

Dibash Deb

Address: 102, Chayabithi, Baghmara, Vatikashor, Mymensingh-2200, Bangladesh

Contact: +8801717110268 | Email: dibashdeb.ocean@std.cu.ac.bd | Profiles: [LinkedIn](#) [ResearchGate](#) [Twitter](#)

ACADEMIC QUALIFICATION:

- **MS in Oceanography (10 August 2022 to date)**
Department of Oceanography, Faculty of Marine Sciences and Fisheries (FMSF), University of Chittagong, Chattogram-4331, *Result: Result pending* (Thesis appeared)
Thesis: *Oceanic-Meteorological Process: WRF Model Study on Tropical Cyclone Mocha's Cyclogenesis and Coastal Impacts in Bangladesh.*
- **BSc in Oceanography (Passing Year-2023)**
Department of Oceanography, Faculty of Marine Sciences and Fisheries (FMSF), University of Chittagong, Chattogram-4331, *Result: 3.86 out of 4.0 (Position: 1st)*

RESEARCH AND WORK EXPERIENCE:

- **Research Assistant (April 2024 to date)-Center for Sustainable Development (CSD), University of Liberal Arts Bangladesh, Dhaka.**
 - Prepare research design and questionnaire for Interview Schedule, FGDs, KIIs, PRA and Case studies
 - Performing data collection from the field and analysis
 - Manuscript writing
- **Research Assistant (January 2021 to January 2024)-Coastal Ocean Observation and Prediction Laboratory (COOPL), University of Chittagong.**
 - Acted as a data analyst and analyzed data using Excel, SPSS, Python, NVivo, and ArcGIS.
 - Managed lab, guided new research students, and trained them on several statistical software and report writing.
 - Performed physico-chemical parameters testing of water such as pH, turbidity, BOD, COD, dissolved oxygen, alkalinity, hardness, and soil test using sieve analysis.

RESEARCH ARTICLE PUBLICATIONS:

- **Deb, D.,** Uddin, M. M., Kibria, A. S. M., Das, M. K., and Hasan, M., (2024). Coastal Vulnerability Assessment to Multi Hazards in The Exposed Coast of Southeastern Coastal Region of Bangladesh. *Regional Studies in Marine Science*, 103484. DOI: <https://doi.org/10.1016/j.rsma.2024.103484>
- Mozumder, M. M. H., Schneider, P., Islam, M. M., **Deb, D.**, Acharjee, M. R., & Washi, A. M. J. (2024). Bridging the gap: enhancing socio-ecological resilience by breaking the debt cycle among small-scale hilsa fishers in Bangladesh. *Maritime Studies*, 23(1), 10. DOI: <https://doi.org/10.1007/s40152-024-00355-3>
- Mozumder, M. M. H., Schneider, P., Mahmudul Islam, M., **Deb, D.**, Hasan, M., Monzer, M. A., & Nur, A. A. (2023). Climate change adaptation strategies for small-scale Hilsa fishers in the coastal area of Bangladesh: social, economic, and ecological perspectives. *Frontiers in Marine Science*, 10, 1151875. DOI: <https://doi.org/10.3389/fmars.2023.1151875>
- Mozumder, M. M. H., Uddin, M. M., Schneider, P., **Deb, D.**, Hasan, M., Saif, S. B., & Nur, A. A (2023). Governance of Illegal, unreported, and unregulated (IUU) fishing in Bangladesh-status, challenges, and potentials. *Frontiers in Marine Science*, 10, 1150213. DOI: <https://doi.org/10.3389/fmars.2023.1150213>

- Uddin, M. M., Schneider, P., **Deb, D.**, Hasan, M., Ahmed, T., Mim, S. S., & Mozumder, M. M. H. (2022). Impacts, Diversity, and Resilience of a Coastal Water Small-Scale Fisheries Nexus during COVID-19: A Case Study in Bangladesh. *Water*, 14(8), 1269. DOI: <https://doi.org/10.3390/w14081269>
- **Deb, D.**, Schneider, P., Dudayev, Z., Emon, A., Areng, S. S., & Mozumder, M. M. H. (2021). Perceptions of urban pollution of river dependent rural communities and their impact: A case study in Bangladesh. *Sustainability*, 13(24), DOI: <https://doi.org/10.3390/su132413959>

RESEARCH ARTICLE UNDER REVIEW/ IN PREPARATION:

- Hasan, M., Uddin, M. M., Kibria, A. S. M., Das, M. K., and **Deb, D.**, (2024). A GIS-based integrated study assessing the socio-physical vulnerability of the south-central and south-western coastal regions of Bangladesh. *GeoJournal* [GEJO-D-24-00257]. (Under Review)
- Investigating the seasonal variation of trace metal concentration in fish and shellfish species of Passur River Estuary, Bangladesh in the *Journal of NOAMI of National Oceanographic and Maritime Institute (NOAMI)*.

ONGOING RESEARCH PROJECT:

- A Comprehensive Assessment of the Vulnerability and Diminution of Marine Biodiversity in Response to Climate Change in Coastal Regions of Bangladesh. (Principal Investigator: Dr. Samarendra Karmakar)

PARTICIPATED IN TRAINING/ WORKSHOP/ CONFERENCE:

- **BCSIR Congress 2023**- Three days two days long conference held on 08-10 April, 2024 organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh.
- **International Conference on Oceanography (ICO-2024)**- Two days long conference held on 27-28 January 2024 organized by Bangladesh Oceanographic Research Institute, Bangladesh.
- **11th International Perspectives on Water Resources and the Environment (IPWE) Conference 2023**- 3-days long conference co-organized by The Environmental & Water Resources Institute of the American Society of Civil Engineers (ASCE-EWRI) and Bangladesh University of Engineering and Technology (BUET-IWFM), was held on 04-06 June 2023.
- **Workshop on Gender, Non-migration, and Climate Change Workshop**- Day-long training session organized by Utrecht University and the International Centre for Climate Change and Development (ICCCAD) in May 2023.
- **Qualitative Methods Workshop for Transport and Mobility Research**- Day-long workshop on several qualitative methods for research organized by URP-BUET and EQUIMOB project in May 2023.
- **Training on Participatory GIS**- Three days long training session organized by West Virginia University through its YouthMappers program in January 2019.
- **South Asian (Regional) River Camp 2019**- Seven days long training organized by Oxfam in Bangladesh, Center for Natural Resource Studies (CNRS), and Gana Unnayan Kendra (GUK) in June 2019.
- **Symposium on Advances in Coastal Research with special reference to Indo Pacific- 2019 (AdCoRe IP 2019)** - Three days long symposium held on 17-19 December 2019 organized by the National Centre for Coastal Research (NCCR), Ministry of Earth Sciences, Government of India in collaboration with Research and Information System for Developing Countries (RIS).
- **Workshop on Know Your River: Youth Researcher's Workshop** – Three days long workshop hosted by the Center for Natural Resources Studies through the TROSA project in May 2018.

ACHIEVEMENTS AND AWARDS:

Academic Award

- **National Science and Technology (NST) Fellowship**- on *MS Thesis* (2023).

- **Award of Excellence/Honors Scholarship-** for securing 1st position in the Bachelor of Science exam (2019).
- **Education Board Scholarship - General Grade scholarship in Higher Secondary School Certificate (HSC)** Examination was awarded by the Ministry of Education, Bangladesh (2014).
- **Education Board Scholarship- General Grade scholarship in Secondary School Certificate (SSC)** Examination was awarded by the Ministry of Education, Bangladesh (2012).

Research Grant

- **MoST Special Research Grant (SRG) for the fiscal year 2023-2024-** achieved as a Research assistant and awarded by the Ministry of Science and Technology (MoST), Bangladesh.
- **Young Water Leader Fellowship 2019 and Young Research Fellowship 2020-** awarded by Transboundary Rivers for Our Sustainable Advancement (TROSA) project of Oxfam and guided by the Center for Natural Resource Studies (CNRS).

Photography competition

- **People's Choice Award Winner-** 4th Mangrove Action Project Photography Contest 2018 organized by Mangrove Action Project (MAP) in October 2018.

LEADERSHIP & EXTRA-CURRICULAR EXPERIENCES:

- **Youth Committee Member-** Asia Marine Educators Association (AMEA) (Duration: 2022 to date)
- **Student Coordinator-** South Asian Meteorological Association (SAMA) (Duration: 2023 to date)
- **Student Advisor-** Chittagong University Scientific Society YouthMappers (Duration: 2022 to date)
- **Organizer-** 2nd Chittagong Science Carnival-2022 (Participants: 1000+ students and professionals)
- **President-** Chittagong University Scientific Society (Duration: 2020-21)
- **National Coordinator-** Global Youth Biodiversity Network (GYBN) (Duration: 2020-21)
- **Organizer-** 1st Chittagong Science Carnival-2019 (Participants: 1000+ students, professionals from all over the country).
- **Organizer-** Movement for Climate Justice and Better World: March for Climate- 2019 (Participants: 100+ students from different departments of the University of Chittagong)
- **Organizer-** International Earth Day 2018: Clean Campus Green Campus at the University of Chittagong. (Attendee: 450+ people).
- **Co-founder-** Octophin (Established: 2021)
- **Cadet Sergeant-** Bangladesh National Cadet Corps (Naval wing) (Duration 2017-19)
- **Founding and Executive Member-** Blue Green Foundation Bangladesh (Duration: 2016-18)
- **Volunteer-** Center for Natural Resource Studies (CNRS) (Feb 2018 to date)

OTHER QUALIFICATIONS:

- **Computer Skills:** Microsoft Office (Word, PowerPoint, Excel), Graphic design (Illustrator, Canva), Video Editing, Basic Weather Research and Forecasting (WRF) Model, NVivo, SPSS, Python programming.
- **Communication Skills:** Decision making, public speaking, Influencing, Team management.
- **Language Proficiency:** IELTS score - 7.0 (Speaking-7.5, Reading-7.0, Listening-7.0, Writing-6.0)