

Curriculum Vitae

Personal information

Name: Makidul Islam Khan



Contact address: Department of Fisheries and Marine Bioscience, Academic Building, Bangabandhu Sheikh Mujibur Rahman Science and Technology University (BSMRSTU), Gopalganj – 8100, Bangladesh

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Work experience

Lecturer (June 8, 2022 - Present)

Department of Fisheries and Marine Bioscience, Bangabandhu Sheikh Mujibur Rahman Science and Technology University (BSMRSTU), Gopalganj – 8100

Research Associate (January, 2021 – May 31, 2022)

International Centre for Ocean Governance (ICOG), Faculty of Earth and Environmental Sciences, University of Dhaka

Research Associate (February – December, 2020)

Department of Fisheries, University of Dhaka

Fisheries Expert (January 11 – 25, 2020)

Hydrobiology, Australia

Research Associate (July – December, 2019)

Department of Fisheries, University of Dhaka

Research Associate (April – June, 2019)

Department of Fisheries, University of Dhaka

Research Student (June – August, 2018)

National Institute of Fisheries Science, Fisheries Resources Research Center, Tongyeong, South Korea

Global Intern Program (GIP) (June – August, 2017)

Climate Analysis and Modeling Lab, School of Earth Sciences and Environmental Engineering, Gwangju Institute of Science and Technology (GIST), South Korea

Research Consultant (February – June, 2017)

Center for Environmental and Geographic Information Services (CEGIS), Dhaka, Bangladesh

Research Assistant (March – August, 2016)
Department of Fisheries, University of Dhaka

Research Assistant (October – December, 2015)
Department of Fisheries, University of Dhaka

Education

Master of Science in Fisheries (Major in Fisheries Resource Management)
(September, 2017 – February, 2019)
Graduate School of World Fisheries University, Pukyong National University, Busan, South Korea

Master of Science in Fisheries (2014 – 2015)
University of Dhaka, Bangladesh

Bachelor of Science in Fisheries (2010 – 2014)
University of Dhaka, Bangladesh

Higher Secondary Certificate (Science group) (2007 – 2008)
Dariapur College, Jessore Board, Bangladesh

Secondary School Certificate (Science group) (2005 – 2006)
Panchapalli Secondary School, Jessore Board, Bangladesh

Personal skills & competences

Language(s)

- ✓ Bengali (mother tongue)
- ✓ English
- ✓ Korean (basic)

Technical skills and competences

- ✓ Project management, proposal development (technical and financial)
- ✓ Quantitative data analysis using Microsoft Excel, FAO-ICLARM Stock Assessment Tools II (FiSAT II) and Statistical Package for the Social Sciences (SPSS)
- ✓ Qualitative data analysis using NVivo
- ✓ Good understanding of Agreement of Port State Measures and Complementary Instruments and Tools
- ✓ Kobo tool box

Computer skills and competences

- ✓ Fluent in using Microsoft Word, Excel and PowerPoint
- ✓ Fluent in using online communication tools like email, Skype, Zoom, Dropbox, Google Drive, Team Viewer, Google Meet, etc.

Additional information

Peer-reviewed research publications

1. 2022_Islam MM, Barman A, **Khan MI**, Goswami GG, Siddiqui B, Mukul SA. Sustainable Livelihood for Displaced Rohingyas and their Resilience at Bhashan Char in Bangladesh. Sustainability. 14(10):6374. <https://doi.org/10.3390/su14106374>
2. 2022_Islam MM, Nipa TA, Islam MS, Hasan M, **Khan MI***. Economic and non-economic loss and damage to climate change: evidence from a developing country shrimp farms to cyclone Bulbul. Fisheries and Aquatic Sciences. 25(4):214-230. <https://doi.org/10.47853/FAS.2022.e20>
3. 2022_Chowdhury KN, Ahmed MK, Akhter KT, Alam MJ, Rani S, **Khan MI**. Proximate Composition of Some Selected Seaweeds from Coastal Areas of Cox's Bazar and the St. Martin's Island, Bangladesh. The Dhaka University Journal of Earth and Environmental Sciences. 113-122. <https://doi.org/10.3329/dujees.v10i3.59077>
4. 2021_Sadia N, Ahmed MK, Khondkar MM, Rani S, Alam MJ, Al Karim A, **Khan MI**. Horizontal and vertical distribution and abundance of zooplankton around the Swatch-of-No-Ground of Northern Bay of Bengal. The Dhaka University Journal of Earth and Environmental Sciences. 10(2):1-8. <https://doi.org/10.3329/dujees.v10i2.57510>
5. 2021_Chowdhury KN, Ahmed MK, Akhter KT, Rani S, **Khan MI**. Minerals and heavy metal composition in seaweeds of the eastern coast, Northern Bay of Bengal, Bangladesh. The Dhaka University Journal of Earth and Environmental Sciences. 10(2):43-52. <https://doi.org/10.3329/dujees.v10i2.57514>
6. 2021_Islam MM, Barman A, **Khan MI**, Mukul SA, Stringer L. Biofloc aquaculture as an environmentally-friendly climate adaptation option. Anthropocene Science. 1:231-232. <https://doi.org/10.1007/s44177-021-00006-w>
7. 2021_Ahmed MK*, Rani S, **Khan MI**, Failler P, Islam MM, Watson G. Trace metals in water, sediment and fishes of the Ganges-Brahmaputra-Meghna delta, Bangladesh: A review. Bangladesh Maritime Journal. Special issue: 103-130.
8. 2021_ **Khan MI**, Choi JH*. Age estimation and growth performance of the Blackthroat Seaperch, *Doederleinia berycoides* (Hilgendorf, 1879), in Korean waters. Ocean Science Journal. 56(4):385-394. <https://doi.org/10.1007/s12601-021-00036-w>
9. 2021_Islam MM*, **Khan MI**, Barman A. Impact of novel coronavirus pandemic on aquaculture and fisheries of developing countries and sustainable recovery plans: Case of Bangladesh. Marine Policy. 131:104611. <https://doi.org/10.1016/j.marpol.2021.104611>, Q1, IF: 3.228
10. 2021_Islam MM, Rahman MA, Khan MS, Mondal G, **Khan MI***. Transformational adaptations to climatic hazards: insights from mangroves-based coastal fisheries dependent communities of Bangladesh. Marine Policy. 128:104475. <https://doi.org/10.1016/j.marpol.2021.104475>, Q1, IF: 3.228
11. 2021_Yasmin D, Ahmed MK*, Khondkar MM, Rani S, Siddiqui AAM, **Khan MI**. Species composition, abundance and diversity of phytoplankton inhabiting around the swatch-of-no-ground, a sub-marine canyon of Northern Bay of Bengal. The Dhaka University Journal of Earth and Environmental Sciences. 10(1):11-21. <https://doi.org/10.3329/dujees.v10i1.56276>
12. 2021_Haque MM*, Sharif ASM, Ahmed MK, Rani S, Molla MHR, **Khan MI**. Macrobenthic faunal abundance, distribution and diversity in the Bakkhali River, East Coast of Bangladesh. The Dhaka University Journal of Earth and Environmental Sciences. 10(1): 47-55 <https://doi.org/10.3329/dujees.v10i1.56279>
13. 2020_Islam MM, Rahman MA, Paul B, **Khan MI***. Barriers to climate change adaptation: insights from the Sundarbans mangrove-based fisheries of Bangladesh. Asian Fisheries Science. 33(2), 175-186. <https://doi.org/10.33997/j.afs.2020.33.2.008>, IF: 0.28
14. 2020_Sayeduzzaman M, Ahmed MK, Bari ML, Leela M, Zaman S, Rani S, **Khan MI***. Presence and antibiogram of inhabiting marine bacterial population at the upper sub-surface water of the south east coast of Bangladesh, Northern Bay of Bengal. The Dhaka University Journal of Earth and Environmental Sciences. 9(2): 35-43. <https://doi.org/10.3329/dujees.v9i2.55088>

15. 2020_Islam MM, Islam F, Akter MS, Kundu GK, Aparna B, **Khan MI***. Transformative adaptations to climate change: cases from the Jamuna River fishing communities of Bangladesh. *Journal of Fisheries and Environment*. 44(3), 1-18. <https://li01.tci-thaijo.org/index.php/JFE/article/view/213285/168825>
16. 2020_Haque MM*, Sharif ASM, Ahmed MK, Anwar F, Rani S, Molla MHR, **Khan MI**. Distribution and diversity of macrobenthos in Sangu River, Bangladesh. *The Dhaka University Journal of Earth and Environmental Sciences*. 9(2): 27-33. <https://doi.org/10.3329/dujees.v9i2.55087>
17. 2020_Islam MM, Kundu GK, **Khan MI***. Aquaculture: a faster growing greenhouse gas emission sector in Bangladesh. *International Journal of Ecology and Development*. 35(3), 44-57. <http://www.ceser.in/ceserp/index.php/ijed/article/view/6600, IF: 0.44>
18. 2018_ **Khan MI***, Kundu GK, Akter MS, Mallick B, Islam MM. Climatic impacts and responses of migratory and non-migratory fishers of the Padma River, Bangladesh. *Social Sciences*. 7(12), 254. <https://doi.org/10.3390/socsci7120254>
19. 2018_ **Khan MI***, Islam MM, Kundu GK, Akter MS. Understanding the livelihood characteristics of the migratory and non-migratory fishers of the Padma River, Bangladesh. *Journal of Scientific Research*. 10(3), 261-273. <https://doi.org/10.3329/jsr.v10i3.34492>

Book Chapter

1. 2021_Islam MM, Manjurul Islam M, Ahmed MK, **Khan MI***, Imteazzaman AM, Hossain Z. Measuring resilience of coastal fishing communities of Bangladesh to climatic impacts, In: Bangladesh II: Climate Change impacts, mitigation and adaptation in developing countries, Islam, M.N. & van Amstel, A. (eds.). Springer Climate. Springer, Cham. pp. 137-157. https://doi.org/10.1007/978-3-030-71950-0_4

Papers presented

- ✓ **Khan MI**, Park WG, Choi JH (2020). Age and growth of the Blackthroat seaperch, *Doederleinia berycoides* (Hilgendorf, 1879) in the Southern Sea of Korea. Paper presented in the ‘International Conference on Earth and Environmental Sciences and Technology for Sustainable Development 2020’ that was held in Hotel Intercontinental, Dhaka, Bangladesh from January 25-27, 2020.
- ✓ Manjurul Islam M, Ahmed MK, **Khan MI**, Islam MM (2020). Measuring Resilience of Two Coastal Fishing Communities of Bangladesh. Poster presented in the ‘International Conference on Earth and Environmental Sciences and Technology for Sustainable Development 2020’ that was held in Hotel Intercontinental, Dhaka, Bangladesh from January 25-27, 2020.
- ✓ Islam MM, Rahman MA, Mondal G, **Khan MI** (2020). Transformative Adaptations to Climatic Hazards from Coastal Fishing Communities, Bangladesh. Poster presented in the ‘International Conference on Earth and Environmental Sciences and Technology for Sustainable Development 2020’ that was held in Hotel Intercontinental, Dhaka, Bangladesh from January 25-27, 2020. **Received 3rd prize as a co-author for the paper under sub-theme Blue Economy: Global and Bay of Bengal Perspective.**
- ✓ **Khan MI**, Kundu GK, Akter MS, Mallick B, Islam MM (2017). Impacts of Climate Change on migratory and non-migratory fishers of the Padma River in Bangladesh and their response strategies. Paper presented in the ‘WIDER development conference: Migration and Mobility’ that was held on Accra, Ghana on October 5-6, 2017.
- ✓ **Khan MI**, Park J, Son R, Yoon JH (2017). Historical change of temperature and precipitation of Bangladesh from 1901-2015. Poster presented in the Global Intern Program closing ceremony that was held in Gwangju Institute of Sciences and Technology on August 18, 2017.
- ✓ **Khan MI**, Kundu GK, Akter MS, Mallick B, Islam MM (2017). Climatic impacts and responses of migratory and non-migratory fishers of the Padma River, Bangladesh. Paper presented in the workshop “Adapting to Climate Change: Actions, Implementations, and Outcomes” that was held in the University of Notre Dame, Indiana, United States, April 28 to May 1, 2017.
- ✓ **Khan MI**, Islam MM, Kundu GK, Akter MS (2016). Impacts of Climate Variability and Change on Fisheries of the Padma River and Adaptation Strategies. Paper presented in the 7th Bangladesh Fisheries Research Forum

Biennial Conference 2016, hosted by Bangladesh Fisheries Research Forum (BFRF), held at BARC, Dhaka in October 29-30, 2016.

Training completed

- ✓ Received training on “Pukyong National University – World Fisheries University Expert Training Program” organized by Pukyong national University/World Fisheries University, Overseas Fisheries Cooperation Center (OFCC), Busan, Korea from January 11 to February 16, 2019.
- ✓ Received training on “Onboard training of Training Ship Kaya” organized by World Fisheries University, Pukyong National University, Busan, Korea from April 25 to 27, 2018.
- ✓ Received training on “FAO-ICLARM Stock Assessment Tools II (FiSAT II)” organized by World Fisheries University, Pukyong National University, Busan, Korea from April 2 to 7, 2018.
- ✓ Participated in workshop on “PSMA and Complementary Instruments and Tools” held by the Ministry of Oceans and Fisheries, Korea on January 29-31, 2018.
- ✓ Received training on “Advanced Course on Research Methodology” from Institute of Education and Research (IER), University of Dhaka from August to October, 2016.
- ✓ Received training on “Qualitative Research Methodology in Disaster Management: Application of NVivo” that was held at Department of Geography & Environment, University of Dhaka on May 20-21, 2016.
- ✓ Received training on “Livelihood, Climate Change Adaptation and DRR” that was held at Spectra Convention Centre, Dhaka on March 30, 2016.
- ✓ Received training on “How to Write Quality Research Paper” that was held at University of Dhaka in January 9, 2016.
- ✓ Received training on “MS Word, MS Excel and MS PowerPoint” from Institute of Information Technology (IIT), University of Dhaka from May to July, 2015.
- ✓ Received training on “SPSS and Applied Statistics” from Institute of Statistical Research and Training (ISRT), University of Dhaka from May 23 to June 17, 2015.
- ✓ Received training on “Human Resource Management (HRM)” from Small and Cottage Industries Training Institute (SCITI), BSCIC from June 16 to June 20, 2013.

Grants and awards

- ✓ Certificate of Special Recognition, 2019 by Busan Metropolitan City, South Korea
- ✓ Korean Government Scholarship in 2017
- ✓ Global Intern Program (GIP) Fellowship in 2017
- ✓ National Science & Technology (NST) Fellowship 2015-2016
- ✓ Board scholarship in 2009
- ✓ Board scholarship in 2007
- ✓ Junior Scholarship (Talent Pool) in 2004
- ✓ Primary Scholarship (General) in 2001