

## MAHBUB-UL ALAM

Associate Scientist

📍 Environmental Interventions Unit, icddr,b, Dhaka, Bangladesh

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🌐 mahbub-ul-alam

### OVERVIEW

I am an adherent public health researcher with focused expertise on water, sanitation, hygiene, waste management, anti-microbial resistance, and environmental pollution. I have led 20 studies since 2012 and received over 3M USD as research grant (1.5 M USD as Principal Investigator). I have successfully influenced government policy to improve menstrual hygiene and health in school based on the findings from Bangladesh National Hygiene Survey 2014.

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### EDUCATION

2022- present Phd Candidate, School of Civil Engineering, University of Leeds, UK  
2012 - 2013 James P Grant School of Public Health, Brac University, Bangladesh  
Master of Public Health, Grade: 3.72 (High Distinction)  
2003 - 2004 Jahangirnagar University, Bangladesh  
MSS in Anthropology, First Class  
1999 - 2003 Jahangirnagar University, Bangladesh  
BSS in Anthropology, Second Class

### RECORD OF EMPLOYMENT

2021 – present **Associate Scientist**, Infectious Disease Division, icddr,b  
Key responsibilities: Mentor and coach junior researchers to develop concept notes and grant proposals, funding acquisition, protocol writing, seek ethical approval, project management and implementation, data analysis, report and manuscript writing, and dissemination.

2022 – present **PhD Candidate**, School of Civil Engineering, University of Leeds, UK

2022 – present **Tsuha Global Fellow**, School of Population and Global Health, University of Western Australia, Perth, Australia

2021 – present **Editorial Board Member**, PLOS Global Public Health

2018 – 2020 **Assistant Scientist**, Infectious Disease Division, icddr,b  
Achievements: Published 11 manuscripts in peer-reviewed journals, and received 1.4 M USD as PI or Co-PI. Total number of citations as on 25 March 2021: 292; h-index: 10; i10-index-10.  
Key responsibilities: Developing concepts and proposals, ensuring research funding, project implementation; Building capacity of research group staff to raise funds, and guide to develop proposals; Scientific analysis, knowledge creation, dissemination and translation to evidence.

- 2012 - 2017 **Research Investigator**, Infectious Disease Division, icddr,b  
 Achievement: Published 10 manuscripts in peer-reviewed journals, and received 1.1 M USD as PI or Co-PI. Successfully led and completed "Bangladesh National Hygiene Survey 2014" which had an immense impact in this sector. Bangladesh government has issued a circular to improve menstrual hygiene management in school based on the findings from Bangladesh Hygiene Survey on school.  
 Key responsibilities: Scientific research proposal development, ensure fund and project management; Project implementation, formative research and intervention development; Scientific analysis, knowledge creation, dissemination and translation to evidence.
- 2008 - 2012 **Research Officer**, Centre for Communicable Disease (CCD), icddr,b  
 Achievement: Received scholarship under Fogarty Trainee Scheme (sponsor number D43: D43TW005572) under Fogarty International Research Training Grant from the National Institute of Health, USA.  
 Key responsibilities: Developing data collection plans; supervise and monitor field activities; Qualitative and quantitative data analysis, writing reports and policy briefs; Maintaining liaison with the field team and other stakeholders
- Aug- Oct 2008 **Research Assistant**, Brac Development Institute (BDI), Brac University  
 Organizing workshops with NGO officials and their beneficiaries  
 Conducting interviews and FGD with NGO beneficiaries on citizen rights, knowledge  
 Transcribing and coding data, performing data analysis and preparing reports.
- Mar- Jun 2008 **Field Research Assistant**, Public Health Science Division, icddr,b

## VOLUNTEER LEADERSHIP EXPERIENCE

- 2020 Strategic Advisor of Lokoj Social Welfare Society, Bangladesh

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## FUNDING HISTORY

- 2023 Development of WASH sector National Planning, Monitoring and Reporting System. Amount awarded: \$118,525 as **Principal Investigator**; Donor: UNICEF, Bangladesh
- 2022 Development of a divisional level costed action plan to implement the national Menstrual Hygiene Management (MHM) Strategy, 2021. Amount awarded: \$158,372 as **Principal Investigator**; Donor: UNICEF, Bangladesh
- 2022 WASH Situation Assessment in Bashan Char and Development of Database and Monitoring System. Amount awarded: \$152,022 as Co-Principal Investigator; Donor: UNICEF, Bangladesh
- 2021 Evaluation of the Hygiene and Behavior Change Coalition for COVID-19 prevention in Kenya, Zambia and Indonesia. Amount awarded: \$693,708 as **Principal Investigator**; Donor: LSHTM
- 2021 Urban Sanitation Technologies as International Power Structures (U-STASIS). Amount awarded: \$31,183 as **Principal Investigator**; Donor: Université de Neuchâtel (SNIS)

- 2020 The association between child growth, disease morbidity and antibiotic use among children less than two years of age in Bangladesh: A secondary data analysis. Amount awarded: \$170,000 as Co-Investigator; Donor: SIDA
- 2020 Multi-sector programme planning across food-nutrition, energy and water-sanitation for the Rohingya Crisis at Cox's Bazar. Amount awarded: \$41,269 as **Principal Investigator**; Donor: Institute of Development Studies
- 2019 Strategies for achieving sewerage connection in low-income communities in Dhaka. Amount awarded: \$189,874 as **Principal Investigator**; Donor: WSUP
- 2019 WASH Mapping at Host Communities and Developing WASH Plan for Cox's Bazar. Amount awarded: \$254,743 as Co-Principal Investigator; Donor: unicef
- 2019 Identifying and overcoming barriers to sustainable school WASH in three Bangladeshi cities. Amount awarded: \$89,419 as Co-Investigator; Donor: WSUP
- 2019 Impact assessment of WASH in school project. Amount awarded: \$57,323 as Co-Investigator; Donor: WaterAid Bangladesh
- 2018 Identification of quality indicators of shared sanitation in urban Dhaka (QUISS). Amount awarded: \$55,500 as **Principal Investigator**; Donor: EAWAG
- 2018 Assessment of household water treatment among Rohingya refugees in Cox's Bazar. Amount awarded: \$78,890 as Co-Principal Investigator; Donor: Oxfam
- 2017 Assessment of fecal exposure pathways in low-income urban communities of Dhaka, Bangladesh. Amount awarded: \$54,636 as Co-Investigator; Donor: Emory University
- 2017 Improve WASH facilities in RMG factories of Bangladesh. Amount awarded: \$38,957 as **Principal Investigator**; Donor: The Waterloo Foundation, UK
- 2016 Evaluation of a faith-based intervention to improve WASH facilities and practices in the Muslim community of Bangladesh, Pakistan, India, and Indonesia. Amount awarded: \$65,080 as **Principal Investigator**; Donor: Global One 2015
- 2016 Piloting menstrual hygiene management interventions among schoolgirls of Bangladesh. Amount awarded: \$499,994 as Co-Principal Investigator; Donor: BMGF
- 2014 Using behaviour change messaging to improve shared toilets in Bangladesh. Amount awarded: \$170,438 as Co-Investigator; Donor: Stanford University
- 2012 Bangladesh National Hygiene Survey. Amount awarded: \$803,057 as Co-Investigator; Donor: WaterAid Bangladesh

## AWARDS

- 2021 Received Tsuha Fellowship at the University of Western Australia for the period 2022-2025
- 2019 Received Young Scientist award by Bangladesh Academy of Sciences, Dhaka, Bangladesh
- 2018 Certificate of award for contribution to Faith-based research, House of Lords, London, UK
- 2018 Outstanding contribution in reviewing articles for Public Health in 2018
- 2016 International Training Programme (ITP-301) in Sustainable Urban Water and Sanitation – Integrated Processes- SUWAS 2016-17, at Stockholm, Sweden and Kampala, Uganda
- 2015 Travel award for oral presentation at Water and Health Conference, 2015 at the NC, USA

## SCHOLARSHIPS

- 2022-2025 Received EPSRC Doctoral Training Partnership Studentship for session 2021/22 at the University of Leeds, UK for a full-time PhD at the School of Civil Engineering
- 2012-2013 Fogarty Trainee (sponsor number D43: D43TW005572) under Fogarty International Research Training Grant from the National Institute of Health, USA.

- 1999-2004 Complimentary monthly stipend for maintaining academic consistency from Department of Anthropology, Jahangirnagar University, Bangladesh
- 1997-1999 Government scholarship for academic excellence in Higher Secondary Certificate examination
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## PEER-REVIEWED JOURNAL ARTICLES AND OTHER PUBLICATIONS

- 2023 Sharior F, Alam MU, Zaqout M, Cawood S, Ferdous S, et al. (2023) Occupational health and safety status of waste and sanitation workers: A qualitative exploration during the COVID-19 pandemic across Bangladesh. PLOS Water 2(1): e0000041. <https://doi.org/10.1371/journal.pwat.0000041>
- 2022 **Mahbub-UI Alam**, S Fazle, Shoaib DM, Hasan M, Tabassum KF, Ferdous S, Hasan M, Rahman M, Tidwell J, Zaqout M, Farah M, Rahman MA, Ahmed A, Ahmed T. Hygiene knowledge and practices and determinants of occupational safety among waste and sanitation workers in Bangladesh during the COVID-19 pandemic. Hygiene and Environmental Health Advances. Volume 4, 2022, 100022, ISSN 2773-0492, <https://doi.org/10.1016/j.heha.2022.100022>.
- 2022 **Mahbub-UI Alam**, Sultana, F., Hunter, E.C. et al. Evaluation of a menstrual hygiene intervention in urban and rural schools in Bangladesh: a pilot study. BMC Public Health 22, 1100 (2022). <https://doi.org/10.1186/s12889-022-13478-1>
- 2022 Rahman, Mahbubur, **Mahbub-UI Alam**, Sharmin K. Luies, Abul Kamal, Sharika Ferdous, Audrie Lin, Fazle Sharior, Rizwana Khan, Ziaur Rahman, Sarker M. Parvez, Nuhu Amin, Rezaul Hasan, Birkneh T. Tadesse, Neelam Taneja, Mohammad A. Islam, and Ayse Ercumen. 2022. "Contamination of Fresh Produce with Antibiotic-Resistant Bacteria and Associated Risks to Human Health: A Scoping Review" *International Journal of Environmental Research and Public Health* 19, no. 1: 360. <https://doi.org/10.3390/ijerph19010360>
- 2021 **Mahbub-UI Alam**, Ferdous S, Ercumen A, Lin A, Kamal A, Luies SK, Sharior F, Khan R, Rahman MZ, Parvez SM, Amin N, Tadesse BT, Moushomi NA, Hasan R, Taneja N, Islam MA, Rahman M. Effective Treatment Strategies for the Removal of Antibiotic-Resistant Bacteria, Antibiotic-Resistance Genes, and Antibiotic Residues in the Effluent From Wastewater Treatment Plants Receiving Municipal, Hospital, and Domestic Wastewater: Protocol for a Systematic Review. JMIR Res Protoc. 2021 Nov 26;10(11):e33365. doi: 10.2196/33365
- 2021 Mehjabin Tishan Mahfuz, Sultana F, Hunter EC, Jahan F, Akand F, Khan S, Mobashhara M, Rahman M, **Alam MU**, Unicomb L, Luby SP, & Winch PJ. Teachers' perspective on implementation of menstrual hygiene management and puberty education in a pilot study in Bangladeshi schools. Global Health Action, 14:1, DOI: 10.1080/16549716.2021.1955492
- 2020 **Mahbub-UI Alam**, Sharior F, Ferdous S, Norman G, Rahman M, Tidwell J B. Strategies to Connect Low-Income Communities with the Proposed Sewerage Network of the Dhaka Sanitation Improvement Project, Bangladesh: A Qualitative Assessment of the Perspectives of Stakeholders. Int. J. Environ. Res. Public Health 2020, 17, 7201. DOI: 10.3390/ijerph17197201
- 2020 **Mahbub-UI Alam**, Unicomb L, Ahasan S M, Amin N, Biswas D, Ferdous S, Afrin A, Sarker S, Rahman M. Barriers and Enabling Factors for Central and Household Level Water Treatment in a Refugee Setting: A Mixed-Method Study among Rohingyas in Cox's Bazar, Bangladesh. Water 2020, 12, 3149. DOI: 10.3390/w12113149
- 2020 James Tidwell, Chipungu J, Ross I, Antwi-Agyei P, **Alam MU**, Tumwebaze I K, Norman G, Cumming O, Simiyu S. Where Shared Sanitation is the Only Immediate Option: A Research

- Agenda for Shared Sanitation in Densely Populated Low-Income Urban Settings. AJTMH. Nov 2020. DOI: <https://doi.org/10.4269/ajtmh.20-0985>
- 2020 Vasco Schelbert, Meili D, **Alam MU**, Simiyu S, Antwi-Agyei P, Adjei K A, Dwumfour-Asare B, Rahman M, Ferdous S, Sarker S, Günther I, Lüthi C. When is shared sanitation acceptable in low-income urban settlements? A user perspective on shared sanitation quality in Kumasi, Kisumu and Dhaka. *Journal of Water, Sanitation and Hygiene for Development*. washdev2020084. <https://doi.org/10.2166/washdev.2020.084>.
- 2020 Abdullah Al Masud, Rousham EK, Islam MA, **Alam MU**, Rahman M, Mamun AA, Sarker S, Asaduzzaman M, Unicomb L. Drivers of Antibiotic Use in Poultry Production in Bangladesh: Dependencies and Dynamics of a Patron-Client Relationship. *Front. Vet. Sci.*, 28 February 2020. <https://doi.org/10.3389/fvets.2020.00078>
- 2020 Yeasmin F, Rahman M, Luby SP, Das JB, Begum F, Saxton RE, Nizame FA, Hwang ST, **Alam MU**, Hossain MK, Yeasmin D, Unicomb L, Winch PJ. Landlords' and Compound Managers' Role in Improving and Sustaining Shared Latrines in Three Dhaka City Slums. *Water* 2020, 12, 2073. <https://doi.org/10.3390/w12072073>
- 2020 Khan A, Uddin R, Alam N, Sultana S, **Alam MU**, Ahmed R. (2019). Psychometric properties of the Bangla version of the Kessler Psychological Distress Scale (K6), *Global Psychiatry*, 2(2), 183-194. doi: <https://doi.org/10.2478/gp-2019-0016>
- 2019 **Mahbub-Ul Alam**, Rahman M, Islam MA, Asaduzzaman M, Sarker S, Rousham E, Unicomb L. Human exposure to antimicrobial resistance from poultry production: assessing hygiene and waste-disposal practices in Bangladesh. *International Journal of Hygiene and Environmental Health*. Sep 2019. <https://doi.org/10.1016/j.ijheh.2019.07.007>
- 2019 Nuhu Amin, Rahman M, Raj S, Ali S, Green J, Das S, Doza S, Mondol MH, Wang Y, Islam MA, **Alam MU**, Huda TMN, Haque S, Unicomb L, Joseph G, Moe CL. Quantitative assessment of fecal contamination in multiple environmental sample types in urban communities in Dhaka, Bangladesh using SaniPath microbial approach. *PLoS ONE* 14(12): e0221193. <https://doi.org/10.1371/journal.pone.0221193>
- 2019 Fosiul A. Nizame, **Alam MU**, Masud AA, Shoab AK, Opel A, Islam MK, Luby SP, Unicomb L. Hygiene in Restaurants and among Street Food Vendors in Bangladesh. *AJTMH*. July 2019. [doi.org/10.4269/ajtmh.18-0896](https://doi.org/10.4269/ajtmh.18-0896)
- 2018 Unicomb L, Horng L, **Alam MU**, Halder A, Shoab A, Ghosh P, Islam K, Opel A, Luby SP. "Health-Care Facility Water, Sanitation, and Health-Care Waste Management Basic Service Levels in Bangladesh: Results from a Nation-Wide Survey". *AJTMH*. Aug 2018. doi: 10.4269/ajtmh.18-0133
- 2017 **Mahbub-Ul Alam**, Winch PJ, Yeasmin F, Nizame FA, Saxton RE, Norman G, Masud A, Begum F, Rahman M, Unicomb L, Luby SP. "Behaviour change intervention to improve shared toilet maintenance and cleanliness in urban slums of Dhaka: a cluster-randomized controlled trial." *Trop Med Int Health*. 2017 May. doi: [10.1111/tmi.12902](https://doi.org/10.1111/tmi.12902)
- 2017 **Mahbub-Ul Alam**, Luby SP, Halder A, Islam K, Opel A, Shoab AK, Ghosh PK, Rahman M, Mahon T, Unicomb L. "Menstrual hygiene management among Bangladeshi adolescent schoolgirls and risk factors affecting school absence: results from a cross-sectional survey." *BMJ Open* 2017;7:e015508. doi: [10.1136/bmjopen-2016-015508](https://doi.org/10.1136/bmjopen-2016-015508)
- 2017 Ronald Saxton, Yeasmin F, **Alam MU**, Masud A, Dutta NC, Yeasmin D, Luby SP, Unicomb L, Winch PJ. 'If I do not have enough water, then how could I bring additional water for toilet cleaning?! Addressing water scarcity to promote hygienic use of shared toilets in Dhaka, Bangladesh'. *Trop Med Int Health*. 2017 Jun 27. doi: [10.1111/tmi.12914](https://doi.org/10.1111/tmi.12914)

- 2017 Farzana Yeasmin, Luby SP, Saxton RE, Nizame FA, **Alam MU**, Dutta NC, Masud AA, Yeasmin D, Layden A, Rahman H, Abbott R, Unicomb L, Winch PJ. Piloting a low-cost hardware intervention to reduce improper disposal of solid waste in communal toilets in low-income settlements in Dhaka, Bangladesh. BMC Public Health. 2017 Aug 29; 17: 682. doi: 10.1186/s12889-017-4693-x
- 2016 Sonia Hegde, Sazzad HMS, Hossain MJ, **Alam MU**, Kenah E, Daszak P, Rollin P, Rahman M, Luby SP, Gurley ES. 'Investigating rare risk factors for Nipah virus in Bangladesh: 2001 to 2012.' EcoHealth (2016) 13: 720. doi: [10.1007/s10393-016-1166-0](https://doi.org/10.1007/s10393-016-1166-0)
- 2016 Lily Horng, Unicomb L, **Alam MU**, Halder A, Shoab AK, Ghosh PK, Opel A, Islam K, Luby SP. 'Healthcare worker and family caregiver hand hygiene in Bangladeshi healthcare facilities: results from the Bangladesh National Hygiene Baseline Survey.' J Hosp Infect. 2016 Nov; 94(3):286-294. doi: [10.1016/j.jhin.2016.08.016](https://doi.org/10.1016/j.jhin.2016.08.016)
- 2016 Wit Wichaidit, **Alam MU**, Halder AK, Unicomb L, Hamer DH, Ram PK. 'Availability and Quality of Emergency Obstetric and Newborn Care in Bangladesh.' AJTMH. Published online June 6, 2016, doi: [10.4269/ajtmh.15-0350](https://doi.org/10.4269/ajtmh.15-0350)
- 2016 Shahana Parveen, Islam MS, Begum M, **Alam MU**, Sazzad S, Gurley ES, Sultana R, Rahman M, Hossain MJ, Luby SP. 'Its not what you say, its how you say it: Communicating Nipah virus prevention messages during an outbreak in Bangladesh.' BMC Public Health. 2016. 16:726, DOI: <https://doi.org/10.1186/s12889-016-3416-z>
- 2013 Emily Gurley, Islam MS, Nahar N, Sultana R, Hossain MJ, Homaira N, Parveen S, Naushin T, **Alam MU**, Khan AKMD, Chowdhury NMRA, Southern D, Luby SP. 'Behaviour change intervention to reduce caregivers' exposure to patients' oral and nasal secretions in Bangladesh.' International Journal of Infection Control 2013; 9(2):1-9. <https://doi.org/10.3396/ijic.v9i2.11121>

## WORKING PAPERS/REPORTS

- 2021 **Mahbub-UI Alam**, Ahmed T. "Health and Safety of Waste and Sanitation Workers during the Pandemic: A Case Study in Selected Cities of Bangladesh". ITN Research Series 15. ITN BUET. <https://itn.buet.ac.bd/web/resource/health-and-safety-of-waste-and-sanitation-workers-during-the-pandemic/>
- 2020 **Mahbub-UI Alam**, Rahman M et al., "WASH Mapping at Host Communities and Participatory WASH Plan for Cox's Bazar District." Final Report, icddr,b, January, 2020. [https://www.researchgate.net/publication/342639154\\_Cox's\\_Bazar\\_District\\_WASH\\_Mapping\\_and\\_Participatory\\_WASH\\_Plan](https://www.researchgate.net/publication/342639154_Cox's_Bazar_District_WASH_Mapping_and_Participatory_WASH_Plan)
- 2019 **Mahbub-UI Alam**, Afrin A, Sarker S, Rahman M. "Improve water, sanitation and hygiene situation in readymade garments factories in Bangladesh". Final Report, icddr,b, May 2019.
- 2018 **Mahbub-UI Alam**, Rahman M et al., "A Formative Study on Household Water Treatment among Rohingya Refugees in Cox's Bazar, Bangladesh." Final Report, icddr,b November 2018.
- 2018 **Mahbub-UI Alam**, Afrin A, Sarker S. "Evaluation of Faith Based Behaviour Change Intervention to Improve WASH Facilities and Practices in Bangladesh, Indonesia and Nepal." Working paper, icddr,b, August 2018
- 2015 **Mahbub-UI Alam**, Yeasmin F, Begum F, Rahman M, Unicomb L, Winch P, Luby SP. Report on Using behavior change messaging to improve shared toilets in Dhaka, Bangladesh 2015 <http://www.wsup.com/wp-content/uploads/2013/05/3.pdf>
- 2014 **Mahbub-UI Alam**, Unicomb L, Luby SP, Halder AK, Ram PK. "Bangladesh National Hygiene Baseline Survey: Preliminary Report." icddr,b, WaterAid Bangladesh, PSU, GoB. Dhaka, 2014. <http://www.psu-wss.org/bnhbs.html>

## **POLICY BRIEFS**

- 2020 Mahbub-Ul Alam, Sharika Ferdous, Christoph Lüthi, Vasco Schelbert, Dario Meili. Shared Sanitation in Low-income Urban Settlements in Bangladesh: Research Results and Policy Recommendations. Policy brief from QUISS study.
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## **INVITED LECTURES OR KEYNOTES**

- 2020 1st Virtual National Celebration of the World Toilet Day (WTD) on November 27, 2020; delivered technical presentation on “Research on approaches for sewerage low-income communities in Dhaka”, arranged by the Department of Health (DOH), unicef and WHO in the Philippines
- 2018 Invited speaker to present Faith-based WASH behaviour change study at House of Lords, London, UK, 21-27 Jun.
- 2015 Bringing home the SDGs: Bangladesh has successfully implemented the MDGs and lessons for the SDGs; side event at the UNC Water and Health Conference, arranged by WaterAid
- 2015 National Seminar on Menstrual Hygiene Management Situation and Future Action, organized by Bangladesh WASH Alliance and Partners

## **CONFERENCE PAPERS AND PRESENTATIONS**

- 2020 American Society of Tropical Medicine and Hygiene 69th Annual Meeting, Nov 15-19, 2020
- 2019 4<sup>th</sup> Young Scientist Congress, 13-15 December at Dhaka, by Bangladesh Academy of Sciences
- 2018 Water and Health Conference at the University of North Carolina, NC, USA. 29 Oct-2 Nov.
- 2018 WASH Future Conference at Brisbane, Australia. 5-9 March.
- 2018 Theology and Religion workshop at University of Birmingham, UK, 21-27 Jun.
- 2017 WEDC International Conference, Loughborough University, UK. 22 - 28 July.
- 2016 Water and Health Conference at the University of North Carolina, NC, USA. 10-14 Oct.
- 2016 SACOSAN VI conference, 11-13 Jan 2016, Dhaka, Bangladesh.
- 2015 Water and Health Conference at the University of North Carolina, NC, USA. 26-30 Oct.
- 2014 Water and Health Conference at the University of North Carolina, NC, USA. 13-17 Oct.

## **TEACHING AND MENTORING**

- 2020 Guest Faculty at American International University Bangladesh
- 2020 Mentor at AuthorAid
- 2016 Mentored 20 Intern students and four Research Fellows from 2016
- 2019 Grant and proposal writing short course for icddr,b staff
- 2019 Grant and proposal writing short course for American International University students
- 2018 National Hygiene Survey data collection training for Bangladesh Bureau of Statistics

## **PEER REVIEW HISTORY**

Elsevier	Public Health, International Journal of Hygiene and Environmental Health, Journal of Cleaner Production, Journal of Environmental Management, Environmental Impact Assessment Review, Public Health in Practice
Wiley	Maternal and Child Nutrition, Tropical Medicine and International Health
SAGE	Global Paediatric Health
BMJ	BMJ Global Health
BMC	Tropical Medicine and Health
PloS	PloS One

Practical Action	Waterlines
Frontiers	Frontiers in Public Health
Taylor & Francis	Culture, Health & Sexuality
IWA Publishing	Journal of Water, Sanitation and Hygiene for Development
	Journal of Health Science and Medical Research

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## **MAJOR TRAINING AND WORKSHOP ATTENDED**

- 2020 ISO 30500 and ISO 24521: International Non-sewered Sanitation Standards by Cap-Net, American National Standards Institute (ANSI), and Global Water Partnership (GWP)
- 2020 Cochrane Interactive Learning: Conducting an Intervention Review, by Cochrane
- 2017 Introduction to Systematic Review of Health Research on 3-5 October 2017. Organized by Technical Training Unit, icddr,b, funded by Sida
- 2017 International Training Programme in Sustainable Urban Water and Sanitation –Integrated Processes- SUWAS 2016, from August 2016 to October 2017 at Stockholm, Sweden and Kampala, Uganda. Organized by NIRAS Sweden AB and WaterAid Sweden, funded by Sida.
- 2015 Certificate program on ‘Results Based Management (RBM)’ on 19-20 August 2015. Organized by Technical Training Unit, icddr,b, Mohakhali, Dhaka.
- 2015 Workshop on ‘Sustainability in WASH programmes in Bangladesh’, on 22 April, 2015. Organized by JPGSPH, Brac University, Dhaka.
- 2015 Training on ‘Public Health Statistics and Data Analysis Using STATA’, 5 days training during March-April, 2015. Organized by Training Unit, Centre for Communicable Disease, icddr,b, Mohakhali, Dhaka.
- 2014 Workshop on ‘South Asia Regional Impact Evaluation Workshop- evaluating the impact of development programs: turning promises into evidence’ from April 27-29, 2014. Organized by World Bank, IPA, BRAC at Pacific Sonargaon, Dhaka, Bangladesh.
- 2011 Training on ‘Measuring behavioural determinants,’ 3 days training during 23-28 February 2011. Organized by Centre for Communicable Disease, icddr,b, Mohakhali, Dhaka.

## **PROFESSIONAL MEMBERSHIP**

- 2020 American Society of Tropical Medicine and Hygiene
- 2018 Water Supply & Sanitation Collaborative Council (WSSCC)
- 2017 Gender and Water Alliance (GWA)
- 2016 Sustainable Sanitation Alliance (SuSanA)
- 2015 One Health Bangladesh (Lifetime member)
- 2014 Women & Girls at the Center of Development (WGCD) network

## **SOFTWARE COMPETENCY**

- Proficient user of data analysis software STATA, R, and SPSS
- Proficient user of Microsoft Office Suite, SQLite, CommCare, ODK, Qualtrics, Epi info, QGIS, Atlas.ti

## **LANGUAGE PROFICIENCY**

- English, fully proficient
- Bangla, native language
- Hindi (full proficiency in listening and speaking)



**PERSONAL SKILLS**

- Excellent team building and leadership skills, experience of working in a multidisciplinary collaboration with government agencies and foreign donors
- Expertise in large team (85 staff) management, and mentorship (registered mentor at AuthorAid)
- Innovative, proactive, bookworm