

Curriculum Vitae of Dr. Md. Mehedi Alam



PERSONAL DATA

Name Dr. Md. Mehedi Alam
Current position Lecturer
Work address Department of Fishery Resources Conservation and Management
Faculty of Fisheries and Ocean Sciences
Khulna Agricultural University
Khulna, Bangladesh
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EDUCATION/ACADEMIC DEGREES

- 2020 Doctor of Philosophy, Department of Aquaculture, Bangladesh Agricultural University, Mymensingh, Bangladesh
2014 MS in Fisheries Technology, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh, Bangladesh
2012 B.Sc. Fisheries (Hons.), Faculty of Fisheries, Patuakhali Science and Technology University, Patuakhali, Bangladesh
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APPOINTMENTS

2020 - to date Lecturer, Department of Fishery Resources Conservation and Management, Khulna Agricultural University, Khulna

SCIENTIFIC QUALIFICATIONS

1. Worked as a Research Associate in the project "*Novel Molecular Approaches for Advancing Prediction and Mitigation of Disease Outbreaks in Aquaculture for Small Scale Farmers*" supported by BBSRC/Newton Fund being implemented collaboratively by University of Exeter, Centre for Environment, Fisheries and Aquaculture Science (Cefas), University of St. Andrews, Bangladesh Agricultural University (BAU), Tamil Nadu Fisheries University, Central Institute of Fisheries Education, WorldFish, Association for Realization of Basic Needs (Arban). Duration: January 2016 to May 2019.
 2. Worked as a Research Associate in the project "*Impact assessment of upstream water withdrawal to conserve natural breeding habitat of major carps in the river Halda*" funded by the BFRI (Bangladesh Fisheries Research Institute) being implemented collaboratively by Bangladesh University of Engineering Technology (BUET), University of Chittagong (CU) and Bangladesh Agricultural University (BAU). Duration: January 2015 to October 2015.
 3. Worked as a Research Assistant in the action research project "*Production of fish and vegetables in Integrated Floating Cage Aqua-geoponics System (IFCAS) in shaded ponds for enhancing production and households' nutrition in Barisal District of Bangladesh*" supported by EU funded project ANEP and coordinated by the WorldFish. This project was led by Prof. Dr. M. Mahfujul Haque, Department of Aquaculture, Bangladesh Agricultural University, Mymensingh as a Principal Investigator. Duration: June 2012 to June 2014.
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MANAGERIAL SKILLS & OTHER TASKS

1. Head, Department of Fishery Resources Conservation and Management, Khulna Agricultural University, From 01 February 2021 to date
 2. Member, Khulna Agricultural University Teachers' Association (KAUTA), Khulna Agricultural University, From 01 June 2021 to date
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CONFERENCE PROCEEDINGS

1. Alam, M. M. and Haque, M. M. 2019. Assessing the Major Constraints of International Aquaculture Certification for Export Fish from Bangladesh. Poster presentation, Abstract 108, Page 79. "Aquaculture Europe 2019 Conference and Exposition", AE19BER, ESTREL Congress Center, Berlin, Germany. October 7-10, 2019.
 2. Haque, M. M., Alam, M. M., Hasan, N. A. 2019. Climate Change Impacts on Fisheries and Aquaculture in Bangladesh: The Way Forward. Oral presentation, Abstract 11, Page 151, 1st International Conference on Sustainable Fisheries (ICSF) 2019, Department of Aquaculture, Sylhet Agricultural University, Sylhet, Bangladesh. August 25-27, 2019.
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SELECTED RECENT PEER-REVIEWED ARTICLES (Total number of publications: 12)

1. Alam, M.M., Haque, M. M. 2021. Presence of Antibacterial Substances, Nitrofurans Metabolites and other Chemicals in Farmed Pangasius and Tilapia in Bangladesh: Probabilistic Health Risk Assessment. *Toxicology Reports*, 8: 248-257. <https://www.sciencedirect.com/science/article/pii/S2667010021001050?via%3Dihub>.
2. Aziz, M.S.B., Hasan, N. A., Mostafizur, M. M. R., Alam, M. M., Haque, M. M. 2021. Decline in fish species diversity due to climatic and anthropogenic factors in Hakaluki Haor, an ecologically critical wetland in northeast Bangladesh. *Heliyon*, 7(1): e05861. <https://www.sciencedirect.com/science/article/pii/S2405844020327031>.
3. Chaput, D. L., Bass, D, Alam, M. M., Hasan, N. A., Stentiford, G. D., van Aerte, R., Moore, K., Bignell, J. P., Haque, M. M., Tyler, C. R. 2020. The Segment Matters: Probable Reassortment of Tilapia Lake Virus (TiLV) Complicates Phylogenetic Analysis and Inference of Geographical Origin of New Isolate from Bangladesh. *Viruses*, 12(3): 258. <https://www.mdpi.com/1999-4915/12/3/258>.
4. Alam, M. M., Haque, M. M., Aziz, S. B., Mondol, M. M. R. 2019. Development of pangasius–carp polyculture in Bangladesh: Understanding farm characteristics by, and association between, socio-economic and biological variables. *Aquaculture*, 505:431-440. <https://www.sciencedirect.com/science/article/abs/pii/S0044848618321057>
5. Haque, M. M., Belton, B. Alam, M. M., Ahmed, A. G. and Alam, M. R. 2016. Reuse of fish pond sediments as fertilizer for fodder grass production in Bangladesh: Potential for sustainable intensification and improved nutrition. *Agriculture, Ecosystems and Environment*, 216:226-236. <https://www.sciencedirect.com/science/article/pii/S0167880915301122>
6. Haque, M. M., Alam, M. R., Alam, M. M., Basak, B., Sumi, K. R., Belton, B., Jahan, K. M. E. 2015. Integrated floating cage aquageoponics system (IFCAS): An innovation in fish and vegetable production for shaded ponds in Bangladesh. *Aquaculture Reports*, 2: 1–9. <https://www.sciencedirect.com/science/article/pii/S2352513415000125>
7. Haque, M.M., Alam, M.M., Hoque, M.S., Hasan, N.A., Nielsen, M., Hossain, M.I., Frederiksen, M., 2021. Can Bangladeshi pangasius farmers comply with the requirements of aquaculture certification? *Aquaculture Reports* (Accepted).
8. Alam, M. M., Haque, M. M., Shikha, F. H. 2014. Studies on public health and hygiene condition of retailers at fish market in south-central Bangladesh. *Journal of the Bangladesh Agricultural University*, 12(2): 411-418.
9. Jega, I. S., Ribah, I. M., Idris, Z., Haque, M. M., Aziz, M. S. B., Alam, M. M. 2015. Survey of some aspects of artisanal fisheries of Sabiyel Lake, Aliero, Kebbi state, Nigeria. *Research in Agriculture, Livestock and Fisheries*, 2(3): 507-515.
10. Das, P. S., Haque, M. M., Alam, M. M., Akter, S., Amin, M. R. 2015. An understanding on the feasibility of aquaponics in intensive aquaculture pond. *Research in Agriculture, Livestock and Fisheries*, 2(1): 143-150.
11. Zafar, M. A., Haque, M. M., Aziz, M. S. B., Alam, M. M. 2015. Study on water and soil quality parameters of shrimp and prawn farming in the southwest region of Bangladesh. *Journal of the Bangladesh Agricultural University*, 13(1): 153–160.
12. Rumpa, R. J., Haque, M. M., Alam, M. M., Rahamatullah, S. M. 2016. Growth and production performance of carps in shaded pond in Barisal, Bangladesh. *Journal of the Bangladesh Agricultural University*, 14(2): 235–241.