

CURRICULUM VITAE

Personal Details

Name Faruk Hossain khan
Father's Name Halim Khan
Mother's Name Sufia Khatun
Spouse's Name Nargis Sultana
Date of Birth 14-11-1984
Place of Birth Rajbari, Bangladesh
Permanent Address Vill: Baghutia; PO: Arkandi; PS: Baliakandi;
Dist: Rajbari, Bangladesh.
Present Address Single Accommodation Building (Officer)
(Home) Bangladesh Rice Research Institute (BRRI) R/S,
Gopalganj, Bangladesh.



Official Details

Position & Address **Scientific Officer (SO)**
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Nationality Details

Nationality Bangladeshi
National ID No. 19842699040719846
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Field of Specialization Soil Science Division

Education				
Degree	Year	University/Board	Major Subject/Field	Class/Division
PhD	2022	Okayama University, Japan	Stress Tolerance	On going
M.S.	2013	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh	Agricultural Chemistry	First Class
B.Sc (Hon's)	2009	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh	Agriculture	First Class
HSC	2002	Dhaka, Bangladesh	Science	First Division
SSC	2000	Dhaka, Bangladesh	Science	First Division
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Major Research Interests				
<ul style="list-style-type: none"> • Rice system of the future • Soil with Crop modeling • Econometric Modeling • Remote Sensing and GIS • Stochastic Frontier, Data Envelopment Analysis and Meta Frontier Models. 				

Employment Status				
	Designation	Institute/Organization	Duration	Responsibility
01.	Scientific Officer	Bangladesh Rice Research Institute (BRRI), Gazipur-1701	10/07/2013 to till date	Research and Administrative
02.	Lecturer (Agriculture, Computer & Math)	Jamia Hossainia Arabia, Agargaon, Dhaka	01/03/2011 to 09/07/2013	Teaching and research

Research Experiences				
	Designation	Funded by	Duration	Project Name
01.	Research student	Department of Agricultural Chemistry, Sher-e-Bangla Agricultural University, Dhaka	01/01/2009 to 30/06/2009	Assessment of Ionic Toxicity of Buriganga River water and it's suitability for Irrigation , Drinking, Livestock's and Industrial uses
02.	Research Associate	University Grants Commission, Bangladesh	01/07/2009 to 30/06/2010	Agriculture and Food Security in Bangladesh: Four Decades of Development

Project Research Experiences in BRRI				
SL	Designation	Funded by	Duration	Project Name
01.	Principal Investigator	GOB, BRRI	10/07/2013 to continue	Study on the consequences of continuous wetland intensive rice cropping
02.	Co-Investigator	GOB, BRRI	10/07/2013 to continue	Study on the consequences of continuous wetland intensive rice cropping
03.	Co-Investigator	GOB, BRRI	10/07/2013 to continue	Nutrient management for growing four crops in a land per year
04.	Co-Investigator	GOB, BRRI	17/11/2014 to continue	Updating fertilizer doses through Site Specific Nutrient Management(SSNM) experiment
05.	Co-Investigator	GOB, BRRI	17/11/2014 to continue	Soil Profile Study under long term experimentation
06.	Co-Investigator	GOB, BRRI	17/11/2014 to continue	Soil salinity mitigation's net house experiment

07.	Co-Investigator	GOB, BIRRI	17/11/2014 to continue	Kitchen waste management experiment
08.	Co-Investigator	GOB, BIRRI	17/08/2015 to continue	Alert material's for short duration & micronutrient management experiment
09	Principal Investigator	GOB, BIRRI	17/07/2016 to continue	Study on the consequences of continuous wetland intensive rice cropping
10	Principal Investigator	GOB, BIRRI	17/07/2016 to 17/07/2017	To investigate the effect of foliar application of different concentrations of silicon on medium fine rice under the agro climatic conditions of Bangladesh
11	Principal Investigator	GOB, BIRRI	17/07/2017 to continue	Nutrient management for growing four crops in a land per year
12	Principal Investigator	GOB, BIRRI	17/07/2017 to continue	Effectiveness of combining agronomic and genetic bio-fortification of rice with zinc in Bangladesh
13	Principal Investigator	GOB, BIRRI	10/07/2017 to continue	Missing Element Experiments Side specific Nutrient Management(SSNM)
14	Principal Investigator	GOB, BIRRI	10/07/2017 to continue	N uptake trail for BIRRI newly released /Promising lines
15	Principal Investigator	GOB, BIRRI	01/01/2018 to continue	Effects of Bioorganic Fertilizer Soil Plant System in Bangladesh
16	Principal Investigator	GOB, BIRRI	10/07/2018 to continue	Missing Element Experiments Side specific Nutrient Management(SSNM)
17	Principal Investigator	GOB, BIRRI	10/07/2018 to continue	N uptake trail for BIRRI newly released /Promising lines
18	Principal Investigator	GOB, BIRRI	01/01/2019 to continue	Effects of Bioorganic Fertilizer Soil Plant (BIRRI dhan58, BIRRI dhan75, BIRRI dhan89) System in Bangladesh
19	Principal Investigator	GOB, BIRRI	10/01/2019 to continue	Missing Element Experiments Side specific Nutrient Management(SSNM)
20	Principal Investigator	GOB, BIRRI	10/01/2019 to continue	N uptake trail for BIRRI dhan87 and BIRRI dhan89
21	Principal Investigator	GOB, BIRRI	01/01/2019 to continue	Effects of Bioorganic Fertilizer Soil Plant (BIRRI dhan84, BIRRI dhan86, BIRRI dhan88) System in Bangladesh
22	Principal Investigator	GOB, BIRRI	01/01/2019 to continue	Efficiency of DAP fertilizer for the supplementation of nitrogen
23	Principal Investigator	GOB, BIRRI	01/01/2019 to continue	Effect of time of planting on growth and yield of BIRRI developed newly T. Aman varieties BIRRI dhan93, BIRRI dhan94 and BIRRI

				dhan95
24	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Effect of time of planting on growth and yield of newly BRRRI released Boro variety BRRRI dhan96
25	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Performance of BRRRI dhan76 and BRRRI dhan77 rice varieties under stagnant condition
26	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Effect of polythene cover in seed bed during Boro season
27	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Survey and yield loss assessment of rice blast disease in Cumilla district
28	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Validation of rice neck blast disease management technology under farmer's field condition
29	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Varietal reaction and recovering ability of BRRRI released rice varieties
30	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Factors affecting rice tungro disease and its management in Cumilla region
31	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Tracking the infection source(s) of rice false smut disease
32	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	ALART for Bacterial Blight disease of rice
33	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Screening of Blast, BB and Tungro resistant monogenic lines in disease hot spot of Bangladesh
34	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Evaluation of new chemicals against Blast, Sheath blight diseases of rice
35	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Advisory services to the farmers
36	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Stability analysis of BRRRI released rice varieties
37	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Multiplications trial of different BRRRI varieties in major cropping patterns
38	Principal Investigator	GOB, BRRRI	01/01/2019 to continue	Farmer's training on modern rice cultivation
39	Principal Investigator	GOB, BRRRI	01/01/2019 to 30/06/2021	Effect of polythene cover in seed bed during Boro season
40	Principal Investigator	GOB, BRRRI	10/01/2019 to 30/06/2021	N uptake trail for BRRRI dhan87 and BRRRI dhan89
41	Principal Investigator	GOB, BRRRI	01/07/2021 to continue	N uptake trail for BRRRI dhan87 and BRRRI dhan89

1. Umme Aminun Naher, Md. Mozammel Haque, Faruk Hossain Khan, , Md. Maniruzzaman, **Faruk Hossain Khan**, Md. Imran Ullah Sarkar, Tahmid Hossain Ansari, Md. Belal Hossain and Jatish Chandra Biswas: **EFFECT OF LONG-TERM NUTRIENT MANAGEMENT PRACTICES ON SOIL HEALTH AND PADDY YIELD OF RICE-RICE-FELLOW CROPPING SYSTEM IN TROPIC HUMID CLIMATE**. European Journal of Soil Biology 107(2021) 103362.
2. Umme Aminun Naher, Jatish Chandra Biswas, Md. Maniruzzaman, **Faruk Hossain Khan**, Md. Imran Ullah Sarkar, Afsana Jahan, Md. Hasibur Rahaman Hera, Md. Belal Hossain, Aminul Islam, Md. Rafiqul Islam and Md. Shahjahan Kabir Bio-Organic Fertilizer: **A GREEN TECHNOLOGY TO REDUCE SYNTHETIC N AND P FERTILIZER FOR RICE PRODUCTION**. Front. Plant Sci., 23 March 2021 | <https://doi.org/10.3389/fpls.2021.602052>
3. Md. Mozammel Haque, Ph.D; J C Biswas; M Akter; M S Hossain; **F H Khan**; M Z I Baki; A B S Sarker; M R Islam. "COMPOSITIONS OF WET AND DRY DEPOSITIONS IN BANGLADESH" International Journal of Environmental Protection,(IJEP)" Vol-9,ISSN Online: 2152-2219, pp948-956.
4. Biswas JC, Haque MM, **Khan FH**, Islam MR, Dipti SS, Akter M, Ahmed H U, Zinc fortification: Effect of Polishing on Parboiled and Unparboiled Rice, Current Plant Biology(2018).
5. M M Kabir, **F.H.Khan**, Q.A. Panhwar, U.A. Naher, J. Shamsuddin 2014. Effects of Transplanting Dates on Growth and yield of Inbred and Hybrid Rice Varieties Grown during Rainfed Season in Bangladesh. The Philippine Agricultural Scientist. Vol-97 No 4, pp347-354.
6. **FH Khan**, Jatish C Biswas, MR Islam, SS Dipti, MM Haque, M Iqbal, M Akhter and HU Ahmed. "EFFICIENCY OF JOINING AGRONOMIC AND HEREDITARY BIO-FORTIFICATION OF RICE WITH ZINC IN BANGLADESH" Eco-friendly Agril.J. 11 (08): 84-87, 2018 (August).
7. **FH Khan**, M Adil, S Jahan, MM Haque, M Iqbal, A Sultana, MR Islam, MM Mian and HU Ahmed. "CONSEQUENCE OF FOLIAR APPLICATION OF SILICON ON

- YIELD AND QUALITY OF RICE IN T. AMAN SEASON OF BANGLADESH" Eco-friendly Agril.J. 11 (09): 88-92, 2018 (September).
8. **FH Khan**, M Adil, MM Mozumder, A Sultana, M Iqbal, MM Haque, MR Islam, MM Mian and JC Biswas. "UPDATING FERTILIZER DOSES THROUGH SITE SPECIFIC NUTRIENT MANAGEMENT FOR BIRI RELEASED RICE VARIETIES" Eco-friendly Agril.J. 11 (09): 93-95, 2018 (September).
 9. **FH Khan**, M Iqbal, MM Mozumder, A Sultana, MM Haque, MR Islam, PK Shaha and JC Biswas. "ASSESSMENT OF NP COMPOSITE (NPC) FERTILIZER ON BORO RICE" Eco-friendly Agril.J. 11 (11): 135-142, 2018 (November).
 10. **FH Khan**, MM Mozumder, SMT Islam, MA Iqbal, A Sultana and M Adil. "VALIDATION OF BIRI DEVELOPMENT FERTILIZER MANAGEMENT TECHNOLOGY AT FARMERS FIELD" Eco-friendly Agril.J. 11 (12): 143-147, 2018 (December).
 11. **FH Khan**, SMT Islam, nm Sutradhar, MA Iqbal, A Sultana and M Adil. "PERFORMANCE OF VERMICOMPOST AND POULTRY MANURE ON RICE YIELD AND SOIL HEALTH" Eco-friendly Agril.J. 11 (12): 148-151, 2018 (December).
 12. **Faruk Hossain Khan**, January-March 2015, Economical Prospects of High Yielding Variety (HYV) of Rice in Bangladesh. Adhunik Krishi Khamar, Bangladesh. Voil-6, No-01, pp9-11..
 13. **Faruk Hossain Khan**, Sep 2014(1st edition), Krishibid Recruitment Guide, Bangladesh. Voil-1, No-01, pp1-356.
 14. **Faruk Hossain Khan**, Oct-2014 (2nd edition), Krishibid Recruitment Guide, Bangladesh. Voil-2, No-02, pp1-440.
 15. **Faruk Hossain Khan**, April 2015 (3rd edition), Krishibid Recruitment Guide, Bangladesh. Voil-3, No-03, pp1-447.
 16. **Faruk Hossain Khan**, August 2017 (4th edition), Krishibid Recruitment Guide, Bangladesh. Voil-4, No-04, pp1-304
 17. **Faruk Hossain Khan**, Scientific Report, Abstract and Articles (2014 to 2017)
 18. Rashid MM, **Khan FH**, Nandi P, Sultana A, Hossain M, Mian S, Khan MAI, Latif MA. 2019. Management of blast disease in Cumilla region in field condition during Boro season(**Leaflet**)
 19. Rashid MM, **Khan FH**, Nandi P, Sultana A, Hossain M, Mian S, Khan MAI, Latif MA. 2019. Management of blast disease of Aomatic rice in Cumilla region in field

condition during Boro season(**Leaflet**)

20. Rashid MM, Mian S, **Khan FH**, Hossain M, Nihad SAI , Khan MAI, Ansari TH, Latif MA. 2020. Management technology of rice tunro disease in Cumilla region in field condition during Boro season(**Leaflet**). **Published by Bangladesh Rice Research Institute.Publication No. 306**

Submitted Articles for Publication

1. **Faruk Hossain Khan**, Niaz Md. Farhat Rahman, Md. Azizul Baten, & Md. Monir Hossain. Assessment of Ionic Toxicity of Buriganga River water and it's suitability for Irrigation and Drinking uses. Pakistan Journal of Agriculture Research, Pakistan.
2. **Faruk Hossain Khan**, Niaz Md. Farhat Rahman, Tonima Farhat and Md. Zakaria Ibne Baki.. Assessment of Ionic Toxicity of Buriganga River water and it's suitability for Livestock's and Industrial uses American Eurasian Journal of Agricultural and Environmental Sciences, UAE.

Computer Proficiency

- MS Office (MS Word, MS Excel and MS Power Point)
 - Statistical Packages: SAS, STATA, R and SPSS
 - Crop Stat7.2, Statistix10; STAR; PB Tools
-
- PB Tools

Proficiency in Languages

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

Stipend

SN	Institute/Organization	Year	Award/Scholarship Name
01.	Rajbari District	1995-2000	District Stipend
02.	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh	2005-2009	University scholarship at B.Sc. level
03.	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh	2009-2013	University scholarship at M.S. level

Thesis Title: Assessment of Ionic Toxicity of Buriganga River water and its suitability for Drinking water, Livestock's, Irrigation and Industrial uses

Supervisor: Professor Dr. Md. Azizur Rahman Mozumdar, Department of Agricultural Chemistry, Sher-e-Bangla Agricultural University, Sher-e-Bangla, Agargaon, Dhaka-1207.

Co-Supervisor: Professor Dr. Md. Abdur Razzaque, Department of Agricultural Chemistry, Sher-e-Bangla Agricultural University, Sher-e-Bangla, Agargaon, Dhaka-1207

Professional Memberships	
a. Life Member <ul style="list-style-type: none">• Bangladesh Krishibid Institution, Bangladesh	
b. Ordinary Member <ul style="list-style-type: none">• Bangladesh Rice Research Institute Scientist Association (BRRISA)	
c. Ordinary Member <ul style="list-style-type: none">• Soil Society of Bangladesh	
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,



20/01/2022

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