



Md Golam Sarwar

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Professional Summary

Motivated and dedicated Master's student in Hydraulics and Civil Engineering with a strong focus on water resources, environmental sustainability, and civil engineering. Skilled in structural design, project management, and utilizing various engineering software. Passionate about contributing to water infrastructure and sustainability challenges.

Technical SKILLS

Engineering Software:

- AutoCAD
- EPANET
- HEC-RAS (1D,2D, Mapper)
- PLAXIS
- ETABS
- STAAD-PRO
- ARCGIS

Other Software:

- MS Office Suite (Advanced)

Programming:

- Python for the data analysis and numerical modelling. (Intermediate)

Languages: Bangla (Native), English (Fluent), French (Basic)

REFERENCE

MD NAWROSE SIRAJEE

Assistant professor

European University of Bangladesh

nawrose@eub.edu.bd

Experience

Civil Engineer (November'20-June 2022)

ASM CORPORATION LIMITED/Dhaka

Duties/Responsibilities

- Engineered structural designs for water treatment facilities using AutoCAD.
- Managed project documentation and budgeting.
- Ensured water quality compliance with industry standards.
- Conducted site visits for project oversight.
- Participated in a large drinking water treatment megaproject (218m³ per hour) in Bangladesh.

Site Supervisor (February'18-October'20, Part-Time)

ECO-AID FOUNDATION

Duties/Responsibilities

- Led quality control for wastewater treatment processes.
- Managed chemical dosages and water quality standards.
- Supervised project execution and enforced safety regulations.
- Completed a three-month course in graphic design at LEDP, ICT division, Bangladesh.

EDUCATION

Masters in Hydraulics and Civil Engineering (Running M2)

École Nationale Supérieure de l'Energie, l'Eau et l'Environnement
(Grenoble INP, ENSE3)

Expected 2024

Key project: Checking water quality in Isere River, worked with 2008 flood in villerset dam (In France) and checked if it's played its vital role and Dam Break Analysis and Flood Inundation Mapping using HEC-RAS.

B.SC in Civil Engineering

European University of Bangladesh, 2021

CGPA- 3.87 (out of 4.00)

Thesis: "Lixivate Treatment from Amin Bazar Solid Waste Dump."

Professional Development

Research Programme: « Biodiversity and Climate Change », University of Grenoble Alpes. We are working with lichen and air quality specially three parameters nitrogen di-oxide, PM10, and PM2.5.