

BRENT EDWIN SLEEP



Current Positions

July 2013 –	Department Chair, Civil Engineering, University of Toronto
October 2012 –	Acting Director, Lassonde Institute of Mining, University of Toronto
July 1, 2000 –	Professor, Civil Engineering, University of Toronto
January 2011 -	Editor-in-Chief, Journal of Contaminant Hydrology
January 2001 -	Associate Editor, Advances in Water Resources

Education

Ph.D.	Civil Engineering, University of Waterloo, 1991
M.A.Sc	Chemical Engineering, University of Waterloo, 1987
B.A.Sc.	Chemical Engineering, University of Waterloo, 1982

Water Resources Expertise

- Groundwater remediation technologies including bioremediation, thermal remediation, in situ chemical oxidation, and chemical reduction
- Biocolloid fate and transport in porous and fractured media
- Modelling biogeochemical processes in the subsurface including multiphase flow and transport, biodegradation, energy transport

Websites

<http://www.civil.engineering.utoronto.ca/staff/professors/sleep.htm>

<http://renew.utoronto.ca>

<http://integrate.utoronto.ca>

Experience in China

I have visited China three times (2007, 2009, and 2014), graciously hosted by my colleagues at Nanjing University and Hohai University. I have ongoing collaborations with Professor Shujun Ye at Nanjing University and Professor Zhifang Zhou at Hohai University. I have hosted a number of visiting PhD students from Hohai University in my research group at the University of Toronto in recent years. I look forward to further collaborations arising from the CWTX initiative.