

CV of Mirza Hasanuzzaman

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Designation: *Professor*

Affiliation: Department of Agronomy, Sher-e-Bangla Agricultural University (SAU), Dhaka-1207, Bangladesh

EDUCATIONAL QUALIFICATIONS:

2018, *Postdoctorate* from Tasmanian Institute of Agriculture, University of Tasmania, Australia.

2017, *Postdoctorate* from Center of Molecular Biosciences, University of the Ryukyus, Okinawa, Japan.

2012, *Doctor of Philosophy* (PhD) from United Graduate School of Agril Sciences, Ehime University, Japan. Grade: **Excellent**

2005, *Master of Science* in Agronomy from Sher-e-Bangla Agricultural University, Dhaka. CGPA: 4.0 in a scale of 4.0 (**First**)

2000, *Bachelor of Science* in Agriculture (Honours) from SAU, Dhaka. Result: First Class; **Merit Position: First**

AWARD, SCHOLARSHIP AND OUTSTANDING PERFORMANCES:

2020: *Fellow of Bangladesh Academy of Sciences (BAS)*.

2017: *Endeavour Research Fellowship* (The most prestigious fellowship in Australia) for Postdoctoral Research.

2016: *Genius Award 2016* from Bangladesh Education Observer Society.

2015: *Japanese Society for the Promotion of Science (JSPS) Fellowship* [One of the most prestigious fellowships in the world].

2015: *Gold Medal Award* (Sher-e-Bangla Agricultural University Award).

2014: *The World Academy of Science (TWAS) Young Scientist Award* in Biological Science Group.

2009: *Japanese Government (Monbukagakusho) Scholarship 2009/2012* [Asia's most prestigious scholarship].

PROFESSIONAL EXPERIENCES:

June, 2017 – Present: *Professor*, Department of Agronomy, Sher-e-Bangla Agricultural University (SAU), Dhaka

June, 2013 – May 2017: *Associate Professor*, Department of Agronomy, Sher-e-Bangla Agricultural University (SAU), Dhaka

June, 2008 – May 2013: *Assistant Professor*, Department of Agronomy, SAU, Dhaka, Bangladesh.

June, 2006 – May, 2008: *Lecturer*, Department of Agronomy, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

August, 2005 – May, 2006: *Part-Time Teacher*, Department of Agronomy, SAU, Dhaka, Bangladesh.

RESEARCH EXPERIENCES: 13 years [Specialization in Plant Stress Physiology, Agronomy, and Crop Science]

Project: Completed two (2) international projects (World Bank and FAO) and four (4) national project (MOST and UGC)

PUBLICATIONS:

List: <https://www.scopus.com/authid/detail.uri?authorId=26030936600>

Research Gate Score: 45.11 [Among the top 5 highly cited researchers in Bangladesh and top 2% in the world]

Total Citation: >7500; h-index: 45; Gene sequence: 1

- Books (Springer, CRC Press, Wiley, Elsevier, USA, etc.): **20**
- Book Chapters (Published by Springer, Elsevier, Taylor & Francis, Wiley etc.): **58**
- Journal Articles (SCI: 98, Non-SCI: 22); Total: **170**

Most recent papers

- Hasanuzzaman et al. (2020) Reactive oxygen species and antioxidant defense in plants under abiotic stress: Revisiting the crucial role of a universal defense regulator. *Antioxidants* 9(8), 681. doi:10.3390/antiox9080681
- Hasanuzzaman et al. (2020) Selenium in Plants: Boon or Bane? *Environmental and Experimental Botany*. 178: 104170. doi:10.1016/j.envexpbot.2020.104170.
- Hasanuzzaman et al. (2019) Silicon-induced antioxidant defense and methylglyoxal detoxification works coordinately in alleviating nickel toxicity in *Oryza sativa* L. *Ecotoxicology* 28:261-276. doi: 10.1007/s10646-019-02019-z

Conference Abstracts: 45

EDITORIAL ACTIVITIES:

Recipient of Publons Global Peer-Review Award: <https://publons.com/researcher/453402/mirza-hasanuzzaman/>

- Editorial Advisory Board: *Plant Physiology and Biochemistry* (December 2018-Present)
- Academic Editor of *Advances in Agriculture*; *International Journal of Genomics*
- Associate Editor of *PeerJ*, *International Journal of Genomics*, *Phyton*, *Biocell*, *Annals of Agricultural Science*
- Member of the Editorial Board of *International Journals: 12 Journals*
- Reviewers of SCI indexed *International Journals: 81 Journals* (e.g. *BMC Plant Biol.*, *PLOS One*, *Front. Plant Sci.*)
- Reviewers of Non-SCI indexed *International Journals: 51 Journals*

EVENTS PARTICIPATION: More than **20** international conferences, **30** Seminars, **10** Workshops and **40** Webinars.

TRAINING: Received more than **10** international training and intensive course on research, teaching and project management.

INTERNATIONAL ACADEMIC INVOLVEMENT: Member of the Board of Studies (BOS) and Curriculum Development Expert in Texila American University, Guyana.

SOCIETAL MEMBERSHIPS: Life Member/General Member of **72** professional societies (International: 58, Local: 14)

- *Member of Bangladesh Society of Agronomy (BSA)*
- *Member of Japanese Universities Alumni Association in Bangladesh (JUAAB)*
- *Treasurer of Bangladesh JSPS Alumni Association (BJSPSAA)*

COUNTRY VISITED: USA, England, Australia, Japan, France, Germany, Denmark, Sweden, Norway, Finland, Spain, Belgium, Italy, Vatican City, Austria, Netherlands, Switzerland, Greece, Slovakia, Hungary, Czech Republic, South Korea, Russia, China, Hong Kong, Taiwan, Thailand, Vietnam, Singapore, Malaysia, United Arab Emirates, Bhutan, Sri Lanka, Nepal, India