

Nawrin Anwar

◆ *nawrin.anwar@northsouth.edu* ◆

EDUCATION

Master of Engineering Science in Civil & Environmental Engineering (August, 2012)

Major in ENVIRONMENTAL ENGINEERING, (93% Marks)

University of Western Ontario, London, Ontario, Canada.

Masters Courses: Drinking Water Quality and Treatment, Environmental Chemistry, Groundwater Flow and Contaminant Transport, Physical Principal of Environmental Engineering.

THESIS TITLE: Influence of oceanic forcing on fate of nutrients in a near-shore aquifer.

Thesis Supervisor: Dr. Clare Robinson

Bachelor of Science in Civil Engineering with Honours (October, 2009) CGPA 3.9/4.0

Major in Environmental and Structural Engineering,

Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh.

THESIS TITLE: Modification of crop yield model in Dhaka district considering few climatic parameters (Used EPIC, Environmental Policy Integrated Climate)

Thesis Supervisor: Dr. Md. Mafizur Rahman

Higher Secondary Certificate Exam (HSC)(2004)

Major in Science,

Viqarunnisa Noon College, Dhaka, Bangladesh.

Secondary School Certificate Exam (SSC)(2002)

Major in Science,

Viqarunnisa Noon School, Dhaka, Bangladesh.

ACADEMIC DISTINCTION

Western Engineering Scholarship, University of Western Ontario, London, ON, May 2010-August 2012.

Sweden and Bangladesh Trust Scholarship, Ministry of Finance, Dhaka, Bangladesh, 2011.

Research and Teaching Assistantship, University of Western Ontario, London, ON, May 2010-August 2012.

Dean's Award, Department of Civil Engineering, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh, 2005–2009.

Academic Merit Scholarship, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh, 2005–2009.

Dhaka Education Board Scholarship, for excellent result in the H.S.C. Examination, 2005–2009.

WORK EXPERIENCE

September, 2013 – Present

Lecturer, Department of Civil & Environmental Engineering, North South University, Dhaka, Bangladesh.

November, 2012 – September, 2013

Lecturer, Department of Civil Engineering, University of Asia Pacific, Dhaka, Bangladesh.

May, 2010 – August, 2012

Graduate Research Assistant, Department of Civil & Environmental Engineering, University of Western Ontario, London, Ontario, Canada.

May, 2010 – August, 2012

Graduate Teaching Assistant, Department of Civil & Environmental Engineering, University of Western Ontario, London, Ontario, Canada.
(Fall, 2010; Winter, 2011; Fall 2011; and Winter 2012)

October, 2009 – April, 2010

Lecturer, Department of Civil Engineering, University of Asia Pacific, Dhaka, Bangladesh.

COMPUTER SKILLS

Modeling Software related to Civil Engineering: *Structural Engineering:* ETABS 8.0, AutoCAD, *Environmental Engineering:* MODFLOW, SEAWAT, PHREEQC, MT3DMS, PHT3D, COMSOL, EPIC.

Programming Languages: Visual C++, MATLAB.

Other Software: MS Office.

JOURNAL PUBLICATION

- N. Anwar, C. Robinson, D. A. Barry, “Influence of tides and waves on the fate of nutrients in a nearshore aquifer: Numerical simulations.” *Advances in Water Resources*, Volume 73, November 2014, Pages 203-213.

CONFERENCE PROCEEDINGS

- Choudhury, M.R.; Anwar, N.; and Mahmood, S.T. (2014). "Review of Processes and Wastewater Quality Produced in Different Ready-Made Garments Industries of Bangladesh and Its Impact on The Potential Use of Zero Liquid Discharge Effluent Treatment Plant Systems" World Environmental & Water Resources Congress, ASCE-EWRI, Portland, Oregon, 2014, June 1-5, 2014.
- Anwar, N.; and Robinson, C. (2012). "Fate of groundwater-derived nutrients in tidally influenced coastal aquifers: numerical simulations." Proceedings of the 22nd V.M. Goldschmidt conference, Montreal, 2012, June 24-26, 2012.
- Anwar, N.; and Robinson, C. (2011). "Influence of tides on the transport and fate of groundwater-derived nutrients to coastal waters", Proceedings of the AGU Fall Meeting 2011, San Francisco, California, December 5-9, 2011.
- Anwar, N.; and Robinson, C. (2011). "Nutrient transport and transformation in a tidally influenced subterranean estuary", Proceedings of the 21st Biennial Conference of the Coastal and Estuarine Research Federation, Daytona Beach, Florida, November 6-10, 2011.
- Anwar, N.; Lee, J.; Weber, S.; and Robinson, C. (2011). "Nutrient and heavy metal concentration in the groundwater at beaches of the Great Lakes", Proceedings of the 11th Great Lake Beach Association Conference, Michigan City, Indiana, September 26-28, 2011.

LEADERSHIP ACTIVITES

- Member, Bursary Committee, Society of Graduate Studies, University of Western Ontario (2011-2012).
- Member, Organizing Committee, Civil Engineering Students Association (CESA), BUET.