

CURRICULUM VITAE



PERSONAL INFORMATION

Name **MD. KAMRUL ISLAM**

Address Assistant Professor, Department of Urban and Regional planning, Chittagong University of Engineering and Technology, Chittagong-4349, Bangladesh.

Telephone +8801739065811

E-mail Kamrul.islam.cuet10@cuet.ac.bd, Kamrul.islam.cuet10@gmail.com

Nationality Bangladeshi

Father's Name Md. Abdul Kuddus Occupation: Farmer

Mother's Name Mst. Doly Bibi Occupation: House wife

Date of birth [12, August, 1992]

Blood Group O+ (Positive)

WORK EXPERIENCE

- Dates (from – to) 03, October, 2019 to Present
- Name and address of employer Chittagong University of Engineering and Technology, Chittagong-4349, Bangladesh providing education
- Type of business or sector
- Occupation or position held **Assistant Professor**
- Main activities and responsibilities Teaching and supervising of student, Preparation of class lecture.

- Dates (from – to) 26, December, 2016 to 02, October, 2019
- Name and address of employer Chittagong University of Engineering and Technology, Chittagong-4349, Bangladesh providing education
- Type of business or sector
- Occupation or position held **Lecturer**
- Main activities and responsibilities Teaching and supervising of student, Preparation of class lecture.

- Dates (from – to) 10, March, 2017 to Present
- Name and address of employer Pabna University of Science and Technology providing education
- Type of business or sector
- Occupation or position held **Examiner**
- Main activities and responsibilities I Examined the following course: Photogrammetry and Aerial photo interpretation, basic environmental engineering, statistics for planner-I, statistics for planner-I, Regional Planning, Coastal zone planning and management.

- Dates (from – to) 20 March, 2017 to August, 2017
- Name and address of employer Bangladesh University of Professional (BUP), BMA Campus providing education
- Type of business or sector
- Occupation or position held **Part Time Teacher**
- Main activities and responsibilities I conduct the following Course: GIS and Remote Sensing Seasonal

- Dates (from – to) 26, August, 2015 to 25, December, 2016
- Name and address of employer Jolshiri Abashon, (Army Housing Scheme) Town Development
- Type of business or sector
- Occupation or position held **GIS Specialist**

• Main activities and responsibilities

Preparing Physical Feature maps, Land use Maps, Digital Elevation Model (DEM) Maps and Contours Maps of the study areas utilizing the processed spatial data. Maps for proposed Water Distribution Network, Proposed Drainage Network are also prepared.

• Dates (from – to)

April,2014 to May,2014

• Name and address of employer

Institute of Water Modelling (IWM), Dhaka1206, Bangladesh

• Type of business or sector

Public trust organization of Bangladesh under ministry of water resource

• Occupation or position held

Internee (Full time)

• Main activities and responsibilities

Preparation GIS base maps for 148 pourashavas water supply

EDUCATION

• Dates (from – to)

2011-2015

• Name and type of organization

Chittagong University of Engineering & Technology (CUET), Chittagong-4349, providing education

• Principal subjects

Urban and Regional Planning

• Title of qualification awarded

Bachelor of Urban and Regional Planning (BURP)

• Result

CGPA 3.76 out of 4.00 (Merit Position : 2nd)

• Dates (from – to)

2008-2010

• Name and type of organization

Rajshahi Govt. City College, Rajshahi, providing education

• Principal subjects

Science

• Title of qualification awarded

Higher Secondary Certificate (HSC)

• Result

GPA 5.00 out of 5.00

• Dates (from – to)

2006-2008

• Name and type of organization

Kayamajompur High School, Rajshahi, providing education

• Principal subjects

Science

• Title of qualification awarded

Secondary School Certificate (SSC)

• Result

GPA 5.00 out of 5.00

Academic Research

Bachelor Thesis, BURP Program "Spatio-Temporal Assessment of Ecological Disturbance and its Impacts on Environment in cyclone prone coastal area of Bangladesh".

Training

1)

Trained on Web Based Spatial Data Management System organized by Jantrick Technology Ltd and Institute of Water Modelling (IWM), Dhaka

2)

Application of Numerical Modeling in Water Resource Engineering organized by The Center for River, Harbor & Landslide Research (CRHLSR), Chittagong University of Engineering and Technology, Chittagong-4349.

JOURNAL PAPER

Islam, M. K., Hredoy, M.S.N., Islam, K.M.A., Adnan, M.S.G., Raja D.R. (2021) Spatial distribution of heat wave vulnerability in a coastal city of Bangladesh' Journal of Environmental Challenges, ISSN 2667-0100 Vol. 4, 2021.

Islam, M.K., Aysha A. ,Tanim A. H. (2020) Possibilities of Urban Flood Reduction through Distributed Scale Rainwater Harvesting. Water Science and Engineering. Volume 13, Issue 2, June 2020, Pages 95-105

Islam, M. K., Chowdhury, S., Raja D.R. (2015) 'Assessment of Ecological Change Due To Cyclone Using Remote Sensing Technique' Journal of Bangladesh Institute of Planners, ISSN 2075-9363 Vol. 8, 2015, pp. 175-186. URL: www.bip.org.bd/SharingFiles/journal_book/20170121090024.pdf

Islam, M. K., Chisty K.U., Chowdhury, S., Rahman A. (2015) 'Community Participatory Tools for Water Logging Vulnerability Assessment in Chittagong City Corporation Area' Journal of Bangladesh Institute of Planners, ISSN 2075-9363 Vol. 8, 2015, pp. 221-231.). www.bip.org.bd/SharingFiles/journal_book/20170121085719.pdf

Shahjahan, A., **Islam, M. K.**, Mitra, S., Chisty, K. (2015). 'Renewal Plan for the Old Part of Chittagong: A Case Study of Firingi Bazar'. *World Academy of Science, Engineering and Technology, International Science Index 100, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering*, 9(4), 1313 - 1316. URL: <http://www.waset.org/publications/10001386>.

Islam, M. K., & Chowdhury, S. (2014). Analysis of Changing Land Cover in Chittagong City Corporation Area (CCC) by Remote Sensing and GIS. *International Journal of Innovation and Applied Studies*, 8(3), 1193. URL: <http://www.ijias.issr-journals.org/abstract.php?article=IJIAS-14-235-04>.

Islam, M. K., & Chowdhury, S. (2014). "Demand and Supply Analysis of parking in commercial Area: A Case Study Probortak More Area, Chittagong," *International Journal of Innovation and Scientific Research*, vol. 12, no. 1, pp. 315–327, November 2014. URL: <http://www.ijisr.issr-journals.org/abstract.php?article=IJISR-14-295-03>.

Islam, M. K., Ali M., Misuk S. (2014). 'Growth Pattern Analysis of Khagrachari Pourashava', *European academic research Journal*, vol. 1, January 2013, pp. 3153-3166 (ISSN 2286-4822). URL: [waset.org/pdf/books/?id=6038&pageNumber=43](http://www.waset.org/pdf/books/?id=6038&pageNumber=43)

CONFERENCE PAPER

Nehal, A. H., Hasan, M. R., & **Islam, M. K.**, 'Analyzing Vulnerability of a Community to Fire Hazard: A Case Study of Chandgaon Residential Area'. *International Conference on Disaster Risk Management (ICDRM 2019)*, 12-14 January 2019. BUET, Dhaka.

Hredoy, M. S. N., Naim, M. N. H., Sikdar, M. S., & **Islam, M. K.**, 'Spatio-Temporal Change Analysis of Wetland in Chittagong City Corporation by Remote Sensing and GIS Technique'. *4th International Conference on Advances in Civil Engineering 2018 (ICACE 2018)*, 19-21 December 2018. CUET, Chittagong.

Ashrafi, T. J., Sikdar, M. S., & **Islam, M. K.**, 'River Change Detection and Bank Erosion Identification Using Topographical and Remote Sensing Data'. *4th International Conference on Advances in Civil Engineering 2018 (ICACE 2018)*, 19-21 December 2018. CUET, Chittagong.

Kader, M. A., & **Islam, M. K.**, 'A GIS-Based Analysis on "Emergency Disaster Response"-A Case Study on Chittagong City Corporation'. *4th International Conference on Advances in Civil Engineering 2018 (ICACE 2018)*, 19-21 December 2018. CUET, Chittagong.

Sikdar, M. S., Raja, D. R., **Islam, M. K.**, 'Influence of Land Cover Change on Land Surface Temperature Using RS And GIS Techniques: A Case Study of Gazipur District'. *1st National Conference on Water Resources Engineering (NCWRE 2018)*, 21-22 March 2018. CUET, Chittagong, Bangladesh.

Islam, M. K., Chisty K.U., Mitra S., Islam I., 'An Application of GIS for Cyclone Risk Assessment of a coastal Area in Chittagong' Bangladesh'. *International Conference on Recent Innovation in Civil Engineering for Sustainable Development (IICSD-2015)*, 11-13 December 2015. DUET, Gazipur.

Islam, M. K., Islam S., Islam R.K., 'Bank shifting and land use change of Jamuna River due to construction of multipurpose Bangabandhu Bridge'. *International Conference on Recent Innovation in Civil Engineering for Sustainable Development (IICSD-2015)*, 11-13 December 2015. DUET, Gazipur.

OTHERS PAPER

Islam, M. K., 'Landslide in Motijhorna, Chittagong'. *iprepare program, Asian disaster preparedness center*. URL: http://www.adpc.net/igo/contents/iPrepare/iprepare-news_id.asp?ipid=167

**PERSONAL SKILLS
AND COMPETENCES.**

MOTHER TONGUE

BANGLA

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

[good]

[good]

[good]

ORGANIZATIONAL SKILLS

Associate Member Of Bangladesh Institute Of Planner(BIP), Id No: 1225

TECHNICAL SKILLS
AND COMPETENCES

Package Office Programs- Microsoft Word, Microsoft Excel, Microsoft Power Point
Microsoft Project Management
Corel Draw
Arc-GIS 9.3,10.1,10.2,10.3
ERDAS EMAGING 9.1, 10.1,14
ILWIS
Auto Cad
SPSS

ARTISTIC SKILLS
AND COMPETENCES

Graphic Design, Writing

REFERENCES

Md. Muhammed Rashidul Hasan Udoy, Associate professor and Head at Department of Urban and Regional Planning, CUET, Email: udoy_ku@yahoo.com Contract No: +8801720900600

Debasish Roy Raja, Assistant professor at Department of Urban and Regional Planning, CUET, Email: rdebasishroy@gmail.com, Contract No: +88001819508496