



## Research Interest

Fish Disease and Health Management, PCR Techniques, Fish Defense Mechanism, Bacteriology, Open water Management, Aquaculture

## MD ASHIKUR RAHMAN

### Present Address

Senior Scientific Officer  
(Oct/2020-Till Date)  
Bangladesh Fisheries Research Institute  
Freshwater Station, Mymensingh  
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### Former Position

Scientific Officer  
(Aug/2017- Sep/2020)  
Bangladesh Fisheries Research Institute  
Freshwater Station, Mymensingh

Scientific Officer  
(Feb/2015- July/2017)  
Bangladesh Fisheries Research Institute  
Riverine Station, Chandpur

### Objective

An innovative and driven leader, focused on achieving exceptional results in highly competitive environment that demands continuous improvement. Person of high integrity known for ability to envision and implement with expertise.

### Education

**MS in Fisheries Technology**  
Bangladesh Agricultural University (2015)  
3.867\* (4.000)  
**B. Sc. Fisheries (Hons.)**  
Bangladesh Agricultural University (2014)  
3.882\*\* (4.000)

**IELTS: 6.0 (Individual) 16 Jan 2021**

\*2<sup>nd</sup> Position

\*\*7<sup>th</sup> Position

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**Publication:**

<b>(a) <u>Scientific journal</u></b>	<b>No. of publication</b>
(i) Full paper	<b>17</b>
(a) Paper Published in the Reputed International Journal	<b>06</b>
Principal author	02
Co-author.	04
(b) Other International & National Journal	<b>11</b>
Principal Author	02
Co-author.	09
(ii) Short Communication	-
Principal Author	
Co-author.	
<b>(b) <u>Books/Monographs/Bulletins/Leaflets</u></b>	<b>Total = 07</b>
(i) Books	
Principal author	-
Co-author	
(ii) Monographs (Training Manual & Monograph)	<b>02</b>
Principal author	-
Co-author.	02
(iii) Bulletins	
Principal author	
Co-author.	
(iv) Leaflets	<b>02</b>
<b>(c) <u>Seminar/Workshop/Symposium Proceedings</u></b>	<b>03</b>
(i) International	-
Principal author	-
Co-author.	-
(ii) National	03
Principal author	01
Co-author.	02

## **Scientific Journal**

- Nahiduzzaman M, Flowra FA, Hossen MN, Awal MR, **Rahman MA** and Akter S, (2020): Traditional fish drying method practiced by the farmers of Chalan beel (Singra upazila) and their socio-economic status. *International Journal of Fisheries and Aquatic Studies*; 8(3): 184-190
- Kabir MTH, **Rahman MA**, Chowdhury P, Haque SM and Miah MI, (2020): Kaptai Lake and fisheries: Gears, species and marketing channel with management practices. *Journal of Entomology and Zoology Studies* 8(1): 19-25
- Rahman MA**, Akter S, Khan MM and Rahman MK, (2019): Relation between aquaculture with fish disease & health management: A review note. *Bangladesh J. Fish.* 31(2): 253-260
- Islam MS, Bhadra A, **Rahman MA**, Moniruzzaman M and Khan MM, (2019): Pond management and fish polyculture technique in lalmonirhat of Bangladesh. *International Journal of Zoology Studies* 4(4): 52-54
- Riar MGS, Nur-A-Raushon, **Rahman MA** and Khan M, (2019): Fisher's livelihood at Karatoya River, Bogura. *International Journal of Fisheries and Aquatic Studies*, 7(4): 26-29
- Islam MA, Chowdhury P, **Rahman MA**, Akter S and Miah MI, (2019): Diversity and abundance status of plankton between lotic and lentic habitats. *Imperial Journal of Interdisciplinary Research (IJIR)*. 5(3):48-58.
- Rahman MA**, Haidar MI, Khan MH, Rahman M.K. and Mahmud, Y. (2018): Mass Mortality of Fishes: A catastrophic phenomena at Haor regions in Bangladesh. *Bangladesh J. Fish. Res.*, 1(1-2): 101 -106
- Hossain ABMA, Shankor Bisshas S, Paramanik MMH, Hasan MM, Haidar MI, Bosu A, **Rahman MA** and Rahman MA, (2018): Supply Chain Analysis of Hilsa (*Tenualosa flisha*) Egg in Bangladesh. *Journal of Fisheries Sciences com*, 12(4): 09-12, DOI:10.21767/1307- 234X.1000154
- Arefin F, Moniruzzaman M, Lupa ST, **Rahman MA**, Islam A and Akter S, (2018). Status of threaten fish species in Narsunda river. *Res. Agric. Livest. Fish.* 5(2): 259-268
- Rakib SM, Hossen MN, **Rahman MA**, Sku S, Akter S and Rashid MM, (2018): Development of anti-Aeromonas hydrophila serum from Rabbits. *Res. Agric. Livest. Fish.* 5 (1): 137-145.
- Alim MA, Rahman MM, Khatun, MS, **Rahman MA** and Wahab MA, (2017): Effects of Combination of Prawn and Catla with Mola on Pond Ecology and Production of Fische. *Imperial Journal of Interdisciplinary Research*, 3(6): 546-575. <http://www.onlinejournal.in>

- Rahman MA**, Akter S, Haidar MI and Majumder MWR, (2017): Present status (Biodiversity and Conservation) of fish at Chalan Beel in Bangladesh. *International Journal of Zoology Studies*, ' 2 (2): 31-37
- Akter S, **Rahman MA**, Naher I, Majumder MWR and Alam AKM N, (2017): Fish glue from tilapia scale and skins and its physical and chemical characters. *International Journal of Fisheries and Aquatic Studies*; 5(2): 255-257. <http://www.fisheriesjournal.com>
- Hossain MAR, **Rahman MA**, Akter S, Hosain ME and Naser MN, (2017): Intervention of tilapia cage culture in the River Dakatia: Threaten or blessed to local fish diversity. *International Journal of Fisheries and Aquatic Studies*, 5(1): 228-232.
- Rahman MA**, Akter S, Bhowmik S, Paramanik MMH, and Alam AKM N, (2017): Fish in super-shops: A new dimension of fish marketing system in Dhaka (Bangladesh). I *FisheriesSciences.com*, E- ISSN I307-234X. 11(1): 037-042.
- Hasan SJ, Haidar MI, **Rahman MA**, Bosu A and Mahmud Y, (2016). Fishing Gears in Meghna River: Threatening or Sustainable for Fisheries. *Int. J. Bus. Soc.Sci. Res.* 4(4): 03- 306.
- Akter S, **Rahman MA**, Bhowmik S, Haidar MI and Alam AKM N (2016): Assessment of Fishery Wastes and Suitability of Its Utilization in the Manufacture of Fish Glue, *Am. J. Food. Nutr*, 6(3): 77- 81. <http://www.scihub.org/AJF>

### **Conference Paper**

- Rahman MM, **Rahman MA**, Monir MS, Haque ME, Siddique MP, Kharuzzaman AKM, Rahman MT, Noreeedin A, El Zowalaty ME and Islam MA, (2020). Isolation, Identification and molecular detection of *Streptococcus agalactiae* (GBS) as an Immerging pathogen of Popped eye disease Tilapia and Vietnamese Koi fishes in Bangladesh. *BSVER ASCon XXVI, BAU Mymensingh*, (45). p.59
- Islam MA, **Rahman MA**, Monir MS, Rahman MM, Haque ME and Siddique MMP, (2020). First Time development and evaluation of Inactivated bacterial vaccine against popped eye disease of cultured Tilapia and Vietnamese Koi fishes in Bangladesh. *BSVER ASCon XXVI, BAU Mymensingh*, (45). p.69
- Rahman MA**, Akter S, Rahman MK, Mahmud Y and Islam MA, (2019): Status of Bacterial Diseases in Two Different Species of Cultured Fin Fishes (Shing and V. Koi) of Mymensingh Region, Bangladesh. *Fisheries Society of Bangladesh (FSB) BIENNIAL CONFERENCE*, (01). p.42-43

## Research achievement

### (a) Developed: 07

SI No.	Name of the Research Project	Station	Duration	Funding Authority
1	Culture of indigenous small fishes in biofloc aquaculture system (Comp. A)	Freshwater Station, Mymensingh	2020-2021 2019-2020	BFRI
2	Investigation and characterization of viral and bacterial diseases in selected fin fish and Shrimp in Bangladesh, vaccines development and validation	Freshwater Station, Mymensingh	2017-2020	BARC
3	Investigation and Identification of Emerging Fish Diseases and Development of their Control Strategies	Freshwater Station, Mymensingh	2019-2020, 2018-2019, 2017-2018	BFRI
4	Development of Fish Museum and at Freshwater Station Live Gene Bank	Freshwater Station, Mymensingh	2019-2020, 2018-2019,	BFRI
5	Effect of Climate Change on the Ecology and Biodiversity of open Inland Water Fishes	Riverine Station, Chandpur	2016-2017, 2015-2016	BFRI
6	Investigation of Tilapia ( <i>Oreochromis niloticus</i> ) Disease in Cage and other Fish Culture Systems and Control Strategies	Riverine Station, Chandpur	2016-2017, 2015-2016	BFRI
7	Impact of Environmental Factors on Abundance and Distribution of Important Fishes in the River Meghna	Riverine Station, Chandpur	2016-2017, 2015-2016	BFRI

### (b) Supervised (03)

SI No.	Name of the Research Project	Station	Duration	Funding Authority
1	Identification of etiological agents responsible for fish diseases using PCR techniques and mitigation measures	Freshwater Station, Mymensingh	<b>2020-2023</b>	BFRI
2	Investigation and characterization of viral and bacterial diseases in selected fin fish and Shrimp in Bangladesh, vaccines development and validation	Freshwater Station, Mymensingh	<b>2019-2020</b>	BARC

3	Culture of indigenous small fishes in biofloc aquaculture system (Comp. A)	Freshwater Station, Mymensingh	2019-2020	BFRI
4	Investigation and Identification of Emerging Fish Diseases and Development of their Control Strategies	Freshwater Station, Mymensingh	2019-2020,	BFRI

BFRI= Bangladesh Fisheries Resaerch Institute

BARC= Bangladesh Agricultural Research Council

### Training:

#### (a) In Country:

Organization	Duration	Name of programme
Bangladesh Fisheries Research Institute (BFRI), Mymensingh	23-25, Jun/2019 02 days	Conservation of Freshwater Mussel and Snail
Cabinet Division and a2i Programme, Bangladesh Secretariat, Dhaka	21-22, May/2019 02 days	Innovation Project Design
Ministry of Fisheries and Livestock, Bangladesh Secretariat, Dhaka	04-08, Apr/2019 05 days	Innovation in Public Service
MDF, Bangladesh	July- October/2018	Multi Stake Holder Partnership Development Training
Bangladesh Fisheries Research Institute (BFRI), Mymensingh	21-23, Jun/2018 02 days	Conservation of Freshwater Mussel and Snail
Bangladesh Agricultural Research Council (BARC), Dhaka	06 Jun/2018 01 day	Implementation Guideline of PBRG Sub-Project
National Agriculture Training Academy (NATA), Gazipur	28 Jan-01 Feb/2018 05 days	ICT in Agriculture
Bangladesh Agricultural Research Council (BARC), Dhaka	03, Jan/2018 01 day	Training of Trainers (ToT) on Fisheries Technologies
Bangladesh Fisheries Research Institute (BFRI), Mymensingh	01-02, Jan/2018 02 days	Office Administration
Bangladesh Agricultural Research Council (BARC), Dhaka	26-28, Dec/2017 03 days	Training course on Bioinformatics for sustainable development in Agriculture
Bangladesh Agricultural Research Council (BARC), Dhaka	14-18, May/2017 05 Days	Technical Report Writing and Editing
Bangladesh Fisheries Research Institute (BFRI), Mymensingh	04-05, Jun/2016 02 days	Office Administration and Financial Management

Bangladesh Fisheries Research Institute (BFRI), Mymensingh	17-18, May/2016 02 days	Office Administration and Financial Management
Bangladesh Fisheries Research Institute (BFRI), Mymensingh	15-16, May/2016 02 days	Research Methodology and Management
Graduate Training Institute, BAU, Mymensingh	07-18, Sep/2015 12 days	Data Analysis: <i>Mstac</i> & SPSS
Graduate Training Institute, BAU, Mymensingh	24 Aug- 4 Sep/ 2015 12 Days	Basics of MS Office
Department of Agriculture Extension Education, BAU, Mymensingh	6-11 Oct/2013	Agriculture Extension Field Trip

**(b) Abroad:**

Country	Year	Duration		Name of Programme
		Mos.	Days	
Vietnam (FAO)	2017	-	04	Antimicrobial residue analysis for fisheries and aquacultural products