



Mehedi Hasan

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ABOUT ME

An aspiring researcher and development professional with a Bachelor's in Environmental Science. Skilled in data-driven, evidence-based research, I have experience with organizations such as Oxfam, RSC and CECER. My research and work span climate adaptation, mitigation, resilience, ecosystem services and pollution. I seek to advance my expertise through a Master's to drive impactful environmental and climate action in Bangladesh and beyond.

WORK EXPERIENCE

2 JUN 2024 – CURRENT Dhaka, Bangladesh

REMEDIATION PROGRAMME OFFICER RMG SUSTAINABILITY COUNCIL

- Led environmental remediation initiatives ensuring compliance with sustainability standards.
- Conducted risk assessments and developed mitigation strategies for industrial pollution.
- Supported just energy transition and sustainable production practices.
- Researched climate resilience and corporate sustainability in the textile industry.
- Provided technical support to enhance environmental governance and compliance.

1 MAR 2024 – 31 MAY 2024 Dhaka, Bangladesh

PROGRAMME QUALITY OFFICER OXFAM

- Supported climate justice and natural resource rights projects.
- Conducted research on sustainability, resilience, and adaptation strategies.
- Monitored project implementation and evaluated impact on communities.
- Coordinated with stakeholders to promote policy advocacy and inclusion.
- Developed reports and data-driven insights for evidence-based decision-making.

4 OCT 2023 – 29 FEB 2024 Dhaka, Bangladesh

DEVELOPMENT TRAINEE OXFAM

- Designed and implemented community-driven policy initiatives for climate resilience.
- Integrated governance models, participatory development, and nature-based solutions.
- Collected and analyzed geospatial, environmental, and socio-economic data.
- Utilized GIS, remote sensing, and statistical tools for sustainable planning.
- Developed policy briefs and reports on climate adaptation and governance.

16 APR 2023 – 3 OCT 2023 Dhaka, Bangladesh

VOLUNTEER OXFAM

- Researched climate change, social equity, and sustainable development policies.
- Analyzed governance frameworks and policy effectiveness.
- Assisted in drafting policy recommendations for climate resilience and sustainability.
- Engaged in stakeholder consultations to inform inclusive policymaking.
- Integrated community perspectives into urban and rural development strategies.

11 DEC 2022 – 13 APR 2023 Dhaka, Bangladesh

RESEARCH COORDINATOR CENTRE FOR ENVIRONMENT AND CLIMATE CHANGE RESEARCH

- Supervised field research and developed data collection tools for climate studies.
- Ensured methodological rigor, data accuracy, and operational efficiency.
- Led strategic planning, interdisciplinary collaboration, and innovation.
- Conducted participatory, data-driven research on sustainability and resilience.
- Managed and analyzed environmental and socio-economic data using advanced tools.

- Conducted research on climate impacts on livelihoods, biodiversity, and ecosystems.
- Applied mixed-method approaches, including surveys, interviews, and spatial analysis.
- Developed research reports with policy recommendations for climate adaptation.
- Collaborated with scientists, policymakers, and communities for project success.
- Ensured inclusive and equitable implementation of sustainability initiatives.

EDUCATION AND TRAINING

18 JAN 2018 – 10 JAN 2023 Jashore, Bangladesh

BACHELOR OF SCIENCE WITH HONOURS IN ENVIRONMENTAL SCIENCE Jashore University of Science and Technology

Website just.edu.bd | **Field of study** Environmental Science | **Final grade** 3.19/4 | **Level in EQF** EQF level 6 | **National classification** 8 |

Type of credits Credit Hours | **Number of credits** 166 | **Thesis** MICROPLASTICS IN INDOOR ENVIRONMENT IN DHAKA, BANGLADESH

26 JUN 2014 – 18 AUG 2016 Dhaka, Bangladesh

HIGHER SECONDARY SCHOOL CERTIFICATE Dhaka College

Website dhakacollege.edu.bd/ | **Field of study** Science | **Final grade** 5.00 | **Level in EQF** EQF level 5

1 JAN 2012 – 17 MAY 2014 Dhaka, Bangladesh

SECONDARY SCHOOL CERTIFICATE Motijheel Govt. Boys' High School

Website <https://www.mgbhs.edu.bd/> | **Field of study** Science | **Final grade** 5.00

1 JAN 2007 – 28 DEC 2011 Dhaka, Bangladesh

JUNIOR SCHOOL CERTIFICATE Motijheel Govt. Boys' High School

Website <https://www.mgbhs.edu.bd/> | **Final grade** 5.00

25 FEB 2020 – 4 MAR 2020 Yangon, Myanmar/Burma

LAMP GLOBAL LEADERSHIP TRAINING Foster

1 NOV 2019 – 14 DEC 2019 Tokyo, Japan

LAMP GLOBAL LEADERSHIP EDUCATION e-Education

19 NOV 2024 – 21 NOV 2024 Dhaka, Bangladesh

TRAINING OF TRAINERS (TOT) ON HUMAN RIGHTS & ENVIRONMENTAL DUE DILIGENCE GIZ

6 OCT 2024 – 9 OCT 2024 Dhaka, Bangladesh

YOUNG NEGOTIATOR PROGRAMME: CLIMATE DIPLOMACY CAPACITY BUILDING WORKSHOP GAIN

6 JUN 2024 – 20 JUN 2024

EARTH OBSERVATIONS FOR HUMANITARIAN APPLICATIONS NASA's Applied Remote Sensing Training (ARSET)

24 MAY 2024 – 25 MAY 2024 Dhaka, Bangladesh

KEY ROLES OF YOUTH AND CHILDREN TO ADDRESS LOSS AND DAMAGE UNDER THE YOUTH AND CHILDREN PLATFORM ON LOSS & DAMAGE International Centre for Climate Change and Development

15 AUG 2021 – 26 MAR 2022 Dhaka, Bangladesh

TRAINING FOR COMMUNITY SUPPORT TEAM ON COVID-19 PREVENTION Ministry of Health and Family Welfare

1 FEB 2020 – 25 FEB 2020

CLIMATE CHANGE IN PRACTICE Global Citizenship Education

PUBLICATIONS

2024

Exploring Climate Justice and Natural Resource Rights: Climate Adaptation through Community Stewardship in Ecosystem Services Management in MPA.

2024

Anthropogenic Marine Litter Pollution Along the Coast of Sonadia Island: An Ecologically Critical Area (ECA) of Bangladesh

July 10, 2024 | Regional Studies of Marine Science

2023

Assessment of Community Stewardship over Ecosystem Services within Climate Nexus: A Pathway Towards Locally-led Adaptation in Nijhum Dwip, Bangladesh

18 November 2023 | South Asian Climate Conference 2023

2023

Adapting to change: Exploring reverse migration as coping strategy among internal migrants in Bangladesh

August 26, 2023 | Heliyon

LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING	SPEAKING	WRITING		
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	C1	B2

DIGITAL SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | IBM Statistical package for Sciences (SPSS) | Qualitative data analysis (Nvivo) | Visual Analytics Tools: Tableau, PowerBI | ArcGIS Desktop/Pro (advanced) | QGIS (Advanced level) | Geographical Informational Systems (GIS) | Stata (Software for Statistics and Data Science) | Python Language - Basic knowledge | Html, Java, CSS | XLSForms (ODK, Kobocollect, SurveyCTO)

PROJECTS

2 JUN 2024 – CURRENT

Just Energy Transition in the Industries of Bangladesh (JET)

Analyzed renewable energy policies for solar adoption in RMG sector, recommending policies for a just energy transition.

1 MAR 2024 – 31 MAY 2024

Empowering Women through Civil Society Actors (EWCSA) funded by EU

OCT 2023 – MAY 2024

Loss and Damage funded by Sida

Created a participatory map highlighting irrigation challenges in Barind, documenting loss, damage, and empowering farmers.

16 APR 2023 – 31 MAY 2024

Transboundary Rivers of South Asia (TROSA) Funded by Swedish Sverige

14 APR 2023 – 29 FEB 2024

Climate Adaptation through Community Stewardship in Ecosystem Services Restoration and Management (CACS)

Developed data collection research tools, conducted field data collection, and applied GIS, RS for sustainable forest management.

16 APR 2023 – 29 FEB 2024

Blue Economy and Inclusive Development for Climate Justice (BID4CJ) funded by Australian Aid

4 OCT 2023 – 29 FEB 2024

Gender and Climate Justice: Impacts of Environmental Policy on Women

Analyzed environmental policies' gendered impact through interviews and reports, providing gender-responsive briefs.

4 AUG 2023 – 29 FEB 2024

Climate Risk Insurance (CRI) funded by FAO

Implemented climate threshold-based insurance in northern Bangladesh, collecting evidence and advocating loss-and-damage.

Participatory Research with marginalized fisherfolk community in collaboration with Monash University Australia.

1 JUL 2023 – 31 DEC 2023

Youth-Led Climate Initiatives in the Asia-Pacific Region

Mapped youth-led climate initiatives in Asia-Pacific, publishing insights to enhance youth participation in climate negotiation.

1 JUN 2022 – 8 DEC 2022

Assessment of Indigenous Knowledge and Technology Used for Climate Adaptation and Resilience in Bangladesh

Assessed indigenous knowledge and technologies for Bangladesh's climate adaptation, integrating traditional practices into policies.

15 AUG 2021 – 26 MAR 2022

The Study on Evaluation of Diagnostic Performance of SARS-CoV-2 Rapid Antigen Test at Household-Level

Assessed SARS-CoV-2 rapid antigen test accuracy in households to enhance diagnostic strategies for pandemic control.

HONOURS AND AWARDS**Climate Change Ambassador Award – YounGO**

Acknowledged for leadership in youth-led initiatives in climate advocacy and action at the national level.

18 JAN 2024

Rising Star Award – OXFAM

Awarded for outperforming and consistent high performer for the fiscal year 2023 at Oxfam in Bangladesh

1 JAN 2023

Best Dissertation Award – Jashore University of Science and Technology

Awarded for the best dissertation of the session 2017-18 in the Department of Environmental Science and Technology at Jashore University of Science and Technology.

18 OCT 2022

Bangladesh Poribeshbid Society Research Scholarship – Bangladesh Poribeshbid Society

Awarded to support the bachelor's dissertation

2021

Runner-up at Inter-University Poster Presentation Competition

Won 2nd place in the inter-university poster presentation in "Environmental Innovative Solution" Category

2021

Dr M. N. Khan Scholarship – Department of Applied Science, Jashore University of Science and Technology

Awarded to support the BSc degree pursued at Jashore University of Science and Technology

VOLUNTEERING

1 MAY 2022 – 31 MAY 2022 Jashore

Organizer and Coordinator "Sapling in Exchange of Plastic"

- Organized an advocacy activity on plastic waste with Jashore City Corporation.
- Conducted a plastic exchange programme, offering samples in return for plastic waste.
- Engaged volunteers to manage the month-long programme.
- Successfully collected 15 tonnes of plastic waste.

15 AUG 2021 – 26 MAR 2022 Dhaka

Field Medical Technologist

- Supervised COVID-19 sample collection while upholding ethical values.
- Managed and guided team members in challenging scenarios.
- Ensured environmental safety and compliance with social standards.
- Handled, maintained, and monitored COVID-19 sampling kits.
- Evaluated the performance of Rapid Antigen Test Kits.

- Managed and verified data using the Kubo Toolbox.
- Conducted data analysis for RAT and RT-PCR tests.
- Prepared and submitted analytical reports.
- Ensured proper biohazard waste management.

1 JUN 2021 – 12 AUG 2021 Dhaka

Covid Sample Assistant - Field

- Conducted field research during the COVID-19 RAT Kit Research Phase I & II to assess accuracy and feasibility.
- Collected COVID-19 samples and verified data from over 1,000 participants across Dhaka.
- Coordinated transport of samples to the IEDCR Lab for RT-PCR testing.
- Ensured kit quality by identifying errors, inconsistencies, and faults.
- Used provided apps for data collection and ensured flawless data submission via Kubo Toolbox.
- Prepared and submitted detailed audit reports to coordinators and IEDCR, highlighting key findings and issues.

1 JAN 2021 – 26 MAR 2022 Dhaka South City Corporation, Ward no. 1,2,3,4,5,6, 73,74.

Frontline Covid Fighter (RT-CST)

- Conducted household surveys to identify potential COVID-19 cases and provided appropriate responses.
- Supported follow-ups with Potential Virus Fighters (PVF) and Verified Virus Fighters (VVF).
- Identified households and PVFs using data from 999 and 333.
- Organized confidential COVID-19 sample collection at the household level.
- Regularly monitored VVFs to ensure timely aid delivery.
- Assisted marginalized and vulnerable groups, including pregnant women and the elderly.
- Safely transported VVFs to specialized COVID-19 hospitals for emergency care.

1 AUG 2020 – 31 DEC 2020 Dhaka

Food Volunteer

- Supplied nutritional supplements and daily necessities to COVID-positive households.
- Distributed food packages, hygiene kits, masks, and sanitizers while adhering to safety protocols.
- Facilitated improved access to healthcare for early detection and treatment of malnutrition among Dhaka's poor.
- Coordinated with local authorities and community leaders to efficiently support beneficiaries.
- Raised awareness and educated beneficiaries on COVID-19 prevention and control measures.

1 DEC 2019 – 31 DEC 2019 Tokyo, Japan

Inclusion Developer

- Collaborated with a multidisciplinary team to design and implement the Learn Act Make Programme (LAMP) for Japan Paralympic 2020, promoting inclusivity and participant engagement.
- Identified gaps in Tokyo's systems and environments for the disabled and proposed design modifications.
- Managed documentation, written communication, and social media marketing for Para-sports initiatives.

1 APR 2010 – 31 MAY 2010 Dhaka

Volunteer for South Asian Games Dhaka 2010

RECOMMENDATIONS

Dr. Gopal Chandra Ghosh Thesis Supervisor

I have completed my bachelor's thesis under the supervision of Dr. Gopal Chandra Ghosh.

Email gopal@just.edu.bd | Phone (+880) 1760115579

Asaduzzaman Hridoy Co-worker

My co-worker at RSC, is well-acquainted with my professional skills, experience, leadership and contributions to team performance.

Email asaduzzaman.hridoy@rsc-bd.org | Phone (+880) 1775155658

Additional documents are available upon request. All information provided is accurate to the best of my knowledge.



Mehedi Hasan