

CURRICULUM VITAE

Personal Details

Name Niaz Md. Farhat Rahman
Father's Name Md. Hafizur Rahman
Mother's Name Nishana Noor
Spouse's Name Sabara Sultana
Date of Birth 01-11-1983
Place of Birth Dhaka, Bangladesh
Permanent Address Vill: Dodhiar Char; PO: Kajaikata; PS: Nakhla;
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(Home) Bangladesh Rice Research Institute (BRRI) R/A,
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Official Details

Position & Address **Senior Scientific Officer (SSO)**
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Nationality Details

Nationality Bangladeshi
National ID No. 5624601105373
Passport No. OC 4100461

Field of Specialization Agricultural Statistics

Education				
Degree	Year	University/Board	Major Subject/Field	Class/GPA
M.S.	2009	Bangladesh Agricultural University, Mymensingh, Bangladesh	Agricultural Statistics	3.796 (Out of scale 4.00) Position: 1st
B.Sc (Hon's)	2007	Shahjalal University of Science and Technology, Sylhet, Bangladesh	Statistics	3.48 (Out of scale 4.00) Position: 3rd
HSC	2000	Dhaka, Bangladesh	Science	First
SSC	1998	Dhaka, Bangladesh	Science	First

Major Research Interests

- Agricultural Statistics
- Crop modeling
- Econometric Modeling
- Remote Sensing and GIS
- Stochastic Frontier, Data Envelopment Analysis and Meta Frontier Models
- Biometry

Record of Academic Practical Sessions	
Course name	Major content
Statistical Computing-I	Introduction to Computer, FOTRAN, SPSS, STATA
Statistical Computing-I (Lab)	Application of different Statistical tools using SPSS and STATA
Statistical Computing-II	Simulation, SAS and R-language
Statistical Computing-II (Lab)	Data analysis using SAS and R

Employment Status:				
	Designation	Institute/Organization	Duration	Responsibility
01.	Senior Scientific Officer	Bangladesh Rice Research Institute (BRRI), Gazipur-1701	23/09/2014 to till date	Research and Administrative
02.	Scientific Officer	Bangladesh Rice Research Institute (BRRI), Gazipur-1701	06/01/2013 to 22/09/2014	Research and Administrative
03.	Lecturer (Statistics)	Bangladesh University 15/1, Iqbal road, Mohammadpur, Dhaka-1207	01/04/2012 to 05/01/2013	Teaching and research
04.	Lecturer (Statistics)	Mirpur University College, Mirpur-2, Dhaka-1216	01/07/2010 to 31/03/2012	Teaching and research
05.	Lecturer (Statistics)	Sheikh Fajilatunnesa Mujib Fisheries College Melandah, Jamalpur	14/02/2010 to 30/06/2010	Teaching, Research and Administrative
06.	Monitoring Officer	Mati NGO 67/1, S. A. Sarkar Road, Sankipara, Mymensingh	01/07/2007 to 30/06/2009	Project monitoring

Teaching Experiences:
<p>• Lecturer (Statistics), Dept. of Basic Sciences, Sheikh Fajilatunnesa Mujib Fisheries College, Melandah, Jamalpur, 14, February to 30, June, 2010. Courses taught: (i) Statistics and its lab course (ii) An Introduction to Computer (First degree / under-graduate level and Graduate level). Trainer, CETC, Sheikh Fajilatunnesa Mujib Fisheries College, Melandah, Jamalpur, 14, February to 30, June, 2010. Courses taught: (i) An Introduction to Microsoft Office Application</p> <p>• Lecturer (Statistics), Department of Business Administration, Mirpur University College, Mirpur-2, Dhaka-1216, 01 July, 2010 to 31 March, 2012. Courses taught: (i) Business Statistics (ii) Business Mathematics (iii) Statistics and Probability (iv) Statistics I & II (v) Social Statistics (First degree / under-graduate level and Graduate level).</p> <p>• Lecturer (Statistics), Department of Mathematics, Bangladesh University, 15/1, Iqbal road, Mohammadpur, Dhaka-1207, 01 April, 2012 to 05 January, 2013. Courses taught: (i) Business Statistics (ii) Economic Statistics (iii) Statistics (iv) Statistics I & II (v) Statistics and Probability (vi) Business Mathematics (First degree / under-graduate level and Graduate level). (vii) Quantitative Analysis (viii) Research Methodology (Masters level).</p>

Research Experiences:				
	Designation	Funded by	Duration	Project Name
01.	Research student	Department of Agricultural Statistics, Bangladesh Agricultural University, Mymensingh	01/01/2009 to 30/06/2009	Growth performance, Instability measurement and Forecasting of Pulse production in Bangladesh
02.	Research Associate	University Grants Commission, Bangladesh	01/07/2009 to 30/06/2010	Agriculture and Food Security in Bangladesh: Four Decades of Development
03.	Project Director	Ministry of Science, Information and Communication Technology, GoB	01/07/2011 to 30/06/2012	Efficiency of Boro Rice Farming Households in Selected Area of Bangladesh: A Data Envelopment Analysis with Bootstrap and Stochastic Frontier Approach
04.	Associate Investigator	Ministry of Science, Information and Communication Technology, GoB	01/07/2013 to continuing	Stochastic Frontier Approach and Data Envelopment Analysis for Efficiency and Environmental Awareness of Paddy Farmers in Bangladesh

Project Experiences in BRRRI:				
	Designation	Funded by	Duration	Project Name
01.	Principal Investigator	GOB, BRRRI	06/01/2013 to 30/06/2013	Prospects of Boro Rice Production in Bangladesh
02.	Co-Investigator	GOB, BRRRI	06/01/2013 to 30/06/2013	The Rainfall and Average Maximum Temperature Effects on Aman Rice Production of Bangladesh
03.	Co-Investigator	GOB, BRRRI	24/07/2013 to continuing	Stability Analysis of BRRRI Varieties
04.	Co-Investigator	GOB, BRRRI	24/07/2013 to continuing	Multivariate Analysis of BRRRI Varieties
05.	Co-Investigator	GOB, BRRRI	24/07/2013 to continuing	Genetic Coefficient of BRRRI Varieties
06.	Principal Investigator	GOB, BRRRI	01/07/2013 to continuing	An application of Box-Jenkins method for forecasting of Aus, Aman and Boro rice production in Bangladesh
07.	Co-Investigator	GOB, BRRRI	06/01/2013 to continuing	Maintenance of rice and rice related variable database
08.	Co-Investigator	GOB, BRRRI	06/01/2013 to continuing	BRRRI Website Management

Duties and Responsibilities

Research

- To establish a sound research base within the Institute in order to pursue individual and collaborative research of high quality, consistent with making a full active research contribution to the Division.
- To publish research outcomes in appropriate journals of international standing and to publish and disseminate the results of research and scholarship in other outlets.
- To attend, and present research papers at, academic and professional conferences, and to contribute to the external visibility and high reputation of the institute.
- To secure, in collaboration with colleagues where appropriate, external funding through research grants or contracts to support a developing research agenda.

Administration and Other Activities

- To undertake such specific divisional roles and management functions as may be reasonably required by the Head of Division.
- To attend divisional meetings and to participate in other committees and working groups within the division and the Institute.
- To participate in relevant professional activities.

Training:

	Organization	Duration		Name of Program
		To	From	
01.	Bangladesh Computer Council	16/11/2006	16/02/2007	An Introduction to Computer Applications, Package and Programming
02.	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	28/02/2009	12/03/2009	Basics of MS Office
03.	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	28/03/2009	09/04/2009	Data analysis- SPSS, STATA and MSTATC
04.	NAEM & BPDm, Dhaka	11/04/2012	19/05/2012	Research Methodology
05.	Computer and GIS Unit, Bangladesh Agricultural Research Council, Dhaka	26/05/2013	31/05/2013	Application Software for Office Management
06.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	18/06/2013	20/06/2013	Rice Breeder Seed Production and Preservation Training Course
07.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	16/02/2014	16/04/2014	Rice Production Training Course for BRRI Scientists

List of Publications: National: 09; International: 14; Total: 23

1. **Niaz Md. Farhat Rahman**, Mohammad Mijanur Rahman and Md. Azizul Baten. Modeling for Growth and Forecasting of Pulse Production in Bangladesh. *Research Journal of Science, Engineering and Technology* 5(24): 5578-5587, 2013.
2. **Niaz Md. Farhat Rahman**, Md. Azizul Baten, Ashutosh Roy and Md. Monir Hossain. Forecasting of Lentil Pulse Production: An Econometric Analysis. *Australian Journal of Basic and Applied Sciences*, 7(2): 819-824, 2013.
3. **Niaz Md. Farhat Rahman**, Md. Abdullah Aziz, Mohammad Mukhlesur Rahman and Nur Mohammad. Modeling on Grass Pea and Mung Bean Pulse Production in Bangladesh Using ARIMA Model. *IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS)*, Volume 6, Issue 1 (Nov. - Dec. 2013), PP 20-31.
4. **Niaz Md. Farhat Rahman**, Md. Ismail Hossain, Md. Abdullah Aziz, Md. Azizul Baten and Md. Shahjahan Kabir. Prospects of Boro Rice Production in Bangladesh. *Advanced in Environmental Biology*, 7(14), 4542-4549, 2013.
5. **Niaz Md. Farhat Rahman**, M. R. Khan and Ali Mariam. A Deterministic Model for Inland fish Production Forecasting in Bangladesh. *Dhaka Commerce College Journal*, Volume 4, Issue 2, December, 2012.
6. **Niaz Md. Farhat Rahman**, M. F. Imam and M. Elias. Searching for the best fitted deterministic model for innovative growth analysis and forecasting of grass pea, lentil, black gram and mung bean pulses production in Bangladesh. *Bangladesh J. Environ. Sci.* Vol. 21, 162-173, 2011.
7. **Niaz Md. Farhat Rahman**. Forecasting of boro rice production in Bangladesh: An ARIMA approach. *J. Bangladesh Agril. Univ.* 8(1): 103-112, 2010.
8. **Niaz Md. Farhat Rahman**, T. Noor and M. F. Imam. Trend and Growth Analysis of Marine fish Production in Bangladesh. *Bangladesh J. Fish. Res.*, 13(1), 2009: 35-45.
9. **Niaz Md. Farhat Rahman**, M. F. Imam, T. Farhat, M. R. Khan and M. A. B. Siddique. 2009. Forecasting of boro rice production in Bangladesh. *Intl. J. BioRes.*: 6(6)9-15.
10. **Niaz Md. Farhat Rahman** and M. F. Imam. Growth, Instability and Forecasting of Pigeon Pea, Chick Pea and Field Pea Pulse production in Bangladesh. *The Bangladesh J. Agric. Econs.* XXXI, 1(2008) 81-95.
11. Romel Biswash, Naheed Zeba, Mashuka Sharmin, **Niaz Md. Farhat Rahman**, Tonima Farhat and Montasir Ahmed. Character Association of T. Aman Rice (*Oryza sativa* L.) Varieties of Bangladesh. *American-Eurasian J. Agric. & Environ. Sci.*, 15 (3): 478-484, 2015.
12. Md. Abdullah Aziz, Md. Abul Kashem Majumder, Md. Shahjahan Kabir, Md. Ismail Hossain, **Niaz Md. Farhat Rahman**, Farhana Rahman and Shakir Hosen. Groundwater Depletion with Expansion of Irrigation in Barind Tract: A Case Study of Rajshahi District of Bangladesh. *International Journal of Geology, Agriculture and Environmental Sciences*, 3(1): 32-38, 2015.
13. Md. Jamil Hasan, Umma Kulsum, **Niaz Md. Farhat Rahman**, Tonima Farhat, Md. Abubakar Siddique. Hybrid Rice Parental Lines Development Utilizing Different Rice Germplasms. *Adv. Environ. Biol.*, 9(2), 24-29, 2015.
14. Tonima Farhat, Md. Razzab Ali, **Niaz Md. Farhat Rahman**, M. M. Moniruzzaman Kabir and Mobina Noor Kochi. Effect of Border Crops on the Incidence of Insect Pests in Chickpea. *IJSET - International Journal of Innovative Science, Engineering & Technology*, Vol. 1 Issue 10, December 2014.

15. M. B. Hossain, S. B. Ekram, **Niaz Md. Farhat Rahman**, M. M. Hasan and T. Farhat. Distribution System of Irrigation Water in Bangladesh: A Case Study of Bangladesh Agricultural University Farm. *IJSET - International Journal of Innovative Science, Engineering & Technology*, Vol. 1 Issue 10, December 2014.
16. M. M. Mir Kabir, Md. Mahamodul Hasan, Tonima Farhat, and **Niaz Md. Farhat Rahman**. Response of Irrigated Wheat to Different Source of Nitrogen. *App. Sci. Report.2* (3), 2014: 82-86.
17. M. M. Mir Kabir, M. A. Hossain, Tonima Farhat, S. Yasmin & **Niaz Md. Farhat Rahman**. Effects of Different Botanicals and Chemical on the Incidence of Sucking Insect Pests and their Impact on Mosaic Disease of Mungbean. *International Journal of Innovative Research and Development*, May 2014, Vol: 3, Issue: 5.
18. Mohammad Chhiddikur Rahman, Md. Abdus Salam, **Niaz Md. Farhat Rahman**, Mohammad Mijanur Rahman and Md. Monir Hossain. Present Status and Potentiality of Shrimp in Bangladesh. *Australian Journal of Basic and Applied Sciences*, 7(7): 281-286, 2013.
19. Md. Zakaria, Md. Abdullah Aziz, Md. Ismail Hossain and **Niaz Md. Farhat Rahman**. Effects of Rainfall and Maximum Temperature on Aman Rice Production of Bangladesh: A Case Study for Last Decade. *International Journal of Scientific & Technology Research* Volume 3, Issue 2: 131-137, February 2014.
20. M. Umma Kulsum, M. Jamil Hasan, Md. Ismail Hossain and **Niaz Md. Farhat Rahman**. Stability for BRRI developed Promising Hybrid Rice for Yield and its Related traits. *Journal of Applied Science and Agriculture*, 9(1) January 2014, Pages: 56-62.
21. M. M. Islam, M. F. Imtiaz, **Niaz Md. Farhat Rahman**, T. Farhat, M. M. U. Islam and M. I. Hossain. 2010. Effects of N applied from urea, cowdung and poultry manure on the yield and yield contributing characters of brri dhan29. *Intl. J. BioRes.* 9(2):15-18.
22. Sk. B. Hossain, **Niaz Md. Farhat Rahman**, M. F. Imtiaz, S. Islam and M. A. B. Siddique. Effect of split application of nitrogen fertilizer on yield and yield attributes in t. aman rice (cv. BINA dhan4). *Eco-friendly Agril. J.* 2(7):648-651, 2009 (July).
23. S.M. Zobayer Enamul Karim, Bentul Mawa and **Niaz Md. Farhat Rahman**. Socio-Economic Dimensions of Dowry in Rural Bangladesh: Is It a Matrimonial Function? *Society & Change*. Vol. III, No.1, January - March 2009.

Submitted Articles for Publication:

1. **Niaz Md. Farhat Rahman**, Md. Azizul Baten, & Md. Monir Hossain. Forecasting Area and Production of Black Gram Pulse in Bangladesh Using ARIMA Models. *Pakistan Journal of Agriculture Research*, Pakistan.
2. **Niaz Md. Farhat Rahman**, Md. Ismail Hossain, Md. Shahjahan Kabir & Md. Tareq. Development and Validation of Producer and Consumer Preference Model to Rice Varieties. *Bangladesh Rice Journal*.
3. **Niaz Md. Farhat Rahman**, Md. Ismail Hossain and Md. Azizul Baten. Forecasted AUS Rice Area and Production in Bangladesh Using Box-Jenkins Approach. *Journal of Agricultural Sciences and Technology*, Iran.
4. M S Kabir, M A Salam, M I Hossain, **Niaz Md. Farhat Rahman**, M.A. Latif. Geo-statistical Models for Determining Spatial Variation and Spatial Dependency of Soil Arsenic in Bangladesh. *Sains Malayasia Journal*, Malaysia.

5. Md. Belal. Hossain, K. F. I. Murad, S. B. Ekram, M. J. Islam, **Niaz Md. Farhat Rahman** and Tonima Farhat. Irrigation Scheduling of Wheat using Pan Evaporation Method. Research Journal of Agriculture and Biological Sciences, Zordan.
6. Anowara Akter, Md. Jamil Hasan, Laila Ferdousi Lipi, Hasina Begum, **Niaz Md. Farhat Rahman**, Tonima Farhat and Md. Zakaria Ibne Baki. Stability and Adaptability of Promising Hybrid Rice Genotypes in Different Locations of Bangladesh. American Eurasian Journal of Agricultural and Environmental Sciences, UAE.
7. M. R. Biswash, M. Sharmin, T. Farhat, **N. M. F. Rahman**, M. A. Siddique and M. A. Latif. Genetic diversity in modern T. Aman rice varieties of Bangladesh (*Oryza sativa* L.). Sains Malayasiana Journal, Malaysia.

Conference Paper

Niaz Md. Farhat Rahman, Md. Ismail Hossain and Md. Azizul Baten. Forecasting Aus Rice Production in Bangladesh using Box Jenkins Approach. International Rice Congress 2014, organized by the International Rice Research Institute (IRRI) at Bangkok International Trade and Exhibition Centre (BITEC) in Bangkok, Thailand, 27 October-01 November, 2014.

Computer Proficiency

- MS Office (MS Word, MS Excel and MS Power Point)
- Statistical Packages: SAS, STATA, R and SPSS
- IRRISTAT, GENSTAT and MSTAT for Agricultural Experimental Analysis.
- FRONTIER 4.1 for Stochastic Frontier Analysis
- DEAP Version 2.1: for Data Envelopment Analysis
- TFPIP Version 1.0: for Total Factor Productivity Index

Proficiency in Languages

Bengali Read, Spoken and Written
 English Read, Spoken and Written
 Urdu Spoken

Scholarship:

SN	Institute/Organization	Year	Award/Scholarship Name
01.	Manikgonj District	2002-2006	District Stipend
02.	Shahjalal University of Science and Technology, Sylhet, Bangladesh	2003-2006	University scholarship at B.Sc. level
03.	Bangladesh Agricultural University, Mymensingh, Bangladesh	2008-2009	University scholarship at M.S. level

Professional Memberships:

a. Life Member

- Bangladesh Statistical Association, Bangladesh

b. Ordinary Member

- Bangladesh Rice Research Institute Scientist Association (BRRISA)

Referees:

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Authentication:

I do here by declare that the information provided in this form is true and correct. I accept that the respective authority to verify information provided in this resume.

Yours truly,



.....
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