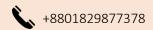
Tamjidul Islam Illin



202/R, Road 05, Mohammadia limited Housing, Mohammadpur, Dhaka-1207





Education

Bangladesh University of Engineering and Technology

Bachelor of Science, Water Resources Engineering

Dhaka Residential Model College

Higher Secondary School Certificate, Science

Dhaka Residential Model College

Secondary School Certificate, Science

Research Interest

Climate change

GIS Based Application

Risk management

Machine Learning

29 April 2019-1 July 2024

3.76/4.00

1 July 2016- 15 August 2018

5.00/5.00

1 January 2014- 15 June 2016

Hydrological modelling

5.00/5.00

Work Experience

Technovative Solutions LTD

Assistant Water Resources Engineer

Climate assembly agenda setting in a European project using NLP

1 July 2024-

Awards

Dean's list

Higher Secondary Board Scholarship

Leadership Experiences

BUET Career Club

President

2021-2022 2018

2023-2024

Standardized Test Result

Test of English as a Foreign Language

Reading-30, Listening-30, Speaking-26, Writing-23 (Total-109)

Graduate Record Examination

Verbal – 157, Quant – 161, AWA-3.00 (Total-318)

2nd December 2023-Present

14th October 2023-Present

Skills

HEC RAS

★ ★ ★ ☆

HEC HMS

★ ★ ☆ ☆

ArcGIS

 \star \star \star

Machine Learning

★ ★ ★ ☆

MATLAB

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Idea Generation

* *

Presentation

* * * *

Communication \star \star \star

Microsoft Excel



Achievements

Hult Prize (on campus round)	2020
2 nd runner-up	
Univ Poster Presentation	2021
Gold award	

Top 100

Courses And Trainings

Banglalink Ennovators

Institute of Water Modelling Internship (Hydrological Modelling) 7th November 2023-16 November 2023

2021

Undergraduate Thesis Project

Downscaling Climate Model Data Using Machine Learning and Assessing the Impact of Climate Change on the Rainfall of Potomac Basin

- Projecting to output the climate data down to 0.17°x 0.22° resolution
- Understanding the difference in rainfall due to CMIP6 climate change scenarios

Publications

- 1. T.I. Illin, A.P. Banna, M. Maliha (2022), "RIPARIAN MANAGEMNET and RIVERBANK EROSION: A case study on Harirampur Upazila", Final paper number: 1443, 6th International Conference on Advances in Civil Engineering (ICACE-2022)21-23 December 2022 CUET, Chattogram, Bangladesh. 6th International Conference on Advances in Civil Engineering (ICACE-2022) 21-23 December 2022 CUET, Chattogram, Bangladesh
- 2.H. Moulik, M. Saleh, A. P. Bonna, T. I. Illin(2023), "Soil Erosion Assessment in Rangamati District: Comparing Hydrological Conditions & Geospatial Data Before & After the 2017 Landslide Event", Final paper number: 0144, 4th International Conference on Planning, Architecture & Civil Engineering (ICAPCE-2023) 12-14 October, 2023 RUET, Rajshahi , Bangladesh.

4th International Conference on Planning, Architecture & Civil Engineering (ICAPCE-2023) 12-14 October, 2023 RUET, Rajshahi, Bangladesh.

- 3. I. Sarkar, T.I. Illin T.I. Oishee (2023), "Prediction of Land Use Land Cover (LULC) Changes at Sirajganj in Northwest Region of Bangladesh with Machine Learning Algorithm (CA-ANN) and Evaluating Their Impact on Land Surface Temperature" American Geophysical Union (AGU) 2023 American Geophysical Union (AGU) 2023 DOI: 10.22541/essoar.170740731.11098767/v1
- 4. F.Ahmed, Md. A.I.Wahid, M. Turjo, Md A. Rahman, T.I.Illin, A.K.M. R. Hossain(2024)," EVALUATING THE IMPACT OF LULC CHANGES ON FLASH FLOOD USING HEC HMS: A CASE STUDY FOR SYLHET REGION", 7th International Conference on Civil Engineering for Sustainable Development(ICCESD 2024), 7~9 February 2024, KUET, Khulna, Bangladesh

7th International Conference on Civil Engineering for Sustainable Development (ICCESD 2024), 7~9 February 2024, KUET, Khulna, Bangladesh

References

Dr. A. T. M. Hasan Zobeyer Thesis Supervisor Professor, Department of Water Resources Engineering, Professor, Department of Water Resources Engineering, BUET zobeyer@wre.buet.ac.bd

Dr. Nasreen Jahan

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