

RESUME OF
Mrs. Afruz Zahan



MAILING ADDRESS

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CAREER OBJECTIVES

- To pursue higher education
- To build up career in Bangladesh Rice Research Institute, utilizing my excellent academic background, innovative skills and research experiences.
- To contribute effectively in the research field of crop physiology, better crop management and weed science to address the food security issue in my country.

RESEARCH INTEREST

- Fundamental problems relating to crop production particularly focusing on rice: a major food crop of Bangladesh
- Crop modeling
- Natural resource conservation
- Managing herbicide resistance in rice based cropping systems
- Effect of pesticides on soil environment and microorganism
- Develop advance technology on post harvest loss minimization

PERSONAL INFORMATION

Name : **AFRUZZAHAN**
Father's Name : Md. Aftabuddin
Mother's Name : Most. Raunak jahan
Nationality : Bangladeshi (By Birth)
Designation : Scientific Officer
Institution : Bangladesh Rice Research Institute, Gazipur, Bangladesh
Date of Birth : 19/06 /1982
Religion : Islam (Sunni)
Sex : FeMale
Marital Status : Married

PROFESSIONAL EXPERIENCE

Position	Organization	Period		
		From	To	Total Yr/Mo.
Senior Scientific	Bangladesh Rice Research Institute	20August, 2009	To date	12yr

ACADEMIC QUALIFICATION

Name of Examination	Board/University	Year of Passing	Group/Faculty	GPA/CGPA
Master of Science in Agril.Estension	Sher-e -bangla Agricultural University, Dhaka	2008	Agril.Estension	3.27 (out of 4.00)
Bachelor of Science in Agriculture	Sher-e -bangla Agricultural University, Dhaka	2004 held in 2006	Agriculture	2 nd class
H.S.C	Dhaka	1999	Science	1 st class
S.S.C	Dhaka	1997	Science	1 st class

TRAINING

Organization	Year	Duration (Days)	Name of the training program
Bangladesh Rice Research Institute, Gazipur	2014	60	Two-month rice production training
Bangladesh Rice Research Institute, Gazipur	2013	6	Integrated Rice Production Training Course.
Bangladesh Agricultural Research Council	2012	3	Seed quality Management
Bangladesh Rice Research Institute, Gazipur	2011	12	Technology of hybrid rice cultivation
Bangladesh Rice Research Institute, Gazipur	2010	3	Breeder seed production and preservation of rice.

LANGUAGE PROFICIENCY

Language	Standard of proficiency*		
	Reading	Writing	Speaking
English	Good	Good	Good
Bengali	Very Good	Very Good	Excellent

LIST OF PUBLICATIONS: Full Research Article (Total No. 16; as Principal author: 2, as Co-author: 14)

2021

1. M A. Hossain, MA Awal, MA Alam, MM, Ali, MR,Huda and A, **Zahan**. Do Hermetic Storage Technology Significantly Abate Losses of Rice Over Time? An Economic Evaluation 2021. *International journal of Management and Accounting*. 3(3),52-59.

2019

2. B Karmakar, M A AMamun, M S Rahman, M A Islam, M R Islam, M H R Mukul, Shamsunnaher, **A Zahan**, R Barua, M R Biswash, S Parveen, S Akter, N Y Shaikh and B Ahmed. 2019. Adaptation of Promising Rice Genotypes for Broadcast Aus Season. *Bangladesh Rice J.* 23 (2): 35-48.

2016

3. **A Zahan**, A. Ali, Md. Monjurul Alam 2016. Probability of mycotoxin contamination during post harvest operations of boro paddy. 2016. *Journal of the Bangladesh Agricultural University* 14(2): 135-140.

2015

4. M. R. Biswash, M. A. Islam, M. R. Islam, B. Karmakar, **A. Zahan**, R. Barua and M. S. I. Mamin. 2015. Performance of Some Rainfed Low Land Rice Genotypes in Different Agro-Ecological Conditions of Bangladesh. *App. Sci. Report.*, 9 (3): 161-165.
5. R Barua, M. R. Biswash, M. A. Islam, M. R. Islam, B. Karmakar, **A. Zahan**, M. S. I. Mamin. 2015. Performance of Some Salt Tolerant Rice Genotypes in Coastal Regions of Bangladesh under Irrigated Dry Season. *App. Sci. Report.*, 11 (72-75): 72-75.
6. M. S. I. Mamin, M. R. Biswash, R. Barua, **A. Zahan**, S. Naher, M. H. R. Mukul, B. Karmakar, M.R. Islam and M. A. Islam. 2015. Performance of Some Zinc Enriched Rice Genotypes in Different Agro-Ecological Conditions of Bangladesh. *Sci. Agri.*, 11 (1): 15-19.
7. B. Karmakar, MA Islam, MR Islam, MHR Mukul, MR Biswash, R Barua, **A Zahan**, S Naher, P Saha, S Parveen and MSI Mamin. 2015. On-farm Evaluation of Rice Genotypes under Drought Prone Rainfed Environments. *Sci. Agri.*, 12 (2): 72-77.

2014

8. M M Rana, M A A Mamun, **A Zahan**, M N Ahmed and M A J Mridha. 2014. Effect of Planting Methods on the Yield and Yield Attributes of Short Duration Aman Rice, *American Journal of Plant Sciences*, 5(3): 251-255. <http://dx.doi.org/10.4236/ajps.2014.53033>

9. R Barua¹ M N Islam² A Zahan³ S Paul⁴ and Shamsunnaher⁵. 2014. Effects of spacing and number of seedlings hill¹ on the yield and yield of BRRI dhan47 components . *Eco-friendly agriculture journal*. 7 (06):65-68

10. M. Arifullah¹, A Zahan² M M Rana³ M Adil⁴ and Shamsunnaher⁵. 2014. Attitude of the rural elite farmers towards extension activities performed by personnel of department of agricultural extension. *Bangladesh agriculture journal*. 12(1):96-102(2014).

11. Md.Saikat Hossain Bhuiyan¹, Afruz Zahan², Hasina Khatun², Mosud Iqbal², Farzana Alamand² Md Rezaul Manir². 2014. Yield performance of newly developed test crossed hybrid rice variety. *Ecofriendly agriculture journal* . 5(04):48-54.

2013

12. N Parvin¹ M R Islam² B Nessa³ A Zahan⁴ and MIM Akhand⁵. 2013. Effects of sowing time and plant density on growth and yield of stem amaranth (*Amaranthus lividus* L). *Ecofriendly agriculture journal*. 6(10):215-219.

13. Shamsunnaher¹, M A Gaffar², M H R mukul³, M R Biswash⁴ and A Zahan⁵. 2013. Study on the appropriate dose of BAP for regeneration of kenaf (*HIBISCUS CANNABINUS* L.) *Ecofriendly agriculture journal*. 6(01):06-09.

2012

14. A Zahan¹ N Parvin² R Barua³ MIM Akhand⁴ and M Adil⁵. 2012. Attitude towards rural women livestock rearing. *Eco-friendly agriculture journal*. 5(12):268-271

15. M Kadiruzzaman¹ A Sarker² M M Rana³ M I M Akhand⁴ A Zahan⁵ and M I U Sarkar⁶. 2012. Study on the use of rhizobacteria as an alternative of phosphatic fertilizers in tomato cultivation. *International journal of Bioresearch*. 512 (4):27-33.

16. Shamsunnaher⁵, M A Gaffar, M H R Mukul A P arvin and A Zahan. 2012. Cases of rice yield gap in different areas of comilla district: a case study. *International journal of Bioresearch*. 12 (4): 13-17.