

Curriculum Vitae of Dr. Mohamamad Zahidul Islam

Dr. Mohamamad Zahidul Islam

Scientific Officer

Genetic Resources and Seed Division

Bangladesh Rice Research Institute (BRRI)

Gazipur-1701, Bangladesh

Phone : +88 -02- 9294117-21, Ext. 214 (Res) or 250 (Off)

Fax: +88-02-9261110

Cell Phone:01818819295

E-mail: zahid.grs@gmail.com



(A) Personal Information

Name : Dr. Mohammad Zahidul Islam
Father's Name : Late Mohammad Joynal Abedin
Occupation : Govt. primary school teacher.
Mother's Name : Jobeda Khatun
Permanent address : Vill.- Parkushia
P.O.-Gharinda
P. S.-Tangail Sadar
Dist.-Tangail
Date of Birth : 30th November, 1977
Religion : Islam (Sunni)
Marital status : Married
Blood Group : B(-)ve
Height : 5'-7.5"
Complexation : Fair
Weight : 76 kg.

(B) Educational Qualification:

Name of Exam.	Year	Board/University	Division
S.S.C.	1992	Dhaka	First
H.S.C.	1994	Dhaka	First
B. Sc. Ag	1998 (Held in 2001)	Sher-e-Bangla Agricultural University, Dhaka	Second
M. Sc. in Crop Botany	2004	Bangladesh Agricultural University, Mymensingh	Higher Second
PhD in Genetics and Plant Breeding	2015	Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706	Satisfactory

(C) Local Training:

Course Title	Institution	Location	Period		Grade
			From	To	
Theoretical and Applied Molecular Breeding	BIRRI	Gazipur	24.09.2012	29.09.2012	Satisfactory
Data Management (GENSTAT, SPSS, MSTAT, Microsoft Excell and CROPSTAT)	BSMRAU	Gazipur	24.11.2011	08.12.2011	Satisfactory
1-Month Rice Production Training Course	BIRRI	Gazipur	21.03.2010	19.04.2010	Satisfactory
Foundation Training Course for NARS Scientists	BARD	Comilla	27.01.2009	24.05.2009	Satisfactory
Postgraduate certificate course on seed technology	BSMRAU	Gazipur	19.10.2008	13.01.2009	Satisfactory
Breeder Seed Production and Preservation of Rice	BIRRI	Gzazipur	14.06.2008	16.06.2008	Satisfactory
Hybrid Rice Seed Production Technology	BIRRI	Gazipur	06.04.2008	10.04.2008	Satisfactory
Conservation and Utilization of Plant Genetic Resources	BARI	Gazipur	05.02.2007	08.02.2007	Satisfactory
Genebank Data Management and Documentation	BIRRI	Gazipur	12.06.2006	14.06.2006	Satisfactory
Hybrid Rice Development and Seed Production	BIRRI	Gazipur	19.03.2006	23.03.2006	Satisfactory
Breeder Seed Production and Preservation	BIRRI	Gazipur	20.11.2005	22.11.2005	Satisfactory

(D) Foreign Training:

Course Title	Institution	Country	Period		Grade
			From	To	
Regional Training of Trainers Programme on Hybrid Rice Cultivation Technology	Yuan LongPing High Tech Agriculture Co. Ltd. Changsha, Hunan, China	China	24.08.2009	04.09.2009	Successfully completed

Field of Specialization:

Genetic Resources Conservation and Management, Crop Variety Development and Seed Technology

Professional Experience:

- Collection, identification, rejuvenation, characterization, duplicate sorting, evaluation and documentation of rice germplasm
- Designing, planning and execution of laboratory and field experiments on rice germplasm management and rice seed technologies
- Crossing Experiment, screening of rice germplasm for their resistance to biotic and abiotic stresses to assist in resistance breeding program
- Engaging with rice breeder seed production and distribution of BIRRI released and recommended varieties
- Monitoring of rice seed production farms of different seed producing organizations in the country
- Trainer for training to research and agricultural extension personnel, NGO, Private sector personnel about modern rice production and preservation technologies
- Preparation of some satisfactory project initiation and completion reports as well as quarterly progress report, which helped in smooth continuation of project
- Data analysis and interpretation of research results, report writing and presentation, yearly program preparation.

Involvement in Professional Association:

Association name	Nature of membership	Year of registration
BRRRI Scientist Association	General Member	2007
Krishibid Institution of Bangladesh	General Member	2007
Plant Breeding and Genetics Society of Bangladesh	Life Member	2010
Bangladesh Society of Seed Technology	Life Member	2010
Bangladesh Association for the Advancement of Science	Life Member	2014

Computer and Language Proficiency:

1. Computer proficiency in Windows XP operating system; 'Office XP' applications (Word, Excel, Power point,); Mstat, Genstat-513, Power Marker 3.25, NTSYSPC2, SPSS, AlphaEaseFC5.0, etc.
2. Very Good in **Bengali** (mother language) and **English** (Reading, Writing, Listening and Speaking).

Interest: Reading Books & Newspapers, Watching TV Prog. & Travelling.

Publications:

- No. of full paper as the Principal Author- 07
- No. of full paper as Co-Author- 17
- No. of Books/ Monographs/ Bulletins - 06
- No. of papers in the Seminar/ Symposium/ Workshop/Abstract and Popular Articles-09

Publication records (39)

(a) Scientific Journals (24)

As Principal author (07)

1. **M Z Islam**, S Banik, MA Haque, MA Siddiquee, M Khalequzzaman and MAK Mian. 2013. Physico-chemical and cooking properties of local aromatic rice germplasm in Bangladesh. Eco-friendly Agril. J. 6(10): 243-248
2. **M. Z. Islam**, M. A. Baset Mia, M. R. Islam and A. Akter. 2007. Effect of different saline levels on growth and yield attributes of mutant rice. J. Soil. Nature.1 (2):18-22
3. **M. Z. Islam**, M. A. Baset Mia, A. Akter and M. H. Rahman. 2007. Biochemical attributes of mutant rice under different saline levels. Int. J. Sustain. Crop Prod. 2(3):17-21
4. **M. Z. Islam**, H. Begum, M. A. Siddique, A. Bhuiya and M. M. R. Dewan. 2009. A study on wheat seed quality in different storage containers. Eco-friendly agril. J. 2(12):1033-1037
5. **M Z Islam**, K Akter, ESMH Rashid, M Khalequzzaman and M K Bashar. 2009. Genetic diversity of local irrigated rice (*Oryza sativa* L). Bangladesh. J. Pl. Breed Genet, 22(2): 51-56
6. **M Z Islam**, M Khalequzzaman, M A Siddique, M S Ahmed and M H K Baktiar. 2011. Seed dormancy of aman rice varieties of Bangladesh. Seed Tech. J. 1:52-56

7. **M. Z. Islam**, M. A. Siddique, E. S. M. H. Rashid, M. S. Ahmed and M. Khalequzzaman. 2014. Genetic Diversity in Sadajira Rice (*Oryza sativa* L.) Germplasm. The Agriculturists. 12(1): 26-32

As Co-author (18)

08. S Banik, **M Z Islam**, M A Haque, M A Siddique, A Mallik and M A Siddique. 2012. Physico-chemical properties based genetic diversity of T. aman rice genotypes. Eco-friendly agril. J. 5(07):69-72
09. A. Akter, E. Ali, **M. Z. Islam**, R. Karim and A.H. M. Razzaque. 2007. Effect of GA3 on growth and yield of mustard. Int. J. Sustain. Crop Prod. 2(2)16-20
10. A. Akter, M. R. Karim, M. U. Kulsum, **M. Z. Islam** and A. H. M. Razzaque. 2007. Effect of GA3 and different harvesting date on siliqua shattering of mustard variety binasarisha-3. Int. J. Sustain. Agril. Tech. 3(2):19-23
11. M. H. Rahman, M. M. Khatun, M. A. A. Mamun, **M. Z. Islam** and M. R. Islam. 2007. Effect of number of seedling hill-1 and Nitrogen level on growth and yield of BRRI dhan32. J. Soil. Nature.1 (2):1-2
12. M S Ahmed, M Khalequzzaman, Khaleda Akter, ESMH Rashid and **M Z Islam**. 2008. Variation, character association and path analysis in rice (*Oryza sativa*) accessions having duplicate name. Int. J. BioRes. 4(2): 28-33
13. M. Khalequzzaman, **M. Z. Islam**, Khaleda Akter and M. K. Bashar. 2008. Genetic diversity in local rainfed lowland rice (*Oryza sativa* L.) in Bangladesh. Bangladesh J. Genet Pl. Breed., 21(1): 49-54
14. ESMH Rashid, M T Islam, I Hossain and **M Z Islam**. 2009. Integrated management of sheat blight (*Rhizoctonia solani* Kuhn) disease of rice. Int. J. BioRes. 7(2): 6-17
15. M. R. Islam, M. S. H. Khan, **M. Z. Islam** and N. H. Karim. 2009. Performance of different media on callus induction and plant regeneration from anthers of rice (*Oryza sativa* L.) species. Bangladesh J. Agri. 2009, 34(1):77-81
16. Armin Bhuiya, M. S. Hossain, S. R. Bhuiya, M. A. Siddique and **M. Z. Islam**. 2010. Isolation and characterization of maintainers and restorers from inter sub-specific (Indica x Japonica) derivative lines of rice. Eco-friendly agril. J. 3(1):38-44
17. M A Siddique, ESMH Rashid, M Khalequzzaman, **M Z Islam**, M S Ahmed and M H K Baktiar. 2010. Genetic diversity of local rainfed rice (*Oryza sativa* L.). Bangladesh J. Pl. Breed. Genet., 23(2):41-46
18. M A Siddique, **M Z Islam**, M Khalequzzaman and M S Ahmed. 2011. Genetic diversity in rice (*Oryza sativa* L.) landraces of hilly areas in Bangladesh. Bangladesh J. Pl. Breed. Genet., 24(2):25-30
19. M A Siddique, **M Z Islam**, M Khalequzzaman and M H K Baktiar. 2012. Seed dormancy of some modern Boro and Aus varieties of Bangladesh. Seed Tech. J. 3:18-21

20. M A Siddique, M Khalequzzaman, **M Z Islam**, M S Ahmed and ESMH Rashid. 2013. Genetic diversity in local Boro rice (*Oryza Sativa* L.) genotypes of Bangladesh. Bangladesh J. Pl. Breed. Genet., 26(1): 19-24
21. M H K Baktiar, M A Siddique, M Khalequzzaman, A Bhuiya and **M Z Islam**. 2013. Effect of maturity period and harvesting time on quality and yield in breeder seed of rice (*Oryza sativa* L.). Eco-friendly Agril. J. 6 (11): 249-252
22. M Anisuzzaman, M R Islam, H Khatun, T K Hore and **M Z Islam**. 2013. Effect of gamma radiation and dutura alkaloides on yield and yield attributes of BRRI dhan29. Intl. J. BioRes.15 (5):1-5
23. M R Islam, M Anisuzzaman, H Khatun, N Sharma, **M Z Islam**, A Akter and Partha S. Biswas. 2014. Ammi analysis of yield performance and stability of rice genotypes across different haor areas. Eco-friendly Agril. J. 7(02): 20-24
24. H. Begum, M. A. Motalib, **M. Z. Islam**, A. I. Saki and M. Akter. Effect of different pH levels on plant regeneration from the explants of jute. Bangladesh J. Agril. Res. 2(10) :5-10 , 2010.

(b) Books/ Monographs/ Bulletins (06):

(i) Book (01):

As Principal author: Nil

As co- author (01)

1. M K Bashar, **M Z Islam** , M A Siddique & M Khalequzzaman. 2011. Passport Data of Rice Germplasm collected from hilly, coastal, haor and other areas of Bangladesh. ed. MK Bashar. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute Gazipur- 1701. 40p.

Bulletins (05):

As co-author (05)

1. M A Siddique, M Khalequzzaman, ESMH Rashid, **M Z Islam** & M K Bashar. 2011. Bulletin on “BRRI dhan49: Quality seed production and preservation (in Bengali)”. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute, Gazipur- 1701.
2. M K Bashar, M A Siddique, M Khalequzzaman, **M Z Islam**, ESMH Rashid & MHK Baktiar. 2011. Bulletin on “Collection of Rice Germplasm from hilly, coastal and haor areas of Bangladesh (in Bengali)”. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute Gazipur- 1701.
3. Ahmed, MS, **M Z Islam**, ESMH Rashid, M Khalequzzaman, and MK Bashar. 2008. Bulletin on quality seed production and preservation techniques of BRRI developed Aus rice variety. (In: Bengali). Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute in June 2008.
4. ESMH Rashid, **M Z Islam**, MS Ahmed, M Khalequzzaman and MK Bashar. 2008. Bulletin on quality seed production and preservation techniques of BRRI developed long duration boro rice variety. (In: Bengali). Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute in June 2008.
5. M Khalequzzaman, **M Z Islam**, ESMH Rashid, MS Ahmed and MK Bashar. 2008. Bulletin on quality seed production and preservation techniques of BRRI developed Aromatic rice

variety. (In: Bengali). Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute in June 2008

(c) Seminar/ Workshop/ Symposium /Proceedings/ Abstract/ Popular article:(09)

As Principal author (01)

1. M. Z. Islam and M. Khalequzzaman. 2011. Flash flood tolerance variety: BRRI dhan51 and BRRI dhan52 (in bengali). A popular article published in monthly bulletin Krishikotha. P.3-4

As co- author (07)

1. E S M H Rashid, M S Ahmed and **M Z Islam**. 2008. Proceedings of the planning workshop for increased quantity breeder seed production from 2005 to2008. Edited by Bashar MK and M Khalequzzaman. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute, Gazipur-1701.
- 2.
2. M A Siddique, **M Z Islam**, ESMH Rashid and MK Bashar. 2010. Exploration and Collection of Rice Germplasm from Haor areas of Bangladesh. ed. MK Bashar. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute, Gazipur- 1701. 20p.
3. ESMH Rashid, **M Z Islam** & M A Siddique. 2010. Exploration and Collection of Rice Germplasm from Hilly areas of Bangladesh ed. MK Bashar. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute, Gazipur- 1701. 18p.
4. M A Siddique, **M Z Islam**, ESMH Rashid, M Khalequzzaman & M K Bashar. 2010. Annual progress report on Rice Germplasm Collection and Conservation from Hilly, Coastal, Haor and other areas of Bangladesh ed. MK Bashar. Published by Genetic Resources and Seed Division, Bangladesh Rice Research Institute, Gazipur- 1701. 40p.
5. M A Siddique, N Islam, **MZ Islam** and SMM Islam. 2011. Effect of N Level on Growth and Yield of T. Aman Rice. Abstract in Souvenir of 10th conference of Bangladesh Society of Agronomy held at BARI during 8th October, 2011.
6. M. Khalequzzaman and **M. Z. Islam**.2010. Quality seed production and distribution system in Bangladesh. A popular article published in the column of the Guardian. P. 43-46.
7. M Khalequzzaman, **M Z Islam**, M A Siddique, MHK Baktiar, MS Ahmed and JK Biswas. 2014. Breeder Seed Production and Distribution System in BRRI. Paper in Souvenir of Annual General Meeting and Seminar-2014 during August 30, 2014 at Bangabandhu International Conference Centre, Dhaka. Organized by Bangladesh Seed Association.
8. **M. Z. Islam**, M. Khalequzzaman, M. K. Bashar , N. A. Ivy and M. A. K. Mian.2014. Molecular Diversity Analysis of Aromatic and Fine Rice Genotypes using SSR Markers. Abstract in Souvenir 9th Biennial Conference of Plant Breeding and Genetic Society of Bangladesh held at 25-26 October,2014 at KIB Auditorium and BARC Auditorium, Dhaka

Persons to Whom a Reference May be Made:

01. **Dr. Md. Khairul Bashar**, Country Manager, HarvestPlus, International Centre for Tropical Agriculture (CIAT) -Bangladesh.
Email: k.bashar@cgiar.org, mk.bashar@irri.org

02. **Dr. Mohammad Khalequzzaman**, Chief Scientific Officer and Head, Genetic Resources and Seed Division, Bangladesh Rice Research Institute, Gazipur-1701.
E mail: zamanmk64 @ yahoo.co.uk

02. **Prof. Dr. M. A. Khaleque Mian**, M. Sc. (Ag), PhD (IARI), Department of Genetics and Plant Breeding, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706.
Email: makmian@bsmrau.edu.bd



.....
(Mohammad Zahidul Islam)