



Dr. Mohammad Aminul Islam

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ABOUT ME

I am Dr. Mohammad Aminul Islam, an Assistant Professor in the Department of Plant Pathology at the Faculty of Agriculture, Habiganj Agricultural University. With a strong focus on bioaugmentation, phytoremediation, plant disease management, molecular plant-microbe interactions, and disease identification and management through machine learning algorithms, I am committed to advancing knowledge in plant health and crop protection. I am dedicated to educating future agricultural professionals and conducting impactful research. I aim to connect scientific findings with real-world applications, equipping farmers and stakeholders with the tools needed to address plant diseases effectively.

I hold a PhD from the University of Malaya and have published extensively in peer-reviewed journals that emphasize innovative approaches such as phytoremediation, improving soil health through rhizobacteria, bioaugmentation aiming to improve soil health, and plant disease management to improve agricultural productivity and food security.

I possess a Master's degree in Plant Pathology along with a solid foundation in academics and focusing research on mango seedling diseases. During my Master's, I was awarded the National Science and Information & Communication Technology (NSICT) Fellowship from the Ministry of Science and Information & Communication Technology, Bangladesh.

In addition to research, I am passionate and dedicated to educating future agricultural professionals and conducting impactful research. Lead courses that I conduct on basic plant pathology, plant disease epidemiology, diagnostic techniques, or sustainable disease management and actively engage in outreach programs to promote agricultural sustainability.

WORK EXPERIENCE

20/03/2024 – CURRENT Habiganj, Bangladesh

ASSISTANT PROFESSOR HABIGANJ AGRICULTURAL UNIVERSITY

- Teaching a requisite number of classes
- Providing guidance and supervision to graduate students
- Participating in departmental meetings
- Conducting research to inovate new technologies and
- Providing academic support to Professors and other faculty members

01/08/2013 – 14/05/2017 Kuala Lumpur, Malaysia

UNIVERSITY RESEARCH ASSOCIATE UNIVERSITY OF MALAYA

- Prepare research proposals for submission to funding agencies.
- Conduct research-related tests and deliver qualitative results.
- Perform clerical duties related to the research project.
- Disseminate research findings by writing and
- publishing peer-reviewed articles.-Manage the acquisition of research materials from vendors.

EDUCATION AND TRAINING

01/09/2014 – 27/09/2018 Kuala Lumpur, Malaysia

DOCTOR OF PHILOSOPHY University of Malaya

Website www.um.edu.my | **Level in EQF** EQF level 8

Website <https://www.sau.edu.bd/> | Level in EQF EQF level 7Website <https://www.sau.edu.bd/> | Level in EQF EQF level 6**LANGUAGE SKILLS**Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1		C1	C1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user***CONFERENCES AND SEMINARS**

02/11/2014 – 05/11/2014 ASA, CSSA and SSAA International Annual Meeting, USA

Effects of Vermicompost, Compost and NPK Fertilizer on the Growth and Yield of Bush Bean, Yard long Bean and Winged Bean. ting, Nov. 2-5 at California, Long Beach Convention Center, California, USA.**PUBLICATIONS**2020
Lead (Pb), Zinc (Zn) and Copper (Cu) uptake by (Brassica juncea) grown in dumpsite soi

Islam, M. A., Rifat, R., & Afrin, S. (2020). Lead (Pb), Zinc (Zn) and Copper (Cu) uptake by (Brassica juncea) grown in dumpsite soil. Parana J. Sci. Edu, 6, 1-9.

2017
Yield and quality of amaranth and water spinach as affected by organic fertilizers and legume residues.

Islam M.A., N.B. Amru, M. Sofian Azirun, M.R. Motior, and and S. Afrin (2017). Yield and quality of amaranth and water spinach as affected by organic fertilizers and legume residues. JAPS: Journal of Animal & Plant Sciences, 29(1): 166-173.

2016
Effects of organic fertilizers on the growth and yield of bush bean, winged bean and yard long bean

Islam M.A., N.B. Amru, M.R. Motior, M. Sofian Azirun and M.A. Ashraf (2016). Effects of organic fertilizers on the growth and yield of bush bean, winged bean and yard long bean. Brazilian Archives of Biology & Technology. 59:1-9.

2014
Growth and photosynthesis responses of long bean (Vigna unguiculata) and mungbean (Vigna radiata) response to fertilizer

Nursu'aidah, H., M.R., Motior, M. Nazia and M.A. Islam (2014). Growth and photosynthesis responses of long bean (Vigna unguiculata) and mungbean (Vigna radiata) response to fertilizer. JAPS: Journal of Animal & Plant Sciences. 24(2): 573-578.

2014
Tropical legume crop rotation and nitrogen fertilizer effects on Agronomic and nitrogen efficiency of rice

Motior, M.R., M.A. Islam, M. Sofian Azirun and N.B. Amru (2014). Tropical legume crop rotation and nitrogen fertilizer effects on Agronomic and nitrogen efficiency of rice. The Scientific World Journal, 2014(1), 490841.

2014

Control measures of sprangletop (Leptochloa chinensis) resistant biotype using propanil, quinclorac and cyhalofop-butyl. International Journal of Agriculture and Biology

Motior M.R., M.A. Islam.....and S. Ismail (2014). Control measures of sprangletop (Leptochloa chinensis) resistant biotype using propanil, quinclorac and cyhalofop-butyl. International Journal of Agriculture and Biology. 16(4):801-806.

2014

Agronomic and nitrogen recovery efficiency of rice under tropical conditions as affected by nitrogen fertilizer and legume crop rotation. JAPS: Journal of Animal & Plant Sciences

Motior, M.R., M.A. Islam,....and N.B. Amru (2014). Agronomic and nitrogen recovery efficiency of rice under tropical conditions as affected by nitrogen fertilizer and legume crop rotation. JAPS: Journal of Animal & Plant Sciences, 24(3): 891-896.

● **HONOURS AND AWARDS**

2008

National Science and Information & Communication Technology (NSICT) Fellowship from the Ministry of Science and Information & Communication Technology, Bangladesh. – Ministry of Science and Information & Communication Technology, Bangladesh.

2014

IGRAS – University of Malaya

- Provided waiver of tuition fee during PhD
- Provided living expenses
- Provided research expenses

● **PROJECTS**

01/07/2024 – CURRENT

Adaptation of Climate Resilient and Precision Agriculture to Develop Multi Crop Cultivation Method in Habiganj Haor Basin by Cultivating Boro Rice with French Bean as relay Crop

I hereby consciously certify that all of above information is correct and that it accurately represents my credentials, experience, and myself. If there is any misinformation, I shall be held personally responsible for it.

Habiganj, Bangladesh , 06/01/2025



Dr. Mohammad Aminul
Islam