

ANIM SAHA

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📌 Anim Saha 🔄 Anim-Saha

Research Interest

Environmental science, Environmental Sustainability, Environmental Pollution, Geographic Information System (GIS), and Data-Driven Solutions for Environmental Problems.

Education

Bachelor of Urban and Regional Planning,

Khulna University of Engineering and Technology

CGPA: 3.07 (scale 4.00)

02/2017 – 09/2022

Khulna, Bangladesh

Key Courses: Principles of Environmental Planning, Statistics for Planners, Water Resource Planning, GIS and Remote Sensing Studio, Environmental Planning and Management, Project Planning and Management, Environmental Chemistry.

Research Experiences

Undergraduate Thesis, Integration of Technology in Cyclone Management Practice:
A Case Study of Dacope Upazila

07/2022

- Identifying service gaps in the existing cyclone management phases
- Developing plans that incorporate technology by identifying technological gaps
- Performed analyses to map vulnerable areas and their available resources

Assessment of regional shopping behavior, Rangpur Union, Khulna

09/2021

- Reilly's law of retail gravitation and constrained gravity model were used
- Inadequate health services, electric appliances, and supplies were major findings

TOR on Construction and Improvement of Drainage Network

07/2021

- Manning scheduling of the key personnel and supporting staff

Study area selection for the Participatory rural appraisal in community

06/2021

- Resource and social map preparation with GIS data
- Methods applied - Fishbone, Problem tree, Venn, Mobility mapping, SWOT

Growth Prediction of Urban Areas: A Study on Khulna Metropolitan Area

06/2019

- Prediction of urban growth using Geo-spatial analysis model
- Using Analytic Hierarchy Process and Growth pole theory for better prediction

Environmental Profiling of Khulna City, Ward No 02

03/2019

- Spatial Analysis of the existing roads, water body, topography, drainage system, soil condition, and flood level.

Report on Site Analysis, Pubon Hawa Housing Ltd

10/2018

- Site inventory and site analysis from the survey data and secondary data
- Implementing Neighborhood Housing Principles and weighting scores of the sites

Professional Experiences

Operations Intern, British American Tobacco, Bangladesh

09/2022 – 11/2022

- Documenting to defend the Environmental, Health, and Safety Global Audit
- Preparing Standard Operation Procedures and Risk Assessment reports

Dhaka, Bangladesh

Research Assistant, Inspira Advisory & Consultancy Limited	04/2021 – 10/2021
<i>Community-Based Approach to Address Urban Air Pollution, World Vision Bangladesh</i>	Dhaka, Bangladesh
<ul style="list-style-type: none"> • Desk reviewing the existing Air Pollution solutions both local & global • Executed Focus Group Discussions and Key Informant Interviews. • Organizing a national startup competition addressing Air Pollution 	


Standardized Test Score

Graduate Record Examinations, (GRE General Test)	08/2023
Overall 302 Quantitative 157 Verbal 145 Analytical Writing 3.0	
International English Language Testing System, (IELTS Academic)	03/2023
Overall 7.0 Listening 7.5 Reading 7.0 Writing 6.5 Speaking 6.5	

Computer Literacy

Office Application	Statistical Software
MS Office (Word, Powerpoint, Excel & Access)	SPSS
Spatial Software	Programming Language
ArcGIS 10.2, Google Earth Engine	Python, HTML, Javascript, CSS
Data Analysis & Visualization	Planning and Design
Python Libraries, Tableau, Power BI	Sketchup, AutoCAD

Certificates

Programming for Everybody (Getting Started with Python) 
University of Michigan (offered by Coursera)

Voluntary & Extra Curricular Activities

Campus Ambassador, International Supply Chain Education Alliance Bangladesh	2021 – 2022
President, KUET Career Club	2020 – 2022
Co-founder & Organizing Secretary, KUET Business and Entrepreneurship Club	2018 – 2020
General Secretary, Sanatani Student's Welfare Association	2018 – 2019
Head of Administration & Logistics, Hult Prize at KUET	2019
Trainer, The Series Workshop on MS Excel, Kuet Career Club	2019

Awards & Achievements

Champion,	2019
<i>Debate Competition, World Town Planning Day, Bangladesh Institute of Planners</i>	
Champion,	2019
<i>Business Case Study Competition, Plannation (National Planning Contest), KUET</i>	
1st Runner-up, Business Case Study Competition, Ignition, KUET	2019
1st Runner-up, Business Case Study Competition, Builtech Fest, KUET	2019
Runner-up, Debate Competition, Plannation (National Planning Contest), KUET	2018