



Md. Abubakar Siddik

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ABOUT ME

A highly dedicated and ambitious academic professional with proficient experience in agricultural research and higher education. Holding a Doctorate, I bring a strong foundation in research, teaching, and curriculum development. As a proven leader, I have successfully served as the Chairman of the Department, overseeing faculty and students, while fostering a collaborative and innovative academic environment. My expertise extends to academic governance and policy or curriculum design, ensuring a positive and productive learning atmosphere as a member of the Academic Council. As part of the Proctor team, I have demonstrated strong organizational and administrative skills, maintaining academic integrity and ensuring smooth examination processes. I am committed to upholding the highest standards of innovative advanced research, strategic academic and administrative leadership, student welfare, and institutional growth through further collaboration with national, private, NGOs, and international organizations.

EDUCATION AND TRAINING

2016 – 2019 Beijing, China

PH.D. Graduate School of Chinese Academy of Agricultural Sciences

Website <https://gs.caas.cn/en/>

2012 – 2015 Dhaka, Bangladesh

MASTER OF SCIENCE Sher-e-Bangla Agricultural University

Website <https://www.sau.edu.bd/>

2007 – 2010 Dhaka, Bangladesh

B.SC.AG. (HONS.) Sher-e-Bangla Agricultural University

Website <https://www.sau.edu.bd/>

WORK EXPERIENCE

05/2023 – CURRENT Habiganj, Bangladesh

ASSISTANT PROFESSOR, DEPARTMENT OF CROP BOTANY HABIGANJ AGRICULTURAL UNIVERSITY (HAU)

05/2023 – CURRENT Habiganj, Bangladesh

CHAIRMAN (ACTING) DEPARTMENT OF CROP BOTANY HABIGANJ AGRICULTURAL UNIVERSITY (HAU)

06/2023 – CURRENT Habiganj, Bangladesh

ASSISTANT PROCTOR HABIGANJ AGRICULTURAL UNIVERSITY

07/2024 – CURRENT Habiganj, Bangladesh

PROJECT INVESTIGATOR (PI) HABIGANJ AGRICULTURAL UNIVERSITY

Project: Identification and documentation of cultivated tea cultivars in Bangladesh
UGC Funded Research Grants for 2024-2025

2023 – 2024 Habiganj, Bangladesh

CHIEF PROJECT INVESTIGATOR (CPI) HABIGANJ AGRICULTURAL UNIVERSITY

Project: Germplasm and Herbarium to Research, Study and Enrich Diversity of plants in Habiganj Agricultural University, R&D project-2023-2024 from Ministry of Science and Technology, Bangladesh

2023 – 2024 Habiganj, Bangladesh
PROJECT INVESTIGATOR (PI) HABIGANJ AGRICULTURAL UNIVERSITY

Project: Roof Top Garden to Enrich Research, Study and Biodiversity, University Grants Commission of Bangladesh (UGC), HAURES 23-24, Habiganj Agricultural University

03/2016 – 06/2020 Beijing, China
ASSISTANT RESEARCHER CHINESE ACADEMY OF AGRICULTURAL SCIENCES

Project: Characteristics and mechanism of responses to temperature and light of high quality and high yield rice varieties, Chinese Academy of Agricultural Sciences, Beijing, China

06/2015 – 11/2015 Dhaka, Bangladesh
ASSITANT RESEARCHER SHER-E-BANGLA AGRICULTURAL UNIVERSITY

Project: Rooftop Gardening: Finding Potential Scopes to Socialize Green Practices of Urban Dwellers), Sher-e-Bangla Agricultural University, Islamic Relief, Bangladesh

2015 – 2016 Dhaka, Bangladesh
ASSISTANT RESEARCHER SHER-E-BANGLA AGRICULTURAL UNIVERSITY

Project: Action Research on Farmers Field Laboratory Crops for Future Development), Sher-e-Bangla Agricultural University, Islamic Relief, Bangladesh

2014 – 2015 Dhaka, Bangladesh
ASSISTANT RESEARCHER SHER-E-BANGLA AGRICULTURAL UNIVERSITY

Project: Mitigation of Salt Stress by Foliar Application of Jasmonic Acid in Wheat), Sher-e-Bangla Agricultural University, Ministry of Science and Technology, Bangladesh

01/2013 – 12/2013 Dhaka, Bangladesh
ASSISTANT RESEARCHER SHER-E-BANGLA AGRICULTURAL UNIVERSITY

Project: Effect of Submergence on the Ripening Phase of some Hybrid Rice Varieties in Boro Season, Sher-e-Bangla Agricultural University, University Grants Commission of Bangladesh (UGC)

● **HONOURS AND AWARDS**

2018
Beijing Government Scholarship (Ph.D. degree) – Institute of Crop Sciences, Chinese Academy of Agricultural Sciences; Beijing, China

2016
Graduate School of Chinese Academy of Agricultural Science 2016/2019 Scholarship (Ph.D. degree) – Institute of Crop Sciences, Chinese Academy of Agricultural Sciences; Beijing, China

2013
National Science and Technology (NST) Fellowship (Master degree) – Bangladesh Ministry of Science and Technology

● **CONFERENCES AND SEMINARS**

23/02/2024 – 24/02/2024 BPST, BRRI, Gazipur, Bangladesh
3rd International Conference on Plants for Food Security under Changing Climate

Poster Presentation

14/10/2018 – 17/10/2018 Yangzhou, Jiangsu, China

Crop science conference

Presenter - Global warming simulated extreme temperature perhaps distress grain yield and quality of rice

08/09/2018 – 09/09/2018 Changsha, Hunan, China

1st International Forum on Rice Development

08/08/2018 – 09/08/2018 Harbin, Heilongjiang, China

Farming System conferences

17/08/2017 – 20/08/2017 Hefei, Anhui, China

17th National conference on developing management theory for higher yield and quality rice

14/08/2016 – 19/08/2016 Beijing, China

7th International Crop Science congress

08/08/2016 – 10/08/2016 Urumqi, Xinjiang, China

Farming System conferences

16/06/2015 Sher-e-Bangla Agricultural University, Bangladesh

Seminar on Pesticide Application

2016 – 2019 Institute of Crop Sciences, CAAS, Beijing, China

More than thirty international seminar, training or workshop on research, teaching and forthcoming project management (compulsory for Ph.D. in CAAS)

PUBLICATIONS

Effect of Different Mulch Materials on Yield and Nutrition Profile of Common Capsicum (Capsicum annuum) Cultivars in Bangladesh

Biswas, P., Siddik, M. A., ... & Robin, M. H. (2024). Agricultural Sciences, 15(2), 246-255.

Rooftop Garden to Enrich Research, Study and Biodiversity at Habiganj Agricultural University

Siddik, M.A. (2024). "3rd International Conference of BSPST on Plant for Food Security under Changing Climate", 23-24 February 2024, Bangladesh Rice Research Institute

Responses of indica rice yield and quality to extreme high and low temperatures during the reproductive period

Siddik, M. A., Zhang, J., Chen, J., Qian, H., Jiang, Y., kareem Raheem, A., ... & Zhang, W. (2019). European Journal of Agronomy, 106, 30-38.

Greenhouse gas emissions from a rice-rice-green manure cropping system in South China

Raheem, A., Zhang, J., Huang, J., Jiang, Y., Siddik, M. A., Deng, A., ... & Zhang, W. (2019). Geoderma, 353, 331-339.

Morpho-physiological and yield contributing characters and yield of sesame with 1-Napthalene Acetic Acid (NAA)

Siddik, M. A., Islam, M. M., Hoque, M. A., Islam, S., Parvin, S., & Rabin, M. H. (2015). Journal of Plant Sciences, 3(6), 329-336.

Combined Effect of Nitrogen and NAA on Morphological Characters of Sesame

Siddik, A., Shirazy, B. J., Islam, M. M., Hoque, A., & Haque, M., (2016). Scientia Agriculturae 3(1), 7-14

Variation in growth and yield of tomato at different transplanting time

Islam, S., Islam, M. M., Siddik, M. A., Afsana, N., Rabin, M. H., Hossain, M. D., & Parvin, S. (2017). International Journal of Scientific and Research Publications, 7(2), 142-145.

Reproductive behavior of tomato plant under saline condition with exogenous application of calcium

Parvin, K., Ahamed, K. U., Islam, M. M., Haque, M. N., Hore, P. K., Siddik, M. A., & Roy, I. (2015). Mid East J Sci Res, 23, 2920-2926.

Foliar application of urea and magic growth liquid fertilizer on the yield and nutrient content of aman rice cultivars

Rabin, M. H., Razzaque, M. A., Zamil, S. S., Zaman, A., & Siddik, A. (2016). American-Eurasian Journal of Agriculture and Environmental Sciences, 16, 737-743.

Growth parameters of aman rice as influenced by the foliar application of urea and magic growth liquid fertilizer

Rabin, M. H., Razzaque, M. A., Zamil, S. S., Zaman, A., & Siddik, A. (2016). IJCR, 16(4), 737-743.

Combined effect of nitrogen and NAA on the yield of Sesame (Sesamum indicum L.)

Siddik, A., Shirazy, B. J., Islam, M. M., Hoque, A., & Haque, M. (2016). Scientia, 13(1), 1-9.

Influence of nitrogen and phosphorus on the growth and yield of BRRI dhan57

Imrul, M. H., Jahan, M. A., Rabin, M. H., Yeasmin, M., Siddik, M. A., & Islam, S. (2016). Plant Science Today, 3(2), 175-185.

Response of seed yield contributing characters and seed quality of rapeseed (Brassica campestris L.) to nitrogen and zinc

Rimi, T. A., Islam, M. M., Siddik, M. A., Islam, S., Shovon, S. C., & Parvin, S. (2015). International Journal of Scientific and Research Publications, 5(11), 187-193.

Anomalous Responses of Rice Yield and Quality in Extreme Climate to Predict and Escape Future Damages

Siddik M. A., Onika J. C., Faguna I. A., Alam A. M.. (2014). Scope Journal, 14(1), 354-366.

CERTIFICATION

2020

Certificate in Teaching English as a Foreign Language: ITTT-120 hour TEFL course, International TEFL and TESOL Training

RECOMMENDATIONS

Syed Sayeem Uddin Ahmed (Ph.D.) Professor

Vice-Chancellor, Habiganj Agricultural University, Temporary Campus, Vadoi, Habiganj -3300

Email hmedssu.eph@sau.ac.bd | **Phone** (+880) 1711701552

Zhang Weijian (Ph.D.) Professor

Institute of Crop Sciences, Chinese Academy of Agricultural Sciences/ Key Laboratory of Crop Physiology and Ecology, Ministry of Agriculture, Beijing 100081, China.

Email zhangweijian@caas.cn | **Phone** (+86) 1062156856

Mohammad Mahbub Islam (Ph.D.) Professor

Department of Agricultural Botany, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh

Email mahbubislam_sau@yahoo.com | **Phone** (+880) 1745856611