



## Md Sohel Parvez

**Home** : Campus Hotel, Building-B, Kassai Ut. 26, 4028, Debrecen, Hungary

**Email:** [sohel@nstu.edu.bd](mailto:sohel@nstu.edu.bd) **Phone:** (+36) 707503816

**Website:** [https://scholar.google.com/citations?user=\\_5X-oZEAAA&hl=en](https://scholar.google.com/citations?user=_5X-oZEAAA&hl=en)

**Website:** [https://www.researchgate.net/profile/Md-Parvez?ev=hdr\\_xprf](https://www.researchgate.net/profile/Md-Parvez?ev=hdr_xprf)

**Nationality:** Bangladeshi

### WORK EXPERIENCE

*Doctoral School of Biology and Environmental Sciences, University of Debrecen*

**City:** Debrecen | **Country:** Hungary

[ 23/08/2021 – Current ] **Ph.D. Candidate**

*Department of Oceanography, Noakhali Science and Technology University*

**City:** Noakhali | **Country:** Bangladesh

[ 05/01/2019 – Current ] **Assistant Professor**

*Department of Oceanography, Noakhali Science and Technology University*

**City:** Noakhali | **Country:** Bangladesh

[ 19/11/2017 – 04/01/2019 ] **Lecturer**

*National Oceanographic Research Institute Project*

**City:** Cox's Bazar | **Country:** Bangladesh

[ 30/06/2014 – 18/11/2017 ] **Scientific Officer**

### EDUCATION AND TRAINING

[ 23/08/2021 – Current ] **PhD, Doctoral School of Biology and Environmental Sciences**

*University of Debrecen*

**Address:** University of Debrecen, Egyetem tér 1., 4032, Debrecen, Hungary |

[ 03/07/2012 – 29/11/2014 ] **Master of Science (MS), Oceanography**

*Department of oceanography, University of Dhaka*

**Address:** Department of Oceanography, Dhaka University Campus, 1000, Dhaka, Bangladesh |

[ 31/12/2009 – 30/07/2011 ] **Master of Science (MS), Marine Science**

*Institute of Marine Sciences, University of Chittagong*

**Address:** Institute of Marine Sciences, University of Chittagong, University of Chittagong, 4331, Chittagong, Bangladesh |

[ 03/04/2004 – 12/2009 ] **Bachelor of Science with honor's (BSc. Hon's), Marine Science**

*Institute of Marine Sciences, University of Chittagong*

**Address:** Institute of Marine Sciences, University of Chittagong, 4331, Chittagong, Bangladesh |

[ 25/04/2022 – 29/04/2022 ] **AQUACOSM-plus Spring School**

*AQUACOSM-plus research consortium and Hun-REN Centre for ecological research, Hungary*

**City:** Budapest | **Country:** Hungary |

[ 02/07/2018 – 07/07/2018 ] **UNESCO-IOC/WESTPAC training course on Ocean Forecast System**

*UNESCO-IOC regional training research center on ocean dynamics and climate*

City: Qingdao | Country: China |

[ 25/06/2018 – 30/06/2018 ] **CLIVAR-FIO Summer Course on Past, Present and Future Sea Level Changes**  
*Climate & Ocean - Variability, Predictability, & Change (CLIVAR) & First Institute of Oceanography*

Address: First Institute of Oceanography (FIO), Qingdao, China |

[ 12/06/2017 – 23/06/2017 ] **UNESCO-IOC/WESTPAC training course on Development of Coupled Regional Ocean Models**

*UNESCO-IOC regional training research center on ocean dynamics and climate*

City: Qingdao | Country: China |

[ 07/09/2015 – 18/09/2015 ] **UNESCO-IOC/WESTPAC training course on Climate Change**  
*UNESCO-IOC regional training research center on ocean dynamics and climate*

City: Qingdao | Country: China |

[ 12/10/2014 – 18/10/2014 ] **Coastal and ocean processes in the Bay of Bengal in a changing climate and their impacts on society**

*Nansen-Bangladesh International Centre for Coastal, Ocean and Climate Studies (NABIC)*

City: Cox's Bazar | Country: Bangladesh |

## HONOURS AND AWARDS

[ 15/07/2021 ] **Stipendium Hungaricum Scholarship** Awarding institution: Government of Hungary

[ 08/06/2021 ] **Chinese Government Scholarship** Awarding institution: Chinese Scholarship Council (CSC), Chinese Government

[ 17/09/2015 ] **Best trainee award at UNESCO-IOC/WESTPAC training course on Climate Change held in First Institute of Oceanography, Qingdao, China, in 7-18 Sep. 2015**  
Awarding institution: UNESCO-IOC/WESTPAC and First Institute of Oceanography, China

[ 09/07/2010 ] **National Science Information and Communication Technology Fellowship (for MS Research) Awarding institution:** Awarded by Ministry of Science, Information and Communication Technology, Govt. of Bangladesh

[ 19/01/2011 ] **Chittagong University Scholarship for excellence in Bachelor Program, University of Chittagong, Bangladesh**  
Awarding institution: University of Chittagong, Bangladesh

## PUBLICATIONS

[ 2025 ] **Elemental analysis in the scales of commercially important coastal fishes and their connections with fish feeding habits and habitats**  
Link: <https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2025.1546313/abstract>

[ 2025 ] **Assessment of anthropogenic activities impact based on metals in soil and tree leaves along roadside in Bangladesh**  
Link: <https://www.nature.com/articles/s41598-025-91683-9>

[ 2025 ] **Fish Scales as a Non-Invasive Method for Monitoring Trace and Macroelement Pollution**  
Link: <https://www.mdpi.com/2079-7737/14/4/344>

[ 2025 ] **Pharmaceuticals and Microplastics in Aquatic Environments: A Comprehensive Review of Pathways and Distribution, Toxicological and Ecological Effects**  
Link: <https://www.preprints.org/manuscript/202503.1194/v1>

- [ 2025 ] **Identification of the potential locations for land reclamation in the meghna estuary of Bangladesh using the remote sensing technique**  
Link: <https://sjst.psu.ac.th/journal/47-1/6.pdf>
- [ 2024 ] **Accumulation of Microplastics and Potentially Toxic Elements in Plant Leaves Along an Urbanization Gradient in Bangladesh**  
Link: <https://www.mdpi.com/2305-6304/12/12/848>
- [ 2024 ] **Role of Microplastics in Global Warming and Climate Change: A Review**  
Link: <https://link.springer.com/article/10.1007/s11270-024-07003-w>
- [ 2024 ] **Investigation of the applicability of the microwave image to complement the optical image for the preparation of a coastal configuration map**  
Link: <https://www.banglajol.info/index.php/RALF/article/view/72589>
- [ 2023 ] **Artisanal Fishing Crafts and Gears of Coastal Bangladesh**  
Link: <http://toobigtoignore.net/wp-content/uploads/2023/01/Mustafa-et-al.s.pdf>
- [ 2022 ] **Assessment of growth characteristics and the survival rate of pacific white shrimp *Litopenaeus vannamei* (boone, 1931), reared with different stocking densities in the coastal ponds, Sindh, Pakistan**  
Link: <https://www.thejaps.org.pk/Volume/2022/32-06/27.php>
- [ 2019 ] **Unraveling the hidden truth in a poorly managed ecosystem: The case of discarded species of conservation interest in Bangladesh industrial marine fisheries**  
Link: <https://www.sciencedirect.com/science/article/pii/S2352485519302117>
- [ 2019 ] **Evaluation of HUFA enriched *Artemia* nauplii for the growth, metamorphosis and survival of *Macrobrachium rosenbergii* larvae**  
Link: <https://www.researchgate.net/publication/345758366>
- [ 2018 ] **Some Aspects of Reproductive Biology of the Mudskipper *Apocryptes Bato* from the Coast of Chitagong**  
Link: <https://www.banglajol.info/index.php/JASBS/article/view/46549>
- [ 2018 ] **Fisheries Diversity around Nijhum Dwip Island of Bangladesh in relation to Environmental Parameters**  
Link: <https://www.researchgate.net/publication/335741135>
- [ 2018 ] **Phytoplankton community structure of commercial earthen aquaculture ponds**  
Link: <https://www.researchgate.net/publication/330728403>
- [ 2016 ] **Capture Fisheries Scenario of the Bay of Bengal, Bangladesh in Last Two Decades through Industrial Freezer Trawler**  
Link: <https://www.banglajol.info/index.php/RALF/article/view/27880>
- [ 2016 ] **Feeding habit and Length-Weight Relationship of a Mudskipper *Apocryptes bato* from the coast of Chittagong**  
Link: <https://www.banglajol.info/index.php/JBAS/article/view/28325>

- [ 2015 ] **Population Dynamics of Coilia Ramcarati from the Estuarine Set Bagnet Fishery of Bangladesh**  
Link: <https://wjst.wu.ac.th/index.php/wjst/article/view/751/0>
- [ 2015 ] **Population Dynamics of Mudskipper Periophthalmus novemradiatus from Bakkhali River Estuary, Cox's Bazar, Bangladesh**  
Link: <https://www.researchgate.net/publication/302027606>
- [ 2015 ] **Reproductive Biology of Tapper Tail Anchovy Coilia Ramcarati along the Coast of Chittagong**  
Link: <https://www.thaiscience.info/journals/Article/SJST/10984533.pdf>
- [ 2014 ] **Morphometric and Meristic Analysis of Coilia Ramcarati (Hamilton, 1822) for Racial Investigation from Chittagong and Cox's Bazar Coasts**  
Link: <https://www.banglajol.info/index.php/JBAS/article/view/20213>
- [ 2011 ] **Water Current and Sediment Flux of a Tidal Inlet at Salimpur Coast, Chittagong, Bangladesh**  
Link: <https://www.researchgate.net/publication/249334444>

## BOOK CHAPTER

---

### Artisanal Fishing Crafts and Gears of Coastal Bangladesh

Link: <http://toobigtoignore.net/wp-content/uploads/2023/01/Mustafa-et-al.s.pdf>

## CONFERENCES AND SEMINARS

---

- [ 22/05/2025 ] **Deposition of microplastics and potentially toxic elements in leaves: Use of plant leaves as a bioindicator of pollution**  
Oral presentation  
4th UD International Scientific Conference, University of Debrecen, Hungary
- [ 21/04/2025 ] **Elemental composition of scales across salinity gradients in commercially important fishes**  
Poster presentation  
International seminar on Blue Economy, Bangladesh Maritime University, Bangladesh
- [ 22/02/2025 – 23/02/2025 ] **Fish scale microchemistry: A potential non-invasive tool for revealing ecological insights**  
Oral presentation  
International Conference on Emerging Technologies for Sustainable Development, Jashore University of Science and Technology, Bangladesh
- [ 11/01/2025 – 12/01/2025 ] **Elemental investigations in the fish scales: A potential environmental bioindicator** Oral presentation  
International Conference on Life Sciences 2025 (ICALS 2025), Mawlana Bhashani Science and Technology University, Bangladesh
- [ 16/05/2024 – 17/05/2024 ] **Tree Leaves as A Bioindicator of Environmental Pollution** Oral presentation  
International Conference on Environmental Science and Resource Management 2024, Mawlana Bhashani Science and Technology University, Bangladesh
- [ 19/10/2023 – 20/10/2023 ] **Fish scales: An excellent non-lethal tool for biomonitoring** Oral presentation  
3rd International Symposium on Environmental, Health and Safety, University of Debrecen, Hungary
- [ 19/10/2023 – 20/10/2023 ] **Assessment of Heavy Metal Accumulation in Squalius cephalus L. Fish Scales from the Tisza River: A Comprehensive XRF Analysis**  
3rd International Symposium on Environmental, Health and Safety, University of Debrecen, Hungary

## JOURNAL REVIEW

---

**Ecotoxicology and Environmental Safety [Q1; IF: 6.2], Elsevier**

Link: <https://www.sciencedirect.com/journal/ecotoxicology-and-environmental-safety>

**Archives of Environmental Contamination and Toxicology, [Q1; IF: 3.7], Springer**

Link: <https://link.springer.com/journal/244>

**Zoology and Ecology, Taylor & Francis**

Link: <https://www.tandfonline.com/journals/tzec20>

## SOFT SKILLS

---

**SPSS, PAST, FISAT, R (basic)**

## LANGUAGE SKILLS

---

**Mother tongue(s):** Bengali

**Other language(s):**

**English**

**LISTENING B2 READING B1 WRITING A2**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION A2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## NETWORKS AND MEMBERSHIPS

---

**National Oceanographic and Maritime Institute (NOAMI)**

Life member

Link: <https://www.noami.org.bd/>

**Oceanexpert**

Member

Link: <https://oceanexpert.org>

**Young Earth System Scientists**

Member

Link: <https://www.yess-community.org>

**Deep-Ocean Stewardship Initiative (DOSI)**

Member

Link: <https://www.dosi-project.org>

## RECOMMENDATIONS

---

**Name: Prof. Dr. Edina Kunderát-Simon** University Professor, Institute of Biology and Ecology, University of Debrecen, Hungary

PhD Supervisor

**Phone number:** (+36) 52512900 | **Email:** [simon.edina@science.unideb.hu](mailto:simon.edina@science.unideb.hu)

**Name: Dr. Czédli Herta Mária** Associate Professor, Department of Civil Engineering, University of Debrecen, Hungary

PhD Supervisor

**Phone number:** (+36) 307482188 | **Email:** [herta.czedli@eng.unideb.hu](mailto:herta.czedli@eng.unideb.hu)