

FAYZUL KABIR

Assistant Professor and Head,
Department of Civil Engineering
Bangladesh Army International University of Science and Technology, Bangladesh.
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EDUCATION

- M.Sc. Master of Science in Civil and Environmental Engineering (2017)**
King Fahd University of Petroleum & Minerals, Saudi Arabia.
Result: CGPA 3.72 Out of 4.00
Thesis: Implications of Plumbing System on Heavy Metal Concentrations in Tap Water
- B.Sc. Bachelor of Science in Civil and Environmental Engineering (2012)**
Shahjalal University of Science & Technology, Bangladesh.
Result: CGPA 3.79 Out of 4.00 (2nd position out of 40 students)
Thesis: Estimation of Suspended Sediment Concentration of Different Water Bodies Using Low Cost Portable Digital Camera

RESEARCH INTERESTS

Water Quality, Water Treatment, Contaminant Transport, Hydrological Processes, Effects of Climate Change and Mitigation Strategy, Climate Change Impacts on Water Resources

ACADEMIC AND RESEARCH APPOINTMENTS

June 2018- To Date	Assistant Professor	Dept. of Civil Engineering, Bangladesh Army International University of Science and Technology, Bangladesh.
June 2018- To Date	Project Director	Bangladesh Army International University of Science and Technology, Cumilla Cantonment, Bangladesh.
Jan 2015-June 2018	Senior Lecturer	Dept. of Civil Engineering, Leading University, Bangladesh
2015-2017	Research Assistant (Full Time)	Water Research Group, Dept. of CEE, King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia
Mar 2016-Dec 2017	Research Assistant (Part Time)	Center for Environment & Water, Research Institute (RI), King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia
Jan 2013-Jan 2015	Lecturer	Dept. of Civil Engineering, Leading University, Bangladesh
Dec 2012-Jan 2013	Lecturer	Dept. of Civil Engineering, International University of Business Agriculture and Technology, Bangladesh

MAJOR ACADEMIC AND RESEARCH AWARDS

2015-2017	Full Time MS Scholarship, KFUPM, Saudi Arabia
2008-2011	Education Board Scholarship, Sylhet, Bangladesh
2008-2011	Semester Merit Scholarship, Shahjalal University of Science & Technology, Bangladesh
2007	District Council Scholarship, Moulvibazar, Bangladesh

PUBLICATIONS

Peer Reviewed Journal Papers

1. **Kabir, F.**, Chowdhury, S., Mazumder, A.Z., Al-Hooshani, K., and Zahir, H. (2018). Effects of Plumbing Premise on the Occurrences and Variability of Heavy Metal in Desalinated and Blended Tap Water. *Desalination and Water Treatment (ELSEVIER)*
2. Chowdhury, S., **Kabir, F.**, Mazumder, A.Z., and Zahir, H. (2018). Modeling Lead Concentrations in Drinking Water of Residential Plumbing Pipes and Hot Water Tanks. *Science of the Total Environment (ELSEVIER)*
3. Chowdhury, S., **Kabir, F.**, Chowdhury, I., and Papadopoulou, M. (2018). Virtual Water Flow of Importing and Exporting Agricultural Crop Products: An Example of Saudi Arabia. *Applied Water Science (SPRINGER)*. (Under Review)
4. **Kabir, F.**, and Chowdhury, S. (2017). Arsenic Removal Methods for Drinking Water in the Developing Countries: Technological Developments and Research Needs. *Environmental Science and Pollution Research*, 24, 24102–24120 (*SPRINGER*).
5. Ahmed, A.M., **Kabir, F.**, and Ali, S.M. (2013). Analysis of Different Types of Aerators for Conventional Iron Removal Plant. *Journal of Applied Technology in Environmental Sanitation*, 3(4), 159-164.
6. **Kabir, F.**, Chakrabarty, S., and Ali, S.M., (2014). Use of Recycled Coarse Aggregate as an Alternative of Natural Coarse Aggregate for Structural Construction. *International Journal of Advances in Engineering Sciences*, 4 (4) 35-38

Refereed Conference Proceedings

1. Hasan, G.M.J., **Kabir, F.**, and Hossain, S.Z. (2012). Estimation of suspended sediment concentration of different water bodies using low cost portable cameras, *Proceedings of the Second International Conference on Environmental Technology and Construction Engineering for Sustainable Development (ICETCESD 2012)*, Sylhet, Bangladesh, 10-12 March, 2012.

Manuscript Under Progress

1. **Kabir, F.**, Basaleh, A., and Vohra, S. Application of Membrane Bio Reactor in Wastewater Reclamation and Reuse: A Review
2. **Kabir, F.**, Basaleh, A., and Vohra, S. Removal of Bromate from Drinking Water Using Date Pits Activated Carbon
3. **Kabir, F.**, and Chowdhury, S. Modelling of Occurrences and Variability of Hazardous Metals in Drinking Water.
4. Chowdhury, S., **Kabir, F.**, and Chowdhury, I. Potentiality of Impregnated Alginate Beads on Arsenic Adsorption: A Review

LANGUAGE SKILL

1. IELTS: 6.5
2. GRE: 300 (V: 145, Q: 155, AW: 3)

REFEREE

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