



Dr. David Z. Zhu, Professor

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## Education

Ph. D.	Civil Engineering, University of British Columbia, Canada	1996
M. Eng.	Civil Engineering, University of British Columbia, Canada	1991
M. Sc.	Naval Architecture and Ocean Engineering, Shanghai JiaoTong University, China	1989
B. Sc.	Naval Architecture and Ocean Engineering, Shanghai JiaoTong University, China	1986

**Research Interest:** Environmental hydraulics; Urban hydraulics; Sand/water, air/water two-phase flows; Mixing and transport of stratified flows; Water quality modeling of rivers, estuaries, lakes and reservoirs; Impact of hydropower operations on eco-systems; Fishway designs

## Awards and Honors

- Canadian Society for Civil Engineering **Donald R. Stanley Award** 2015
- **University of Alberta Killam Annual Professorship** 2014  
(for outstanding contributions to scholarship and to the University community)
- **NSERC Discovery Accelerator Supplements (DAS) Award** 2011
- **China National Invited Professorship** – China National Thousand Talents Program 2010
- Canadian Society for Civil Engineering **Thomas C. Keefer Medal** for the best paper in areas such as hydrotechnical, environmental and geotechnical engineering 2010
- Zhejiang University **YC Tang (Visiting) Chair Professorship** 2009 - 2012