



Dr. Brent C. Wootton

Director of Applied Research, Fleming College

Director and Senior Scientist, Centre for Alternative Wastewater Treatment (Fleming College)

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Areas of Expertise

alternative wastewater technology, constructed wetlands, anaerobic bioreactors, source water protection, environmentally sound technology, aquatic nutrient recycling, trace elements removal technologies, emerging contaminants

Education

Ph.D. Trent University, Watershed Ecosystems – 2006

M.E.S. University of Waterloo, Environment and Resource Studies – 1999

B.I.S. University of Waterloo, Independent Studies – 1997

Academic and Work Experience

Director of Applied Research, Fleming College – Fleming College – Jan. 2012- present

Director and Senior Scientist, Fleming College – Centre for Alternative Wastewater Treatment – Jul. 2009 to present

Interim CEO – WaterTAP March 2015- May 2015

VP Policy and Exports – WaterTAP January 2015 to July 2015

Senior Scientist, Fleming College – Centre for Alternative Wastewater Treatment – Jul. 2007 to Jul. 2009

Project Manager, Fleming College – Centre for Alternative Wastewater Treatment – May 2006 to Jul. 2007

Adjunct Professor, University of Waterloo – School of Planning, Faculty Environment – Dec. 2009 to 2012

Adjunct Professor, University of Waterloo – Dept. of Civil and Environmental Engineering – Dec. 2009 to 2012

Assistant Professor, Trent University – Environmental Resource Sciences – Sept. 2004 to May 2007

Professor (part time), Fleming College – School of Environmental Resource Sciences – May 2004 to May 2006

Professor (sessional), Fleming College – School of Environmental Resource Sciences – Sept. 2003 to May 2004

Other Experience

- Chair, WaterTAP – 2013 to 2015
- Delegate on Governor General's State visit to India – 2014
- Member ISO Technical Committee 275 Sludge/Biosolids – 2013
- Visiting Professor, Tianjin University, Tianjin, China – 2013
- Participant on UN Wastewater Task Force, co-writer of draft SDG for Wastewater, Nairobi, Kenya – 2013
- Participant in Ambassador's Water Forum, New Delhi, India – 2013
- Participant in Foreign Expert Program, China, Advised Ministry of Water Resources – 2012
- Delegate on Canada-Israel Water Working Group Mission. Tel Aviv, Israel – 2011
- Invited speaker, IWA World Water Congress in Montreal – 2010
- Invited speaker, China Agricultural University, Beijing – 2010
- Participated in two week trade/R&D delegation to China (sponsored by DFAIT) – 2010
- Invited participant at UN Wastewater Taskforce meetings at WHO headquarters, Geneva – 2010
- Water needs assessment, UNU, Kenya – 2010
- Advisor to Ontario Minister of the Environment, John Gerrestsen on Water Opportunities Act – 2010
- Participant in Consultative Meeting on Environmentally Sound Technologies (EST)s for Wastewater Management Partnership, UNEP-DTIE, Shiga, Japan – 2010