

CV of Md. Abdul Baten



Name	: Md. Abdul Baten
Position	: Lecturer
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Area of Specialization	: Mangrove Ecosystem Services and Fisheries Microbiology
Research Interest	: Mangrove Ecosystem Services, Climate resilient based aquaculture, Fisheries Microbiology

Education

Name Degree	Name of Institution	Year of graduation
Erasmus Mundus MS in Tropical Biodiversity and Ecosystem	University of Florence, Italy; Universiti Malaysia Terengganu, Malaysia; Universite Libre de Bruxelles and Vrije Universiteit Brussels, Belgium	2018
MS in Fisheries Technology and Quality Control	Sylhet Agricultural University, Sylhet Bangladesh	2016
BSc Fisheries (Honours)	Sylhet Agricultural University, Sylhet Bangladesh	2014

Professional Experiences

Designation	From	To	Appointed University/Organization
Lecturer	27.12.2018	Present	Department of Fishing and Post Harvest Technology, Faculty of Fisheries, Aquaculture and Marine Science, Sher-e-Bangla Agricultural University, Dhaka-1207.
Researcher	01.01.2018	30.08.2018	The Sundarbans Mangroves as a Social-Ecological Systems: A case Study on Ecosystem Functions, Goods and Services in Satkhira District, Bangladesh, under supervision of Professor Dr. Nico Koedam, Research unit Plant Biology and Nature Management, Department of Biology, Vrije Universiteit Brussels, Belgium.
Intern Researcher	19/09/2017	31/12/2017	Genetical Connectivity of <i>Cymodocea serrulata</i> seagrass in African Coastal waters (Gazi bay, Kenya)" under the supervision Professor Dr. Ludwig Triest, Research unit Conservation genetics and Ecology, Department of Biology, Vrije Universiteit Brussels, Belgium.
Researcher	01/12/2014	01/12/2015	Comparative Study on Bacteriological Parameters of Indigenous and Exotic Koi (<i>Anabas testudineus</i>) in Sylhet Sadar Upazila. Under the supervision of Dr. Motaher Hossain, Dept. of Fisheries Technology and Quality Control, Faculty of Fisheries, Sylhet Agricultural University, Sylhet.

Training Experiences

- Too Big To Ignore (TBTI) global partnership on small scale fisheries research training workshop for six days (24 August/2019 to 29 August/2019) on Transdisciplinarity in Fisheries and Ocean Sustainability, venue at Sylhet Agricultural University, Bangladesh.
- 6th EMB Forum 6th December/2017 on implementing the UN 2030 Agenda: What role for marine science? European Marine Board, Ixelles, Brussels, Belgium.
- Tropimundo annual conference for five days (7th December to 12th December/2017), venue at Universite Libre de Bruxelles and Vrije Universiteit Brussels, Belgium
- Two weeks long field work in Matang Mangrove Forest Reserve under the course of Mangrove field school by Institute of Oceanography and Environment (INOS), Universiti Malaysia Terengganu, Malaysia. To be familiar with real mangrove environment. Major activities; water velocity and quality determination, identification of mangrove flora and fauna, synthesize the mangrove ecosystem services and current and Future sustainable management scheme.
- Seven days long experiment in Redang Island, Malaysia for the investigation of Sea Turtle nesting behavior.

- One-day training Programme by Bangladesh Shrimp and Fish Foundation, Fishery Products Business Promotion Council, Department of Fisheries and Bangladesh Economic Growth Programme Project, Ministry of Commerce, Government of Bangladesh. In Faculty of Fisheries, SAU for 30/11/2014, Major activities: Seafood HACCP in Fish Value Chain.

Awards and Responsibilities

Name of Award	University/Institution and Country	Reason for which the award dedicated	Year
National Science and Technology (NST) fellowship	Ministry of Science and Technology, Bangladesh.	Post-graduation research	2015
Erasmus Mundus (TROPIMUNDO) fellowship	Funded by European Commission	Post-graduation research	2016-2018

List of Publications

- **Baten, M.A.**; Won, N.E.; Mohibbullah, M.; Yoon, S.-J.; Hak Sohn, J.; Kim, J.-S.; Choi, J.-S. 2020. Effect of hot smoking treatment in improving Sensory and Physicochemical Properties of processed Japanese Spanish Mackerel *Scomberomorus niphonius*. *Food Sci Nutr.* 2020;00:1–12. doi:10.1002/fsn3.1715.
- Sunny, A.R., Reza, J., Anas, M., Hassan M.N., **Baten, M.A.**, Hasan M.R., Hossain, M.S., Monowar, and Hossain, M.M. 2020. Biodiversity Assemblages and Conservation necessities of ecologically sensitive natural wetlands of north eastern Bangladesh. *Indian Journal of Geo-Marine Sciences*, Vol. 49 (01): 135-148.
- Hossain, M M., S Ahamed, M Mostafiz, T Akter, M M Hassan, M.A. Islam, **M.A. Baten**, M.J. Islam and M M Islam 2019. Polyculture of *Mystus gulio* (Hamilton 1822) in salinity intrusion prone areas of Bangladesh. *Bangladesh J. Fish.* 31(1): 95-103.
- **Baten, M.A.** Hossain, M.M. Bapary, M.A.J. Islam M.J. Elahi, A.T.M.M. and Hossain, M.M. 2018. Seasonal variation in bacteriological count between native vs exotic climbing perch, *Anabas testudineus* (Bloch, 1972) at North-Eastern Bangladesh. *Bangladesh J. Fish.* 30(1):123-132.
- Hossain, M.M., M.M. Hassan, S. Ahamed, M. Mostafiz, M.A. Islam, **M.A. Baten** and M.M. Islam 2018. Culture potentiality of long whiskers catfish, *Mystus gulio* (Hamilton, 1822) as an alternative climate change adaptation option. *Bangladesh J. Fish.* 30(2): 219-228.
- Haq, M A, **M A Baten**, M M Hossain, M M H Khan, M M Hossain. 2017. Presence of formalin in Small Indigenous Species of fish at Sylhet sadar, *Journal of the Sylhet Agricultural University* 4(2): 281-287.
- Hossain, M.M. Mojumder, P.K., **Baten, M.A.** and Sayeed, M.A. 2016. Bacteriological quality of frozen and unfrozen Pabda (*Ompokpabda*: siluriformes) in a fish processing plant. *Journal of Asiatic Society Bangladesh, Science.* 43(2): 235-242.

- Bari, S.M., Khalil, S.M.I. Mamun, M.A.A. Islam, M.J. **Baten, M.A.** and M.M. Hossain. 2015. Seasonal Variation in Population Dynamics of Helminth Parasites in *Clarias batrachus* from Natural wetlands of Sylhet, Bangladesh. International Journal of Natural Science, 5(2): 86-89.

Articles/abstracts in Conference Proceedings

- Mohammad Mosarof Hossain, Mohammad Mahmudul Islam, **Md. Abdul Baten**, Behara Satyanarayana, Nico Koedam, Jean Hugé, Farid Dahdouh-Guebas. Integrated assessment of the mangrove ecosystem services in the Bangladesh Sundarbans complex. (Abstract submitted to Mangrove and Macrobenthose Meeting conference (MMM5), Singapur.
- **Baten, M.A.**, Hossain, M.M., Jafor, M.A. and Hossain M.M. 2019. Isolation and Identification of Pathogenic bacteria in Indigenous and Exotic climbing perch, *Anabas testudineus* from north eastern part of Bangladesh. An abstract published in 8th Biennial Fisheries Conference and Research Fair 2019, 30-31, March 2019, 104pp.
- Rana MM, Hasan MM, **Baten MA** and Mohibullah M, 2019. Comparative Study of Nutritional quality of Cuchia and carps and Potentiality of Cuchia Culture in Bangladesh. An abstract published in 8th Biennial Fisheries Conference and Research Fair 2019, 30-31, March 2019, 94pp.
- Hossain, M.S., Hossain, M.M., **Baten, M.A.** and Rahim, M.M. 2019. Effect of aflatoxin contaminated feed on the fingerling of Tilapia. An abstract published in 8th Biennial Fisheries Conference and Research Fair 2019, 30-31, March 2019, 112pp.
- Hossain, M.M., Ahmed, S., Mostafiz, M., Akter, T., Hassan, M.M., **Baten M.A.** and Islam M.M. 2019. Culture potentiality of long whiskers catfish, *Mystus gulio* (Hamilton, 1822) in salinity intrusion prone areas of central coast, Bangladesh. An abstract published in 8th Biennial Fisheries Conference and Research Fair 2019, 30-31, March 2019, 85pp.
- Hossain, M.M., Mostafiz, M., Akter, T., Ahmed, S., Hassan, M.M., **Baten M.A.** and Islam M.M. 2019. In relation to climate change adaptation in Bangladesh coast: culture potentiality of *Mystus gulio* (Hamilton, 1822) in floating cages. An abstract published in 1st International conference on sustainable fisheries, 25-27 August 2019, 50pp.
- Hossain, M.M., Debnath P.K., **Baten M.A.** and Islam M.M. 2019. Climate change vulnerabilities to fisheries communities in the south-eastern coast of Bangladesh. An abstract published in 1st International conference on sustainable fisheries, 25-27 August 2019, 51pp.

Professional membership

- General member of Krishibid Institute of Bangladesh
- General member of Bangabandu Krishibid Parishad, Bangladesh
- Life member of Bangladesh Fisheries Research Forum (BFRF)