

Curriculum Vitae of



Professor Dr. FERZANA ISLAM

Name (in block letter) : **Dr. FERZANA ISLAM**

Father's name : Prof. MD. Anwarul Islam

Mother's name : Monowara Begum

d) Nationality : Bangladeshi (by birth)

e) Permanent address : 113 R.K. Mission Road Nowmahal
c/o Prof. Md. Anwarul Islam
Mymensingh Sadar
Mymensingh Sadar
District - Mymensingh-2200
Bangladesh
Tel:+88091-61822

f) Present address : Dr. Ferzana Islam
Professor
Department of Agroforestry and Environmental Science
Sher-e-Bangla Agricultural University,
Sher-e-Bangla Nagar
Dhaka- 1207
Bangladesh

Contact mobile number and e-mail address : +8801715013998
ferzanaislamalif@kyudai.jp ;
ferzana@forest.kyushu-u.ac.jp ;
ferzanaislam@gmail.com

5. EDUCATIONAL BACKGROUND

Name of School/Coll ege /University	Year attended		Name of Examination with subject offered	Division /Class & place obtained	Year of obtaining Certificate /Degree
	From	To			
Vidyamoyee Govt. Girls' School, Mymensingh	1988	1989	Secondary School Certificate (S.S.C.): Bengali, English, Physics, Chemistry, Biology, Geography, General Mathematics, Elective mathematics	First Division (Dhaka)	1990
Mununnissa Govt. Womens' College, Mymensingh	1991	1992	Higher Secondary Certificate (H.S.C.): Bengali, English, Physics, Chemistry, Biology, Mathematics	First Division (Dhaka)	1992
Bangladesh Agricultural University, Mymensingh	1992	1996	Bachelor of Science in Agriculture (B.Sc. Ag.): Soil Science, Horticulture, Crop Botany, Plant Entomology, Genetics and Plant Breeding, Agril. Education, Rural Sociology, Statistics, Biochemistry, ministry, Chemistry, Farm Mechanics, Animal Husbandry, conomics, Agroforestry.	First Class with 1 st position in Sher-e- Bangla Agricultural University, Dhaka: in order of merit. with 1 st position. 5th position among all Agricultural Universities in Bangladesh in order of merit Highly Satisfactory	1996 (exam held in 2000)
Bangladesh Agricultural University, Mymensingh	2000	2002	Master of Science in Horticulture (MS): Advanced Pomology I & II, Advanced Olericulture I & II, Advanced research methodology, Homestead forestry, Horticultural seed physiology, Ornamental horticulture, Spices and plantation crops. Title of the MS. Thesis: Shelf-life and quality Guava as affected by storage temperature, wrapping materials and stages of maturity	First Class with 1 st position Highly Satisfactory	2002
UNESCO- IHE, Institute for water education, Delft University. The Netherlands	September 2009	August 2010	Diploma degree in Environmental Science- Specialization in Environmental Science and Technology: Introduction to environmental science, The human dimension in the environmental change, Natural processes in the environment, Analytical tools in environmental science, Environmental system analysis, Environmental process technology, Environmental monitoring and modeling, Cleaner production, Foreign fieldtrip and fieldwork, Aquatic ecosystem: Processes and application, Watershed and river basin management, Group work ES, Environmental resource management and production control.	Great Distinction Highly Satisfactory	2010

Kyushu University , Japan	October 2010	September 2013	<p>Doctor of Philosophy (Ph.D.) in Forest and Agro-environmental Sciences: Environmental resource management and production control, Bioenvironmental Science, Arc. GIS, Environmental modeling, Nanotechnology, Bio-Engineering, Bio-fuel, Bioresource and Bioenvironmental Science, Forest resource, Forest Environmental Science.</p> <p>Title of the PhD Thesis: Ectomycorrhizal fungi, <i>Tricholoma matsutake</i> growth characteristics and electric pulse stimulation for <i>in situ</i> fruit body formation.</p>	Great Distinction Highly Satisfactory	2013
---------------------------	--------------	----------------	--	--	------

6. Any special Institution attended and course taken :

- a) **Doctor of Philosophy (Ph.D.)** : Kyushu University, Japan
- b) **Diploma degree** : UNESCO-IHE, Institute for water education, Delft University, The Netherlands
- c) **Master of Science** : Bangladesh Agricultural University, Mymensingh

SCHOLARSHIP & Awards

(Title, organization and year.)

- a. Awarded JAPANESE GOVERNMENT (MONBUKAGAKUSHO: MEXT) SCHOLARSHIP, October 2010 -September 2013.
- b. Awarded Certificate of attendance for best research fellow, UNESCO-IHE, Delft University, The Netherlands, August 2010.
- c. Awarded Nuffic Scholarship on Environmental Science, UNESCO-IHE, Delft University, The Netherlands, 2009-2010.
- d. Awarded scholarship by Swiss Agency for Development and Co-operation (SDC) in Fruit Tree Improvement Project (FTIP), Department of Horticulture, July 2000-December 2002.
- e. Awarded best research fellow in Fruit Tree Improvement Project (FTIP), Department of Horticulture, by the Swiss Agency for Development and Co-operation (SDC), July 2000-December 2002.
- f. Awarded best researcher and presenter on Environment and Environmental Law, Bangladesh

Environment and Environmental Layers Association, June, 2005.

LIST OF MAJOR PUBLICATIONS

A. Publications Related To Forest and Environmental Science :

1. M. S. Jaman, A. Islam, M. M. Islam, M.T. Islam and **F. Islam**. A recent plant biodiversity phenomenon of national madhupur forest in bangladesh .Bangladesh Journal of Environmental Science, Vol. 29. 147-156. 2015 @ BAED ISSN 1561-9206.
2. **F. Islam**, A. Islam and S. Ohga. Effect of electric pulse application on the fruit body production of *Tricholoma matsutake*-In situ condition. CNU Journal of Agricultural Science, vol. 40, no.1. 2013.
3. **F. Islam** and S. Ohga, Effects of Media Formulation on the Growth and Morphology of Ectomycorrhizae and Their Association with Host Plant, ISRN Agronomy, vol. 2013. Article ID 317903, 12 pages, doi:10.1155/2013/3179032013. 2013.
4. **F. Islam** and S. Ohga, “The Response of Fruit Body Formation on *Tricholoma matsutake* In Situ Condition by Applying Electric Pulse Stimulator,” ISRN Agronomy, vol. 2012. Article ID 462724, 6 pages, 2012. doi:10.5402/2012/462724. 2012.
5. M. M. Rahman, M. S. Sultana, S. Sultana, **F. Islam** and B. M. Z. Rahman. Study on National tree fair 2010 at Dhaka, Bangladesh for sustainable management of the environment. Bangladesh Journal of Environmental Science, 18: 67-70. 2010.
6. M. M. Rahman, M. S. Sultana, **F. Islam**, M. Z. Islam and B. M. Z. Rahman. An Empirical study on Bhawal National Park, Gazipur, Bangladesh. Bangladesh Journal of Environmental Science, 18: 45-48. 2010.
7. M. M. Rahman, **F. Islam**, M. G H. Rahman, B. M. Z. Rahman and M. T. Islam. Study on livelihood and environmental Situations of Boror Char area of Mymensingh, Bangladesh. Bangladesh Journal of Environmental Science, 18: 21-24. 2010.
8. M. E. Haque, M.A. Haque, M.A.W. Golder, Sattar, M.A. Rahaman, **F. Islam** and M.T. Islam. Present status of Sal forest at Madhupur of Tangail. Bangladesh Journal of Environmental Science, Vol. 16. 56-59. 2009.

B. Publications Related To Agroforestry:

9. M. A. Hossain, **F. Islam**, N. Khanam, M. M. Islam and M. S. Hossain. *Phytophthora parasitica* causing Catharanthus blight and its biological control. Journal of Agroforestry and Environment, Vol. 3 (1). 123-126. 2009.
10. **F. Islam**, K.K. Islam and M.A. Rahim. Performance of winter vegetables in guava-coconut based multistrata Agroforestry system. Journal of Agroforestry and Environment, 2(1):35-38. 2008.
11. M. M. Islam, A. Islam, **F. Islam** and M. S. A. Fakir. Effect of planting date on canopy characters and capsule production in *Hibiscus sabdariffa* (var. sabdariffa) in the boundaries of rice field. Journal of Agroforestry and Environment, 2(1):137-142. 2008.
12. **F. Islam**, M.A. Salam and M.R. Uddin. Impact of homestead agroforestry system on the socio-economic conditions of farmers in the selected upzilas of Munshiganj district. Journal of the Bangladesh Society for Agricultural Science and Technology, 2(1&2): 123-127. 2005.
13. **F. Islam** and K.K. Islam. Performance of red amaranth growth in association with timber saplings in Agroforestry system. Bangladesh Journal of Crop Science, 16(1): 101-105. 2005.

C. Publications Related to Environmental Conservation:

14. M. M. Rahman, S. Sultana, **F. Islam**, M. G. H. Rahman and B. M. Z. Rahman. Efficacy of rice straw based composting for increasing soil nutrient status in the rice growing areas of Bangladesh. Bangladesh Journal of Environmental Science, 18: 41-44. 2010.
15. M. M. Rahman, **F. Islam**, B. M. Z. Rahman, M. Z. Islam and M. T. Islam. An overview of the bank erosion of the Old Brahmaputra River in Greater Mymensingh of Bangladesh. Bangladesh Journal of Environmental Science, 18: 25-28. 2010.
16. M. K. Uddin, M. A. Haque, **F. Islam**, M. A. G. Molla and M. A. Golder. Ecological status of old Brahmaputra river along the river bank sides of Mymensingh shadar. Bangladesh

Journal of Environmental Science, Vol. 16. 52- 55. 2009.

17. **F. Islam**, M. T. I. Mia, S. C. Barman, M. A. W. Goldera and M. A. Haque. Nutrient depletion and soil degradation at brick field areas at mukamtola of Bogra. Bangladesh Journal of Environmental Science, Vol. 16. 48-51. 2009.
18. K. M. Moniruzzaman, **F. Islam**, M. T. I. Mia, M. A. W. Golder and M. S. Rahman. Role of rice straw for increasing soil nutrient status in rice cultivated areas of Bangladesh. Bangladesh Journal of Environmental Science, Vol. 15: 218-221. 2008.
19. **F. Islam**, M.A. Mondol, M.A. Islam, K.M. Moniruzzaman and M.M. Alam. Effects of nitrogen and potassium fertilizer on performances of tomato. Bangladesh Journal of Environmental Science, 14(2): 247-250. 2008.

D. Publications Related To Water Environmental Science:

20. M. T. Islam. N. Sultana, A. Islam, M. M. Islam and **F. Islam**. Communities participation with water management improvement activities in Mymensingh district. Bangladesh Journal of Environmental Science, Vol. 30, 157-162, 2016 @ BAED ISSN 1-6.
21. M. G. J. Helal, M. S. Jaman, M. M. Islam, M.T. Islam and **F. Islam**. Environmental inception of water management organizations of mymensingh district. Bangladesh Journal of Environmental Science, Vol. 29, 157-162, 2015 @ BAED ISSN 1561-9206.
22. M. F. Haque, M. J. Miah, H. Akter, M. G. J.Helal and **F. Islam**. Study on water management approaches and agricultural prospects in faridpur district of bangladesh. Bangladesh Journal of Environmental Science, Vol. 29, 89-96, 2015 @ BAED ISSN 1561-9206.
23. M. F. Haque, M. J. Miah, H. Akter, M. S. Jaman and **F. Islam**. Social and women aspects in faridpur district of bangladesh. Bangladesh J. Environ. Sci., Vol. 29, 97-104, 2015 @ BAED ISSN 1561-9206.
24. J. A. Mamun, **F. Islam**, A. Islam, M.O. Islam and A. K. M. Azad-ud-doula Prodhan. Effect of foliar application of mydio on growth and yield of mustard. Bangladesh Journal of Agriculturist, Vol. 2. 67-71. 2009.

Publications Related To Postharvest Technology:

25. **F. Islam**, A. Islam, MAZ Al Munsur and MA Rahim. Shelf life and quality of guava cv. Kazi as affected by stages of ripening, storage temperature and wrapping materials. Progressive Agriculture, 19 (2): 1-12. 2008.
26. **F. Islam**, MAZ Al Munsur, A. Islam, AM Farooque & MA Rahim. Effect of stages of

ripening, storage temperature and wrapping materials on physiological and chemical characteristics of guava var. Swarupkathi. Bangladesh Journal of Crop Science, 19 (2):171-180.2008.

27. M. M. Islam, M. M. H. Bhuiyan, **F. Islam**, K. Nahar and B. M. Z. Rahman. Response of late transplant aman rice to various forms and timing of nitrogenous fertilizer application. Bangladesh Journal of Agricultural Science 30 (1): 51-55. 2003.
28. M. M. Islam, M. S. K. Khan, B. M. Z. Rahman, **F. Islam** and K. Nahar. Effect of nitrogen on growth, yield and quality of wheat. Bangladesh Journal of Agricultural Science, 30 (1): 43-49.2003.
29. M. M. Islam, M. R. Amin, M. A. Islam, **F. Islam** and K. Nahar. Effect of nitrogenous fertilizer on yield and quality of aromatic rice. Bangladesh Journal of Agricultural Science, 30(2): 287-293. 2003.
30. B.M.Z. Rahman, M.P. Anwar, S.M. Shahin, **F. Islam** and M.M. Islam. Response of wheat to phosphorus and boron Nutrition. Bangladesh Journal of Agricultural Science, 29 (1): 159-164.2002.
31. B.M.Z. Rahman, M.P. Anwar, S.M. Shahin, **F. Islam** and M.M. Islam. Response of wheat to phosphorus and boron Nutrition. Bangladesh Journal of Agricultural Science, 29 (1): 159-164.2002.

References

1. Shoji Ogha

Professor

Forest Production Control.

Laboratory of forest resource management,

Division of Forest Environmental Sciences,

Department of Agro-environmental Sciences,

Faculty of Agriculture,

Graduate school of Bioresource and Bioenvironmental Science,

Sasaguri 394, Fukuoka 811-2415,

Kyushu University,

JAPAN

e-mail:ohga@forest.kyushu-u.ac.jp

Tel: +81929483116

Fax: +81929483116

2. Dr. Kamrun Nahar

Researcher

Department of Molecular Biotechnology

Ghent University

653 Coupure Links

9000 Gent, Belgium

twshar@gmail.com

3. Md Anwarul Islam

Professor
Department of Agronomy
Bangladesh Agricultural University
Mymensingh 2202
Bangladesh
e-mail:anwarul113@gmail.com
tel. +88 091 61822