

Troyee Ghosh

Email: troyeeghosh99@gmail.com
Mobile: (+88)01521435593

LinkedIn: <https://www.linkedin.com/in/troyee-ghosh-637046219/>
Dhaka, Bangladesh

EDUCATION

Ahsanullah University of Science And Technology, Dhaka November 2016 – May 2021
B.Sc. in Civil Engineering, | CGPA: 2.93/4
Thesis Work: Reliability Analysis Of Rooftop Rainwater Harvesting Using Daily Water Balance For An Educational Institute.
Narayanganj Govt. Mohila College, Narayanganj June 2014 – April 2016
Higher Secondary School Certificate (HSC) | CGPA: 5/5
Narayanganj Ideal School, Narayanganj January, 2012- May, 2014
Secondary School Certificate (SSC) | GPA: 5/5

SKILLS

- **Computer Skills:** Microsoft office word, Microsoft Excel, Microsoft PowerPoint, Autodesk Autocad
- **GIS Tools:** ArcGIS
- **Design & Analysis:** Etabs, Spss.
- **Soft Skills:** Report writing, Ability to multitask, Fluent English Speaking.

PROFESSIONAL EXPERIENCE

Center for Environmental and Geographic Information Services (CEGIS), Dhaka January, 2022 – Present
Research Consultant

- o Working in the field of morphological study, hydro-morphological data analysis, GIS-related activities (such as map preparation, data generation, etc), Satellite images analysis, Report writing, Presentation making, Dredging plan report preparation.
- o Other expertise covers- extraction of different parameters from the satellite images using Arc-GIS tool, erosion-accretion prediction of the river courses, collection of primary and secondary data through field survey and analysis of hydrographic survey charts.

PROJECTS

ESIA Study for Feasibility Study for Integrated Development and Water Resources Management of Kutubdia and Matarbari Island

Client: Bangladesh Water Development Board (BWDB) | 2021 - Present

- o Shoreline Delineation, Data analysis, Map Preparation, Morphological analysis including erosion-accretion analysis, Identification of IESC (Important Environmental and Social Components), Impact Assessment, Environmental Management Plan, Attend meeting, Presentation preparation, Report writing etc.

Morphological Studies, Mathematical Model of the Twenty Four Navigation Routes

Client: Bangladesh Inland Water Transport Authority (BIWTA) | 2021 - Present

- o Data Analysis, Satellite images analysis, River bank delineation & map preparation, Report writing, Attend meeting.

Feasibility Study of Rivers of Rangpur Division for Capital Dredging

(Working as Junior Morphologist) | 2022 - Present

- o Analysis of the morphological characteristics of the rivers (average width, sinuosity, erosion-accretion analysis, bank line shifting, erosion prediction), using satellite images and google earth pro, hydrological analysis observing time-series water level and discharge data analysis, Report Writing, Map Preparation, Schematic Diagram Preparation, Dredging volume calculation, Dredging plan report preparation, EIA Report Preparation.

PUBLICATIONS

Troyee Ghosh, AbdurRazzak Zubaer, Md. Sadek Hossen, Md. Asif Hossain(2022). Reliability Analysis of Rooftop Rainwater Harvesting Using Daily Water Balance for an Educational Institute. Journal of Engineering Analysis and Design (Volume 4, Issue 01).