





MEHEDI HASAN

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Personal Statement

I am eager to secure a challenging academic position in a multicultural environment where I can leverage my technical acumen, interpersonal skills and my passion. With a strong foundation in environmental science and significant experience as a Programme Quality Officer at Oxfam, I have immersed myself in the complexities of natural resource management and carbon sequestration.

My academic journey has been driven by a commitment to innovative research methodologies, such as utilizing UAVs to assess natural resources and carbon dynamics. This experience, coupled with my proficiency in GIS and remote sensing, has equipped me with a robust skill set to contribute effectively to advancing knowledge in environmental sciences.

I am dedicated to pursuing a research-based. My adaptable nature, coupled with a track record of fostering collaborative efforts, positions me well to thrive in the rigorous academic environment of Natural Resource Management at the Natural Resource Analysis Center.

Career Objectives

- To secure a challenging research position in an academic or professional environment, ideally leading to a Ph.D., where I can apply my educational background and professional skills to advance knowledge and contribute to meaningful research outcomes.
- I am driven to adapt quickly and efficiently to new research roles, overcoming critical challenges by meticulously determining, planning, scheduling, and mapping solutions. I thrive under pressure, collaborating effectively with limited resources to meet rigorous deadlines and achieve high-performance outcomes.
- My goal is to become an expert researcher by immersing myself in continuous learning. I am committed to developing and leveraging my technical and creative skills to generate, organize, and execute research projects that contribute significantly to the field.

Professional Experience

Programme Quality Officer

Programme Quality and Knowledge Management (PQKM)
Climate Justice and Natural Resource Rights (CJNRR)

*April 23 - Continue
Dhaka & Remote Locations*

Oxfam in Bangladesh (OiBD)

Responsibilities:

- Co-designed, co-created, and co-facilitated community-based research with spatial data collection.
- Led Remote Sensing (RS) data collection, management, support, and analysis by Pix4D desktop, Pix4D cloud, Drone Deploy, DJI Terra, and GIS analysis through ArcGIS Pro, ArcGIS, and QGIS in the research.
- Analyzed geospatial data, created maps and reports, and utilized GIS and remote sensing skills, including operating DJI Mavic 3 Multispectral for aerial surveying and data acquisition with safety protocols.
- Facilitated surveys and interviews, FGDs, KIIs and through participatory approach (PRA) with diverse communities and governmental stakeholders and private sector stakeholders in Urban and Rural setting.
- Conducted field visits to gather data, assess project implementation, and support ecosystem restoration and natural resource management activities including developing data collection tools and managed data collection directly from the field and analyze later using various software.
- Developed write-ups for journals, op-eds and reports, and contributed to research.

- Conducted analytical write-ups including preparing analytical reports, presentations and publications.
- Conducted literature reviews and engaged in peer reviews to support project research and development.
- Supported in research on the regulations and strategy planning, advocacy for community consultations.
- Developed monitoring tools including regular carry out of monitoring and evaluation activities.
- Engage professionally and ethically in all interactions with all external stakeholders.
- Adapted to changing priorities and deadlines in a fast-paced work environment, demonstrating flexibility and resilience.

Programme Officer

Moheshkhali, Gaibandha, Kurigram, Syamnagar

Centre for Environment and Climate Change Research (CECCR)

December 2022 - April 2023

Research Assistant and Analyst

August 2022 - December 2022

Centre for Environment and Climate Change Research (CECCR)

Rangpur

Field Medical Technologist

August 2021 – March 2022

Institute of Epidemiology Disease Control and Research (IEDCR)

Dhaka

Covid Data Assistant - Field

June 2021 - August 2021

Institute of Epidemiology Disease Control and Research (IEDCR)

Dhaka

Frontline Covid Fighter (RT-CST)

January 2021 - March 2022

BRAC and co-managed and funded the Ministry of Health

Dhaka

Food Volunteer

August 2020 - December 2020

BRAC

Dhaka

Inclusion Developer (Apprenticeship of Leadership Training)

December 2019

Nippon Foundation and Japan Paralympic Committee

Tokyo, Japan

Content Developer and Creator

2020 - 2022

Freelance - Upwork, Fiverr, PeoplePerHour

Remote

Websites: Cyclisthut.com and Fishycave.com

Research Assistant

November 2018 - November 2019

Asia Arsenic Network (AAN) in collaboration with The University of Michigan, USA.

Jashore

Education Qualifications

Bachelor's in Environmental Science

Passing Year: 2021

Jashore University of Science & Technology (JUST)

Jashore, Bangladesh

Department of Environmental Science and Technology (EST)

CGPA: 3.19 out of 4.00

Higher Secondary Certificate (HSC)

Passing Year: 2016

Dhaka College

Dhaka Board

GPA: 5.00 out of 5.00

Secondary School Certificate (SSC)

Passing Year: 2014

Motijheel Govt. Boys' High School, Motijheel

Dhaka Board

GPA: 5.00 out of 5.00

Junior School Certificate (JSC)

Passing Year: 2011

Motijheel Govt. Boys' High School, Motijheel

Dhaka Board

GPA: 5.00 out of 5.00

Research Information

- ❖ “Expoling Climate Justice and Natural Resource Rights: Climate Adaptation through Community Stewardship in Ecosystem Services Restoration in Marine Protected Area.” Manuscript under review
- ❖ “Assessment of Community Stewardship over Ecosystem Services within Climate Nexus: A Pathway Towards Locally-led Adaptation in Nijhum Dwip, Bangladesh” • South Asian Climate Conference 2023
- ❖ “Anthropogenic Marine Litter Pollution Along the Coast of Sonadia Island: An Ecologically Critical Area (ECA) of Bangladesh”, March 18, 2024 • Link: doi.org/10.1016/j.rsma.2024.103690
- ❖ “Adapting to change: Exploring reverse migration as coping strategy among internal migrants in Bangladesh,” Heliyon, August 26, 2023 • Link: doi.org/10.1016/j.heliyon.2023.e19479
- ❖ Bachelor’s Thesis: “The abundance, source and analysis of Microplastic in the atmosphere of the capital Dhaka, Bangladesh,” Manuscript under review.

Additional Information

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| Training and Workshops | <ul style="list-style-type: none">▪ Completed “Global Leadership Training” as a Global Leader by Foster (NGO) from Myanmar in March 2020.▪ Completed “Global Leadership Education and Training” by e-Education in Japan, December 2019.▪ A two days residential workshop on “Key Roles of Youth and Children to Address Loss and Damage” under the Youth and Children Platform on Loss & Damage (YCPLD) by ICCCAD.▪ A week-long training on NVivo, KuboToolBox, SurveyCTO and PowerBi by Oxfam in March 24.▪ A three days training on “SPSS for Quantitative Data Analysis” by Oxfam in February 2024.▪ “A Training on the Development and Management of Tourism of Bangladesh” under the Tourism Board of Bangladesh by UN Volunteers Bangladesh in July 2022.▪ “A Training on Bio Hazard Waste Management including Hazardous sample human sample collection, Environmental Healthy Safety Management” By IEDCR in June 2021.▪ Two-day “Training of Medical Technologist for the study on Evaluation of Diagnostic Performance of SARS-Cov-2 Rapid Antigen Test at Household-Level” by IEDCR in March 2021.▪ A week-long “Training on CST - Community Support Team to Prepare Frontline Fighters to Tackle COVID - 19 by Identifying PVF (Potential Virus Fighter) and VVF (Verified Virus Fighter) by Providing Essential Support at Community Level” under BRAC and FAO in January 2021. |
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Interpersonal Skills

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| Linguistic Proficiency | <ul style="list-style-type: none">▪ Bengali: Native mother tongue both excellent in writing and speaking▪ English: Fluent in speaking, listening, reading, writing, report writing and advance in interpretation, transcription and translation to and from Bangla |
| Computer Skills | <ul style="list-style-type: none">▪ Proficient in IT and ICT including leveraging AI for transformative development in smart tools through continuous learning for the disadvantaged IT illiterate community▪ Proficient in Microsoft Office Suite especially in Word and Excel, and similar spreadsheet data entry systems and Skilled in preparing presentations through Google Slides and PowerPoint▪ Expert in KuboToolbox, SurveyCTO Operation, Data Collection and Analysis▪ Efficient in quantitative data analysis through SPSS, qualitative data analysis through NVivo▪ Expert in Data Collection, Data Sampling, Data Entry (40 - 55 words per minute typing), Analyse and Output through any prerequisite software such as PowerBi for Data visualization.▪ Proficient in data and environmental modelling through STELLA and Origin▪ Professional in Video Editing (Cinematography, Documentary, Introductory, Case Study) in Premiere Pro, After Effect and Filmora▪ Skilled in creating, manipulating, and editing Maps in ArcGIS Pro, Google Earth, and QGIS▪ Experienced and skilled in Drone Flights and safety protocols including RS software Pix4ddesktop, Pix4dcloud, Drone Deploy, DJI Terra |
| Analytical Skills | <ul style="list-style-type: none">▪ Critical thinking and brainstorming for creative solution centric mapping and pragmatic inputs▪ Efficient in writing project proposals, project design, Monitoring, Evaluation and reports |



N.B. References and additional information and documents can be provided if required.

Signature