environmental engineering and scientific journals. He has served as Associate Editor to major publications, such as the Canadian Geotechnical Journal (NRC Publishing) and Waste Management (Elsevier) and acted as a reviewer for dozens of journals in the geotechnical and environmental areas.

Professor Cabral was associate vice-president of the Canadian Geotechnical Society in the early 2000s and is presently a member of the Scientific Advisory Panel of the International Waste Working Group (IWWG). He has worked as a consultant for several companies in Canada, Europe and South America, including as an in-house consultant for three consultancy firms in Canada. From 2002 to 2015, he supervised a humanitarian group that has undertaken projects in Peru, Haiti, Burkina Faso, and Malawi.