



## Mehedi Hasan

**Date of birth:** 2 Dec 1999 | **Nationality:** Bangladeshi | **Gender:** Male | **Phone number:**

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### ABOUT ME

As an aspiring environmental science graduate, I am eager to address global challenges at the environment, water-energy, climate change nexus and human environment conflict. My experience with organizations like RSC, OXFAM, IEDCR and BRAC has honed my skills in sustainable natural resource management, ecosystem services recovery, environmental systems analysis, community-driven solutions and development.

### WORK EXPERIENCE

2 JUN 2024 – CURRENT Dhaka, Bangladesh

**REMEDIATION PROGRAMME OFFICER** RMG SUSTAINABILITY COUNCIL (RSC)

- Design and implement strategies for sustainable water and energy management, ensuring alignment with environmental policies and compliance with international standards.
- Conduct comprehensive system evaluations, analyze environmental and resource data, and provide actionable recommendations to optimize sustainability practices and resource recovery.
- Identify and mitigate water quality risks, assess the performance of treatment systems, and track advancements in resource recovery to support circular economy initiatives.
- Promote sustainable practices and foster collaboration across water, energy, and environmental sectors, with a focus on equitable energy transitions.
- Facilitate multi-stakeholder policy dialogues and capacity-building workshops to drive green skills development, enhance local resilience, and ensure social justice for vulnerable communities, including RMG workers.
- Support industry stakeholders in navigating energy transition pathways through partnerships with donors and development organizations, integrating innovative climate solutions.
- Lead impactful campaigns and initiatives for climate solutions and resource recovery technologies, ensuring alignment with sustainable development goals and inclusivity principles.

**Business or Sector** Human health and social work activities | **Department** Remediation Programme Department |

**Email** [mehedi.hasan1@rsc-bd.org](mailto:mehedi.hasan1@rsc-bd.org) | **Website** [rsc-bd.org](http://rsc-bd.org)

1 MAR 2024 – 31 MAY 2024 Dhaka, Bangladesh

**PROGRAMME QUALITY OFFICER** OXFAM

- Facilitated strategic partnerships by identifying capacity gaps, evaluating risks, and implementing effective mitigation strategies to ensure sustainable collaboration.
- Conducted strategic partnership assessments, including piloting Oxfam's newly developed CAPAS tool, and led the evaluation of 15 partnerships using manual assessment methodologies by coordinating and guiding cross-functional teams.
- Supported activities aligned with the Sustainable Development Goals (SDGs), such as ecosystem restoration, natural resource management, disaster risk reduction, and livelihood diversification, through active engagement with local communities and stakeholders.

**Business or Sector** Human health and social work activities | **Department** Gender Justice and Social Inclusion | **Email** [mehhasan@oxfam.org.uk](mailto:mehhasan@oxfam.org.uk) |

**Website** [www.oxfam.org/en/what-we-do/countries/bangladesh](http://www.oxfam.org/en/what-we-do/countries/bangladesh)

4 OCT 2023 – 29 FEB 2024 Dhaka, Bangladesh

**DEVELOPMENT TRAINEE** OXFAM

- Co-designed, co-created, co-built and co-facilitated community-based approaches to promote diversity, inclusion, and local engagement in sustainable development initiatives.
- Leveraged expertise in operating drones, including the DJI Mavic 3 Multispectral, for real-time remote sensing, aerial surveying, and data acquisition, adhering to safety protocols.
- Collected, managed, and analyzed remote sensing (RS) data using tools such as Pix4ddesktop, Pix4dcloud, Drone Deploy, DJI Terra, and GIS software including ArcGIS Pro, ArcGIS, and QGIS, for advanced research mapping and environmental

monitoring. Prepared comprehensive analytical reports, presentations, and publications to communicate findings and support evidence-based decision-making.

**Business or Sector** Human health and social work activities | **Department** Climate Justice and Natural Resource Rights |

**Email** [mehhasan@oxfam.org.uk](mailto:mehhasan@oxfam.org.uk) | **Website** [www.oxfam.org/en/what-we-do/countries/bangladesh](http://www.oxfam.org/en/what-we-do/countries/bangladesh)

16 APR 2023 – 3 OCT 2023 Dhaka, Bangladesh

**VOLUNTEER OXFAM**

- Facilitated surveys, interviews, FGDs, and KIs using participatory approaches (PRA) with diverse communities, government stakeholders, and private sector actors in urban and rural contexts.
- Conducted analytical research and developed reports, presentations, and publications to guide strategic decision-making and policy development.
- Supported research on regulations, strategic planning, and advocacy efforts to foster inclusive community consultations and sustainable development initiatives.
- Maintained accurate financial and budgetary records, preparing detailed project status reports to ensure transparency and accountability.
- Coordinated administrative and logistical tasks, effectively supporting the seamless execution of programme activities.

**Business or Sector** Human health and social work activities | **Department** Climate Justice and Natural Resource Rights |

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11 DEC 2022 – 13 APR 2023 Dhaka, Bangladesh

**RESEARCH COORDINATOR CENTRE FOR ENVIRONMENT AND CLIMATE CHANGE RESEARCH (CECCR)**

- Supervised field activities, designed data collection tools, and directly managed operations on-site to ensure efficient execution and data accuracy.
- Demonstrated leadership in communication, strategic planning, and fostering innovation within team environments.
- Led participatory, data-driven, and goal-focused collaborative R&D initiatives to achieve impactful and sustainable outcomes.
- Managed and analyzed data using advanced tools, including MIS, KuboToolbox, SurveyCTO, SPSS, and NVivo, to support evidence-based decision-making and research objectives.

**Business or Sector** Professional, scientific and technical activities | **Department** Climate Change Research | **Website** <https://ceccr.gov.bd/>

1 JUL 2022 – 8 DEC 2022 Dhaka, Bangladesh

**RESEARCH ASSISTANT AND ANALYST CENTRE FOR ENVIRONMENT AND CLIMATE CHANGE RESEARCH (CECCR)**

- Conducted field research and foresight exercises to assess the impact of climate change on the occurrence and distribution of animal diseases and mortality in smallholder farming systems in Rangpur, Bangladesh.
- Ensured accurate data collection and analysis from surveys, interviews, focus group discussions, and secondary sources, applying both quantitative and qualitative methodologies.
- Prepared and delivered comprehensive research findings, results, and field reports to the project leader and stakeholders, ensuring clarity and actionable insights.
- Collaborated with a multidisciplinary team of researchers, veterinarians, extension workers, and local community members, maintaining accountability to project participants with a strong focus on gender equity.

**Business or Sector** Professional, scientific and technical activities | **Department** Climate Change Research | **Website** <https://ceccr.gov.bd/>

## ● 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

- Water and wastewater treatment
- Environmental microbiology and biotechnology
- Environmental impact assessment and modeling
- Climate change adaptation and disaster management
- Integrated water resource management
- Environmental pollution, hydrology, and chemistry
- Waste management and industrial pollution control
- GIS, remote sensing, and environmental data analysis
- Biodiversity conservation and sustainable development
- Environmental ethics, protocols, and laws

**Website** <https://just.edu.bd/> | **Field of study** Environmental Science | **Final grade** 3.19 | **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

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

Dhaka, Bangladesh  
**SECONDARY SCHOOL CERTIFICATE (SSC)** Motijheel Govt. Boys' High School

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

Dhaka, Bangladesh  
**JUNIOR SCHOOL CERTIFICATE (JSC)** 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 (HREDD)** 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 (YCPLD)** International Centre for Climate Change and Development (ICCCAD)

15 AUG 2021 – 26 MAR 2022 Dhaka, Bangladesh  
**THREE-DAY 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** GCED

**PUBLICATIONS**

2024  
**Exploring Climate Justice and Natural Resource Rights: Climate Adaptation through Community Stewardship in Ecosystem Services Management in MPA.**

Ocean & Coastal Management | Manuscript under review

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

1 JUN 2024 – CURRENT

Just Energy Transition in the Industries of Bangladesh (JET) funded by TARA foundation

Analyzed renewable energy policies, focusing on solar and wind adoption in Dhaka’s RMG sector, providing recommendations for policymakers, ensuring employment to the impacted through transition and green job skill trainings.

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

Build a participatory map for documenting the various loss and damage responses across Bangladesh. By engaging local communities, especially farmers in the Barind tract and identifying specific challenges they face regarding agricultural irrigation. Fostered solutions that empower 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) funded by OXFAM Hong Kong (OHK)

Developed research frameworks and tools for field data collection, followed by GIS and RS analysis, leading to sustainable forest resource 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

Assessed the gendered impact of environmental policies through interviews and reports, offering gender-responsive climate recommendations for international forums.

4 AUG 2023 – 29 FEB 2024

Climate Risk Insurance (CRI) funded by FAO

Implemented climate threshold-based agricultural risk insurance in vulnerable regions of northern Bangladesh. Key activities included collecting digital evidence to assess the effectiveness of this insurance model and advocating for policies addressing loss and damage due to climate impacts.

1 JUN 2023 – 29 FEB 2024

Participatory Research and Ownership with Technology, Information and Change (PROTIC)

Participatory Research and Ownership with Technology, Information and Change (PROTIC) 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 the Asia-Pacific through surveys and interviews, publishing insights to boost youth participation in climate policy.

1 JUN 2022 – 8 DEC 2022

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

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Evaluated indigenous knowledge and technologies for climate adaptation in Bangladesh, highlighting traditional resilience strategies in national adaptation frameworks.

15 AUG 2021 – 26 MAR 2022

### **Medical Technology for the Study on Evaluation of Diagnostic Performance of SARS-Cov-2 Rapid Antigen Test at Household-Level.**

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Evaluated the diagnostic performance of SARS-CoV-2 rapid antigen tests in households, contributing to improved diagnostic approaches for pandemic management.

## **HONOURS AND AWARDS**

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### **Climate Change Ambassador Award – YounGO**

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

18 JAN 2024

### **Rising Star Award – OXFAM**

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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**

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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**

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Awarded to support the bachelor's dissertation

2021

### **Runner-up at Inter-University Poster Presentation Competition**

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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**

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

## **VOLUNTEERING**

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1 MAY 2022 – 31 MAY 2022 Jashore

### **Organizer and Coordinator "Sapling in Exchange of Plastic"**

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

15 AUG 2021 – 26 MAR 2022 Dhaka

### **Field Medical Technologist**

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- 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**

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- 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)

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- 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

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- 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

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- 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

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### RECOMMENDATIONS

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**Dr. Gopal Chandra Ghosh** Thesis Supervisor

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I have completed my bachelor's thesis, "Microplastics In Indoor Environment in Dhaka, Bangladesh," under the supervision of Dr. Gopal Chandra Ghosh.

Email [gopal@just.edu.bd](mailto:gopal@just.edu.bd) | Phone (+880) 1760115579

**Asaduzzaman Hridoy** Co-worker

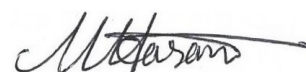
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Asaduzzaman Hridoy, my co-worker at my current organization, is well-acquainted with my professional skills, experience, leadership abilities, and contributions to team performance.

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

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



Mehedi Hasan