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

02/2017 – 09/2022
Khulna, Bangladesh

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   Dhaka, Bangladesh
- Preparing Standard Operation Procedures and Risk Assessment reports

Research Assistant, *Inspira Advisory & Consultancy Limited*   04/2021 – 10/2021
Community-Based Approach to Address Urban Air Pollution, World Vision Bangladesh   Dhaka, Bangladesh
- 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 I Quantitative 157 I Verbal 145 I Analytical Writing 3.0

International English Language Testing System, *(IELTS Academic)*   03/2023
Overall 7.0 I Listening 7.5 I Reading 7.0 I Writing 6.5 I Speaking 6.5

Computer Literacy

Office Application
MS Office (Word, Powerpoint, Excel & Access)

Statistical Software
SPSS

Spatial Software
ArcGIS 10.2, Google Earth Engine

Programming Language
Python, HTML, Javascript, CSS

Data Analysis & Visualization
Python Libraries, Tableau, Power BI

Planning and Design
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 Management, *Design Integrated Society of KUET*   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
Debate Competition, World Town Planning Day, Bangladesh Institute of Planners

Champion,   2019
Business Case Study Competition, Plannation (National Planning Contest), KUET

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