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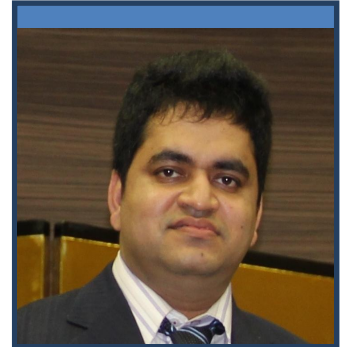
Asiful Hoque PhD

Professor,

Dept. of Civil Engineering

Chittagong University of Engineering & Technology

Chittagong - 4349, Bangladesh.



Date of Birth: 7th December 1978.

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House # 368, Road # 14, Block-B,

Chandgaon R/A, Chittagong-4212, Bangladesh.

EDUCATION

Hokkaido University:

(March 2012)

Hokkaido, Japan: Doctor of Engg. In Environmental Engineering

Hokkaido University:

(March 2011)

Hokkaido, Japan: Diploma In Sustainability Science

Bangladesh University of Engineering and Technology (BUET):

(October 2006)

Dhaka, Bangladesh: M.Sc. In Environmental Engineering

Bangladesh University of Engineering and Technology (BUET):

(February 2003)

Dhaka, Bangladesh: B.Sc. In Civil Engineering

Chittagong College:

(1996)

Chittagong, Bangladesh: Higher Secondary School Certificate

Chittagong Govt. High School :

(1994)

Chittagong, Bangladesh: Secondary School Certificate

PROFESSIONAL COURSES AND RESEARCH

Professional Courses:

Online Course on “Fecal Sludge Management”

16 weeks online course successfully completed on 24 August 2016

Developed by UNESCO-IHE and Global FSM e-Learning

Offered by ITN-BUET, Bangladesh

Short Course on “WASH in urban low-income communities”

November 15 – November 19, 2015. ITN-BUET

Organized and supported by WEDC, ITN-BUET, WSUP, and UKaid

Diploma of Inter-department Graduate Study in Sustainability

Hokkaido University

September 2010

Certificate Course on Integrated Research System for Sustainability Science

University of Tokyo, Kyoto University, Osaka University, Hokkaido University and Ibaraki University

March 2010

Course on Intensive Japanese Language

Hokkaido University, October 2008- March 2009

Funded by Japanese Govt.

Workshops and Kick-off meeting for ‘Creating Regional Centres of Excellence in Disaster and Environmental Engineering Education in Sylhet and Chittagong of Bangladesh (ReCEDEE)’

April 07-May 03, 2008, University of Kassel, Germany.

University of Kassel, Germany

DAAD- German Academic Exchange Service.

International Training Workshop on Hazardous Chemical Management

December 09-14, 2007, Asian Institute of Technology, Thailand.

Pollution Control Department, Thailand

Training workshop on Integrated Water Resources Management (IWRM) with specific focus on Scientific Methodology and Development of Grant Application

September 02-03, 2007, Saint Martin Hotel, Chittagong.

Specialized Course on Computerized Evaluation Techniques of Training Courses

May 10, 2007, ITN-BUET, Dhaka, Bangladesh.

International Course on Transport Planning and Safety

December 04-10, 2006, IIT Delhi, India.

Bio-Sand Filter Program Implementer Workshop

Feb12-Feb16, 2006, CUET, Chittagong, Bangladesh.

International Training and Research Program for Groundwater Treatment Technologies and Advanced Membrane Process

August19-September1, 2005 Taipei, Taiwan.

Basic Training Courses on water and Sanitation

3rd-12 October, 2004. DPHE Training Division, DPHE Bhavan, Dhaka-1000, Bangladesh

Sponsored and supported by World Health Organization

RESEARCH AND ANALYTICAL EXPERIENCE

Department of Urban and Regional Planning
Chittagong University of engineering and
Technology, Chittagong, Bangladesh :

Head of the Department/Chairman
(October 2016-present)

Center for Environmental Science and
Engineering Research (CESER)
Chittagong University of engineering and
Technology, Chittagong, Bangladesh :

Chairman
(September 2014-October 2016)

Department of Civil Engineering,
Chittagong University of (July 2014-present)
Engineering and Technology, Chittagong,
Bangladesh :

Professor
(February 2016- Present)

*Department of Civil Engineering,
Chittagong University of (July 2014-present)
Engineering and Technology, Chittagong,
Bangladesh :*

*Associate Professor
(July 2014- February 2016)*

*Department of Civil Engineering,
Chittagong University of (April 2007-July 2014)
Engineering and Technology, Chittagong,
Bangladesh :*

*Assistant Professor
(April 2007- July 2014)*

*Department of Civil Engineering,
Chittagong University of engineering and
Technology, Chittagong, Bangladesh :*

*Lecturer
(July 2005- April 2017)*

*Department of Public Health Engineering.
Bangladesh : (March 2004-June 2005)*

*Assistant Engineer in an Environmental Project of
UNICEF.
(July 2003- June 2015)*

Journal Publications

M. Arif Hossen, Sudip Kumar Pal, **Asiful Hoque**, 2018 "Assessment of air quality for selected locations in Chittagong City Area", Journal of Innovative Research in Engineering & Management, accepted for publication

M. Arif Hossen , **Asiful Hoque**, 2018 "Variation of ambient air quality scenario in Chittagong city: a case study of air pollution", Journal of Civil, Construction and Environmental Engineering, Science Publishing Group Volume 3 Issue 1 Page 10–16

Katsuki Kimura, Shin-Ichiro Nishimura , Risho Miyoshi , **Asiful Hoque**, Taro Miyoshi , Yoshimasa Watanabe, 2015 "Application of glyco-blotting for identification of structures of polysaccharides causing membrane fouling in a pilot-scale membrane bioreactor treating municipal wastewater", Bioresource Technology Volume 179 Page 180–186

Muhammad Ashraf Ali, **Asiful Hoque**, A. B. M. Badruzzaman, Farooque Ahmed, Md. Ehosan Habib, Richard B. Johnston, 2015 "Assessment of Performance of Community Iron Removal Plants in Selected Rural Areas of Bangladesh", Journal of Civil Engineering, Volume 43(2), Page 157-167

H. Hara-Yamamura, Koji Nakashima , **Asiful Hoque**, Taro Miyoshi, Katsuki Kimura, Yoshimasa Watanabe, Satoshi Okabe, 2013,"Evaluation of Whole Wastewater Effluent Impacts on HepG2 using DNA Microarray-based Transcriptome Analysis.", Environmental Science & Technology. Volume 47,Page 5425-5432

Asiful Hoque, Taro Miyoshi, Katsuki Kimura, Yoshimasa Watanabe, 2012,"Characteristics of foulants in air-sparged side-stream tubular membranes used in a municipal wastewater membrane bioreactor", Separation and purification technology. Volume 93, Page 83-91

Asiful Hoque, Katsuki Kimura, Taro Miyoshi, Nobuhiro Yamato, Yoshimasa Watanabe, 2012 "Performance of Membrane Bio-Reactor Equipped with Air-Sparged Side-Stream Tubular Membrane: Treatment Efficiency and Membrane Fouling", Separation Science and Technology. Volume 47, Issue 10, Page 1455-1463

Asiful Hoque, A. H. Abir, K. Paul, 2018,"Performance evaluation of low-cost solar still for saline water desalination in Bangladesh", Submitted in the journal Water Science and Technology: Water Supply

Asiful Hoque,"Characteristics of foulants of air-sparged side-stream and sub-merged membrane used to treat municipal wastewater", Submitted in the journal Institute of Engineers, Bangladesh

Conference Publications

A. H. Abir, K. Paul, **Asiful Hoque** "Performance evaluation of low-cost solar desalination unit for drinking purpose in the context of Bangladesh", **accepted** for 1st International Conference on Frontiers in Energy & Infrastructure, December18-19, 2018, North-South University, Bangladesh

M. A. Hossen, **Asiful Hoque** "Assessment of roof top rainwater harvesting system in saline prone area; a case study of Muslimabad housing society, Chittagong", 4th International Conference on Civil Engineering for Sustainable Development, February 9-11, 2018, KUET, Khulna, Bangladesh

Asiful Hoque, M. F. Islam, M. I. U. Ahmed "Seasonal variation of salinity of ground water at Patenga area, Chittagong", International Conference on Challenges for Future Agriculture, January 27-28, 2018, Bangladesh Agriculture University, Bangladesh

M. A. Hossen, S. K. Pal ,**Asiful Hoque** "Vehicular emission inventories in metropolitan Chittagong", 3rd International Conference on Advances in Civil Engineering, December 21-23, 2016, CUET, Bangladesh

M. A. Hossen, S. K. Pal ,**Asiful Hoque** "Vehicular emission inventories in metropolitan Chittagong", 3rd International Conference on Advances in Civil Engineering, December 21-23, 2016, CUET, Bangladesh

M. A. Hossen, S. M. K. Hassan, **Asiful Hoque** "Air pollution in Chittagong city", 3rd International Conference on Advances in Civil Engineering, December 21-23, 2016, CUET, Bangladesh

B M Hanafi, **Asiful Hoque**, M. Ahmed, "Integrated Water Management System", International Conference on Mechanical Engineering and Renewable Energy, November 26-29, 2015 CUET, Bangladesh

Asiful Hoque, Katsuki Kimura, "Fouling of Air-sparged Side-stream Tubular Membrane in Different Hydraulic Condition", The 9th International Forum on Strategic Technology 2014, October 21-23, 2014, Bangladesh

Asiful Hoque , "Side-stream MBR for wastewater Treatment", The Young Researchers and Students Symposium of NSFC-JST Joint Research Program., March 4, 2011, Xi'an, China.

Asiful Hoque, Taro Miyoshi, Katsuki Kimura, Yoshimasa Watanabe., "Effect of Hydraulic Condition on Membrane Fouling in Air sparged Side-Stream Membrane Bioreactor.", Paper on The International Conference Membranes in Drinking and Industrial water treatment., June 27 – 30, 2010, Norway.

Asiful Hoque, "Hazardous Waste Management in Bangladesh", The International Training Workshop on Hazardous Chemical Management, Asian Institute of Technology, December 9 – 14, 2007. Thailand.

S.K Pal, **Asiful Hoque**, I. Tarannum., "An Approach to Assess Environmental Flow for Karnaphuli River in Bangladesh.", The 3rd International Conference on Water and Flood Management, BUET., 2009, Bangladesh.

Asiful Hoque, "Community Based AIRPs/IRPs in Bangladesh", The International Conference on Water & Waste Water Treatment, Shahjalal University of Science & Technology, Bangladesh., April 1 – 4, 2007. Bangladesh.

Asiful Hoque , Reaz Akter Mullick, "Two Hazardous Road locations in Chittagong and Their Possible Remedial Measure", International Conference on Road Safety of Developing Country, Accident Research Center, BUET, Bangladesh., August 22-24, 2006. Bangladesh.

Asiful Hoque, Tanvir Ahmed, M. Ashraf Ali, "Estimation of Non-vehicular Air Pollution in Dhaka City Using Emission Factors", The Third Annual Paper Meet and International Conference on Civil Engineering-2005,

Institution of Engineers, Dhaka, Bangladesh. March 9 – 11, 2005. Bangladesh.

Ongoing Research Project

Assessment of Environmental Pollution in Ship breaking Yard; a case study of Sitakunda, Chittagong, Bangladesh funded by University Grant Commission, Bangladesh

Assessment of Air Pollution in Chittagong City, Bangladesh funded by University Grant Commission, Bangladesh

Assessment of Rainwater for the use of portable purpose funded by Wateraid Bangladesh

Awards

Achieved number of prestigious awards for excellent academic performances which are listed below;

Received Japanese government (MEXT) scholarships for Intensive Japanese Language Course in Hokkaido University (Oct.,2008-March,2009)

Received Japanese government (MEXT) scholarships for Doctoral study in Hokkaido University (Oct.,2008-March,2012)

Merit Scholarship from Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh-six times (1998-2002)

Merit Scholarship of Board of Education, Chittagong, Bangladesh based on result in the Higher Secondary Certificate (H.S.C.) Examination held after two years of college education

Merit Scholarship of Board of Education, Comilla, Bangladesh based on result in the Secondary School Certificate (S.S.C.) Examination held after primary education

Junior School Scholarship

Professional and Consultancy Services

Working as a consultant in different project, some of which are listed below;

Environmental and Social Impact Assessment for building sluice gate at Mahesh Khal in Chittagong, Bangladesh

Environmental and Social Impact Assessment Imperial Hospital in Chittagong, Bangladesh

Environmental and Social Impact Assessment of South Zone Power Distribution Company, Power Cell, Power Development Board, Bangladesh.

Design deep tube well at least one hundred locations

Assessment of Mn Removal in municipal and community based iron/arsenic removal plants, funded by Unicef

Design and vetting of several water and waste water treatment plant

Preparing tendering documents for different several projects

Professional Membership

American Society of Civil Engineers: Student Member (2011-2012)

Earthquake Society of Bangladesh: Member (2004-present)

Institutes of Engineers, Bangladesh: Member (2004-present)

Language/ Computer Skills

Proficient in written and spoken English and Japanese

Extensive experience with Microsoft Office, software related to civil engineering

References

Professor Dr. N. Funamizu

Laboratory of Engineering, for Sustainable Sanitation,
Hokkaido University, Sapporo, Japan
Email:funamizu@eng.hokudai.ac.jp

Professor Dr. M. Ashraf Ali

Department of Civil Engineering
BUET, Dhaka-1000.
Email:ashraf@ce.buet.ac.bd

Dr. Katsuki Kimura

Associate Professor
Laboratory of Engineering, for Sustainable Sanitation,
Hokkaido University, Sapporo, Japan
Email: kkatsu@eng.hokudai.ac.jp

