

CURRICULUM VITAE

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Education:

Ph.D. in Environmental Engineering, University of Waterloo, Canada, 2015
M.Sc in Environmental Engineering, University of Western Ontario, Canada, 2009
B.Sc in Civil Engineering, Bangladesh University of Engineering and Technology, 2005

Teaching Experience:

Sept, 2016 – Present: Assistant Professor, Department of Environmental Science, School of Environmental Science and Management, Independent University Bangladesh.
Jan, 2011 – Jun, 2015: Teaching Assistant and Graduate Marker, University of Waterloo
Jan, 2006 – Jun, 2008: Teaching Assistant, Department of Civil and Environmental Engineering, University of Western Ontario, Dhaka

Previous Work Experience:

Feb, 2016 – Current: Research Coordinator, International Centre for Climate Change and Development, Independent University, Bangladesh
Aug, 2015 – Jan, 2016: Research Officer, International Centre for Climate Change and Development, Independent University, Bangladesh
Aug, 2005 – Aug, 2006: Junior Research Fellow, Accident Research Centre, BUET, Dhaka

Publications:

Peer Reviewed Article

Mostafa, M., **Rahman, M.F.**, Huq, S. 2016. Future of Adaptation Funding: The Need for Political Economy Considerations. Bulletin of Atomic Scientists. Manuscript accepted for publication.

Taub, J., Nasir, N., **Rahman, M.F.**, Huq, S. 2016. From Paris to Marrakech: The Global Politics Around Loss and Damage. Manuscript Submitted to the Journal India Quarterly.

Rahman, M.F., Peldszus, S., Anderson, W.B. 2014. Behaviour and fate of perfluoroalkyl and polyfluoroalkyl substances in drinking water treatment: a review. Water Research, 50, 318-340.

Uslu, M.O., **Rahman, M.F.**, Jasim, S.Y., Yanful, E.K., Biswas, N. 2012. Evaluation of the reactivity of organic pollutants during O₃/H₂O₂ process. Water, Air & Soil Pollution, 223(6), 3173-3180.

Rahman, M.F., Yanful, E.K., Jasim, S.Y., Nadiougue, S., Borikar, D. 2010. Advanced oxidation treatment of drinking water: Part II. Turbidity, particles and organics removal from Lake Huron water. Ozone Science and Engineering, 32(5), 295-304.

Rahman, M.F., Yanful, E.K., Jasim, S.Y., Bragg, I., Borikar, D., Servos, M.R. 2010. Advanced oxidation treatment of drinking water: Part I. Occurrence and removal of pharmaceuticals and endocrine-disrupting compounds from Lake Huron water. Ozone: Science and Engineering, 32(4), 217-229.

Rahman, M.F., Yanful, E.K., Jasim, S.Y. 2009. Occurrences of endocrine disrupting compounds and pharmaceuticals in the aquatic environment and their removal from drinking water: Challenges in the context of the developing world. Desalination, 248, 578-585.

Rahman, M.F., Yanful, E.K., Jasim, S.Y. 2009. Endocrine disrupting compounds (EDCs) and pharmaceuticals and personal care products (PPCPs) in the aquatic environment: implications for the drinking water industry and global environmental health. Journal of Water and Health, 7(2), 224-241.

Conference Proceedings

M.F. Rahman, S. Peldszus, W.B. Anderson and P.M. Huck, 2014. Removal of selected perfluorinated compounds (PFCs) from drinking water using GAC and ion exchange resins. OWWA/OMWA Joint Annual Conference & OWWEA Trade Show, Ottawa, ON.

M.F. Rahman, S. Peldszus, W.B. Anderson, and P.M. Huck, 2014. Drinking water removal technologies for perfluoroalkyl substances. The Water Institute's Research Symposium 2014, Waterloo, ON (poster).

M.F. Rahman, S. Peldszus, W.B. Anderson and P.M. Huck, 2013. PFCs in water: treatment and analysis. Workshop on Control of Emerging Contaminants, Waterloo, ON.

M.F. Rahman, S. Peldszus, W.B. Anderson and P.M. Huck, 2013. Drinking water removal technologies for perfluoroalkyl substances. OWWA/OMWA Joint Annual Conference & OWWEA Trade Show, Ottawa, ON (poster).

M.F. Rahman, E.K. Yanful, S.Y. Jasim, S. Ndiougue, D. Borikar and L. Bragg, 2008. Removal of EDCs and PPCPs from drinking water using advanced oxidation process: experience of a pilot scale study. 13th Canadian National Conference and 4th Policy Forum on Drinking Water, Quebec City, QC, (poster).

Presentations/Guest Lectures/Workshops

Rahman, M.F., Nasir, N., Haque, S., Mostofa, M., Huq, S. (2017). Political Economy of Renewable Energy in Bangladesh. Presentation made at the workshop on Integrated Decision Making to Support the Agenda 2030 (SDGs) organised by UNDP, Bangkok Regional Hub, held from 12-13 June, 2017 in Bangkok, Thailand.

Rahman, M.F., Nasir, N. (2017). Experience of applying the ATC framework in the context of adaptation policies in Bangladesh. Presentation made at the workshop titled *Tracking Climate Change Adaptation: Methodological Challenges in the Age of Big Data* organized National University of Singapore from 11-13 May, 2017 in Singapore.

Rahman, M.F., Nasir, N., Haque, S., Mostofa, M., Huq, S. (2017). Achieving SDGs and Climate Goals in Bangladesh- the Role of Renewable Energy. Presentation made at an internal workshop at the Palli Karma Sohayak Foundation (PKSF) on 23 April, 2017 in Dhaka, Bangladesh.

Rahman, M.F. (2017). Adapting to the Changing Climate- A Case Study on South-western Coastal Bangladesh. Guest Lecture presented on April 18, 2017 for the Graduate Course Climate Policy at Clark University, Boston, USA.

Workshops

Attended the View from the Frontline Workshop on Disaster Management organized by Caritas and Global Network on Disaster Resilience held in Geneva, Switzerland from 27-28 July, 2017.

Attended a higher education and modern didactic techniques workshop organized by Vietnam Academy of Water Resources held from 18-20 June, 2016 in Hanoi, Vietnam.

Attended the CapWater workshop on Natural Resources Management organized by TH Koln (University of Applied Sciences) held in May, 2016 in Koln, Germany.

Attended the climate change adaptation and urban resilience training of the trainers workshop organized by USAID, Bangkok and the Asian Institute of Technology held in April, 2016 in Bangkok, Thailand

Professional Trainings/Courses:

Certificate in University Teaching Program, Centre for Teaching Excellence, University of Waterloo, 2011-2014

Fundamentals of University Teaching Program, Centre for Teaching Excellence, University of Waterloo, 2010-2011

Student Facilitator Training Program, Organizational & Human Development, Department, University of Waterloo, 2011

Teaching assistant training program, Centre of Teaching Excellence, University of Waterloo, 2009

Teaching assistant training program, Teaching Support Centre, University of Western Ontario, 2006