

Education

Ph.D. in Regional Planning University of Illinois at Urbana-Champaign	Expected May 2022
Master of Urban and Regional Planning (MURP) Bangladesh University of Engineering & Technology	December 2016 Dhaka, Bangladesh
Bachelor of Urban and Regional Planning (BURP) Bangladesh University of Engineering & Technology	February 2013 Dhaka, Bangladesh

Experience

Assistant Professor (On leave) , Urban and Regional Planning, BUET	August 2017-Present
Lecturer , Urban and Regional Planning Bangladesh University of Engineering and Technology (BUET)	January 2014-August 2017
Researcher , ReCAP funded project titled – Planning and prioritization of rural roads in Bangladesh.	April 2016-August 2017
Supervisor , Undergraduate thesis, titled – Impact of side friction on the operating speed of traffic in the roads of Dhaka city	August 2016-August 2017
Instructor , ArcGIS training, titled – ‘Food Security Cluster GIS Training for Humanitarian Professionals’	15 - 19 December 2015 Dhaka, Bangladesh
Researcher , Drainage and Water Retention, Traffic Impact Assessment (partly) and Environmental Impact Assessment (partly) study of a site proposed for a new campus of BRAC University in Dhaka	August - December 2014 Dhaka, Bangladesh
Junior Planner , Government of Bangladesh-UNICEF project titled – Water Supply, Sanitation and Hygiene (WASH)	April - November 2013 Dhaka, Bangladesh
Intern , Christian Aid, UK&I; Bangladesh Country Office	March - April 2012 Dhaka, Bangladesh

Courses Taught in BUET

Theory Course

- Plan 343: Traffic and Transportation Study
- Plan 345: Transportation Policy and Planning
- Plan 401: Project Evaluation and Management
- Plan 161: Surveying and Cartography
- Plan 211: Urban Planning Principles
- Plan 215: Urban Planning Techniques
- Plan 331: Rural Development Planning I

Lab Course

- Plan 446: Transportation Planning Studio
- Plan 362: GIS and Remote Sensing Studio
- Plan 162: Surveying and Cartography Workshop
- Plan 396 Programming Techniques
- Plan 218: Site and Area Planning Studio
- Plan 332 Rural Planning Studio

Publications:

- Shubho, M. T. H., Islam, S. R., Ayon, B. D. and Islam, I. (2014). ‘An Improved Semiautomatic Segmentation Approach to Land Cover Mapping for Identification of Land Cover Change and Trend’. *International Journal of Environmental Science and Technology*. Springer: International Journal of Environmental Science and Technology. Vol: 12, Issue: 8, pp. 2593-2602.
- Shubho, M. T. H. and Neema, M. N. (2014). ‘Impact of Land Use Change on Prodigious Traffic Growth towards Impeding Livability of a City’. *Environment, Ecology & Management*, Vol 2014 (2014), Article ID 2, pp. 1–15.
- Islam, S., Haque, A. M., Shubho, M. T. H., Islam, I., Khatun, F. and Hossain, D. (2013). Addressing Community Based Problems: ‘Exploring the Role of CBO through Participatory Approach’.

European Scientific Journal, Special Edition, Vol. 3, pp. 92–104.

Shubho, M. T. H., Hassan, M. T., Hossain, M. R. and Neema, M. N. (2013). 'Quantitative Analysis of Spatial Pattern of Dustbins and its Pollution in Dhaka City--A GIS Based Approach'. *Asian Transactions on Engineering*, Vol. 03 (04), pp. 1–7.

Siraj, M. A., Neema, M. N. and Shubho, M. T. H. (2013). 'Impacts of Climate Change on Food Security in Bangladesh—A GIS-based analysis'. *Asian Transactions on Engineering*, Vol. 03 (04), pp. 13–18.

Sharmin, N., Hossen, M. S., Mahmud, S., Shubho, M. T. H. and Mamun, A. A. 'An Assessment on the Quality of Intra Urban Bus Services in Dhaka City'. *Nagar Shoilee*, Vol. 6. ISBN: 978-984-335357-3.

Shubho, M. T. H., Haque, A. M. and Sharmeen, N. Importance of Environmental Impact Assessment (EIA) and its Application in Developing Countries. *Nagar Shoilee*, Vol. 5. ISBN: 978-984-33-4079-5.

Conferences/ Seminars/ Workshops:

- Islam, S., Haque, A. M., Shubho, M. T. H., Islam, I., Khatun, F. and Hossain, D. (2013). Addressing Community Based Problems: Exploring the Role of CBO through Participatory Approach. Proceedings on 1st Eurasian Multidisciplinary Forum, 24-26 October 2013, Tbilisi, Georgia.
- Training Workshop on Self Assessment Exercise, organized by Institutional Quality Assurance Cell (IQAC), BUET, held on December 10, 2015
- Teachers' Appreciation Workshop, organized by Directorate of Continuing Education (DCE), BUET, held during 27-29 January, 2015
- Workshop on "Community Improvement through Participatory Planning" held at Department of Urban and Regional Planning, BUET.
- Workshop on "Community Participation in Preparing Toolkit for the Integrated Water Supply, Sanitation and Hygiene Planning (GOB-UNICEF) Project held at ITN, BUET.

Training:

- Training on Computer Based Project Management, organized by Directorate of Continuing Education, BUET, held during 1-4 September, 2016
- Training on Sustainable Urban Transport (SUT), organized by Jahangirnagar University, Dhaka Transport Coordination Authority (DTCA) and GIZ Bangladesh, held on 8 February, 2016
- Training on Public Procurement Management, PPA-2006 and PPR-2008, organized by Directorate of Continuing Education, BUET, held during 6-11 June, 2015
- Training on Remote Sensing Software: ERDAS IMAGINE, organized by Urban and Regional Planning Department, BUET under Higher Education Quality Enhancement Project (HEQEP)

Awards and Honors:

- 'Abdul Hamid Award-2013' awarded for the first position of undergraduate thesis.
- 'University Merit Scholarship' awarded by Bangladesh University of Engineering and Technology for academic excellence at the undergraduate level.
- 'The Faculty Dean's Scholarship' awarded by Bangladesh University of Engineering and

Technology for the outstanding academic achievement at undergraduate level.

- 'Board Scholarship' awarded by the Education Boards, Bangladesh, for academic excellence.

Technical Skills:

Analytical and Document

- ArcGIS, SPSS, ERDAS Imagine, ILWIS, Microsoft Project, Microsoft Office (Word, Excel, PowerPoint, and Access)

Design and Editing

- AutoCAD, CorelDRAW, Adobe Photoshop, Adobe Illustrator