

1.	Name	AMINUL ISLAM			
2.	Designation	Chief Scientific Officer			
3.	Present Address	Soil Science Division, BIRRI Gazipur			
4.	Tel./Mob./Fax.	01191081619, 01843998570, 01759994491			
5.	Email/Web:	aminsoil@yahoo.com , aminbri@gmail.com			
6.	Date of Birth	01-07-1971			
7.	Specialization	Soil Science (Arsenic and potassium chemistry of soil)			
8.	Education				
	Degree	Year	Institute		Major Subject/Field
	Post Doc.				
	PhD	2013	BSMRAU		Soil Science
	MSc/MS	2003	BSMRAU		Soil Science
	B. Sc. Ag.	1992	BAU		Agriculture
9.	Training				
	Foreign				
	Organization	Year	Duration		Name of Program
			Month	Days	
	University of Philippines, Los Banos (UPLB)	2001	01	53	Farming System Research And Development
	In-Country				
	Organi zation	Year	Duration		Name of Program
			Month	Days	
	BIRRI	1998	02	0	Rice Production, Communication and Office Management.
	BARI	1999	0	05	On-Farm Soil Fertility and Fertilizer Management.
	BARD	1999	03	15	Foundation Training Course for NARS Scientists.
	BIRRI	2003	0	02	Hybrid Rice Seed Production.
	BARC	2004	0	03	Integrated Plant Nutrient System.
	BARC	2005	0	04	Management of problem Soils.
	BARC	2006	0	02	Use of Fertilizer Recommendation Guide-2005.
	ADB	2014	0	02	Climate Risks, Vulnerability and Adaptation Assessment in Development Interventions
	BARC	2014	0	03	Use of Fertilizer Recommendation Guide-2012.
	BARD	2014	0	14	Administrative and Financial Management
10.	Publication(s):				

List of publications:

(a) Scientific journal:

1. Saleque, M. A, U. A. Naher, **A. Islam**, A. B. M. B. U. Pathan, A. T. M. S. Hossain and C. A. Meisner. 2004. Inorganic and Organic Phosphorus fertilizer Effects on the Phosphorus Fractionation in Wetland Rice Soils. *Soil Sci. Soc. Am. J.* 68: 1635-1644
2. Islam, M. A., M. A. Saleque, M. S. Islam, A. J. M. S. Karim, A. R. M. Solaiman, and **A. Islam**. 2010. Phosphorus Fractionations in Acidic Piedmont Rice Soils. *Communications in Soil Science and Plant Analysis*, 41:10, 1178–1194
3. Rahman, Muhammad Sajidur, Abdul Mazid Miah, Mohammad, Khaled, Hossain Mohammad, **Islam, Aminul** and Panaullah, G. M. 2010. Arsenic Concentrations in Groundwater, Soils and Irrigated Rice in Southwestern Bangladesh. *Communications in Soil Science and Plant Analysis*, 41:16, 1889–1895
4. **Islam, A.**, A. J. M. S. Karim, H. M. Khaled, B. K. Mitra and M. A. M. Miah. 2003. Arsenic Sorption Characteristics of Four Agricultural Soils of Bangladesh. *Asian J. Plant Sciences. 2 (17-24): 1149-1152.*
5. **Islam, A.**, U. A. Naher, A. T. M. S. Hossain, B. K. Mitra and M.A. Saleque. 2004. Effect of Organic and Inorganic Amendment on Phosphorus Sorption Characteristics of Lowland Rice Soil. *Bangladesh J. Agril. Res.* 29 (3):459-465
6. **Islam, A.**, A. J. M. S. Karim, H. M. Khaled, M. S. Islam and M. A. Mazid Miah. 2003. Arsenic Sorption Characteristics of Four Calcareous Soils of Bangladesh. *Journal of Science Foundation. 1(1): 81-85*
7. **Islam, A.**, M. A. M. Miah, R. Shaheen., R. Mahmud and N. Inoue. 2006. Comparative Effectiveness of Five Solutions For Extracting Arsenic From Soils Irrigated With Arsenic Contaminated Ground Water. *Int. J. Sustain. Agril. Tech.* 2(1):61-66
8. **Islam, A.**, M. S. Pervin, M. A. M. Miah, R. Shaheen and R. Mahmud. 2006. Fractionation of Arsenic in Some Rice Soils Irrigated With Arsenic Contaminated Ground Water. *Int. J. Sustain. Agril. Tech.* 2(2):1-8
9. Saleque, M. A, U. A. Naher, A. B. M. B. U. Pathan, A. T. M. S. Hossain and **A. Islam**. 2002. Changes in Phosphorus Fractions in Lowland Rice Soils Due to Organic and Inorganic Fertilizer Application for Eight Years. *Bangladesh J. Agril. Sci.* 29(2): 259-265
10. Islam, M. R., **A. Islam** and G. M. Panaullah. 2003. Management of organic and Inorganic Fertilizers for Sustainable Rice Production under Boro- T.Aman Pattern. *Bangladesh J. Progr. Sci. & Tech.* 1 (2): 151-154.
11. Saha, P. K., R. Islam, **A. Islam**, M. A. M. Miah and N. I. Bhuiyan.2003. Integrated Nutrient Management for Rice Production in Old Meghna Estuarine floodplain. *Bangladesh J. Agril. Res.* 28 (4): 521-531
12. Ali, M. M., M. S. Mian and **A. Islam**. 2004. Interaction Effects of Sulphur and Phosphorus on Wetland rice. *Asian J. Plant Sci.* 3 (5): 597-601.
13. Uddin, M. K., **A. Islam**, M. A. Aziz, M. R. Islam and M. A. Saleque. 2004. Influence of selected soil properties on arsenic adsorption in some soils of Bangladesh. *Bangladesh Journal of Progressive Science and Technology.* 2(2): 169-174.
14. Pervin, M. S., R. Yasmeen, K. M. Iftekhruddaula, **A. Islam** and M. S. Islam. 2005. Effect of seedling age and depth of water on submergence tolerance of T. Aman rice varieties. *Int. J. Sustain. Agril. Tech.* 1(4): 1-7
15. Mazid Miah, M. A., P. K. Saha, **A. Islam**, M. Nazmul Hasan and V. V. Nosov. 2007.

Efficiency of Potash Fertilizer Application in Rice-Rice Cropping System in Central Bangladesh. *Electronic International Fertilizer Correspondence (e-ific) No. 13:11-13*

16. Mazid Miah, M. A., P. K. Saha, **A. Islam**, M. Nazmul Hasan and V. V. Nosov. 2008. Potassium Fertilization in Rice-Rice and Rice-Wheat Cropping System in Bangladesh. *Bangladesh J. Agric. and Environ. 4: 51-67, Special Issue 2008*
17. Saha, P. K., M. A. Mazid. Miah, M. S. Rahman and **A. Islam**, 2008. Release Pattern of NH_4^+ -N from Prilled urea and urea super granules under lowland rice cultivation. *Bangladesh J. Agril. Res. 33 (2): 261-267*
18. Pervin, M. S., H. N. Barman, Shahida Sarker Parul and A. Islam. 2009. Effect of depth and duration of submergence on survival and recovery of rice (*Oryza sativa* L.) seedlings. *Bangladesh Journal of Progressive Science and Technology. 7(2): 195-198.*
19. Saha, P. K., **A. Islam**, M.R. Islam, M. A. Mazid. Miah, M. A. Saleque and F. Islam. 2010. Productivity of wheat-mungbean-T.Aman cropping pattern under different fertilizer management packages. *Bangladesh Rice J. 15 (1): 49-55.*

(b) Books

Mazid Miah, M. A., P. K. Saha, **A. Islam**, Book on Research Highlights and Mature Technologies of Integrated Soil Fertility and Fertilizer Management Project 1999-2000 to 2004-2005.

(c) Bulletins:

- Abdul Muttaleb, **A. Islam**, M. A. Siddiquee, S. Ullah, Dilruba Begum and T. R. Noor (2000). Stakeholder Analysis Report for Hobiganj District. June 17-24, 2000.
- Kabir, M. S., M. H. Kabir, M. S. Islam, **A. Islam** and M. S. Pervin (2001). Participatory Rural Appraisal Report for Barangay Pansol, Pila, Laguna, Philippines. March 6-8, 2001.

(d) Seminar/ Workshop/Symposium/Proceedings

1. **Islam, A.**, M. A. Mazid Miah, A. T. M. S. Hossain, M. R. Islam and V. V. Nosov. 2006. Efficiency of Potash Fertilizer Application to Rice and Wheat in Central and N-W region of Bangladesh. Proc. of the International Symposium held at Punjab Agricultural University, Ludhiana, India, 22-25 November 2006. Vol-II p.10.
1. Miah, M. A. M., **M. A. Islam**, Z. U. Ahmed, M. S. Rahman and H. M. Khaled. 2003. Fractionation and Availability of Arsenic in Soils Irrigated With Arsenic Contaminated Ground Water. Proc. 7th International Conference on the Biogeochemistry of Trace Elements. Uppsala, Sweden, June 15-19, 2003. pp. 94-95.
2. Muhammad S. Rahman, H. M. Khaled, **A. Islam**, M. A. M. Miah, G. M. Panaullah. 2005. Status of the arsenic concentrations of water, soils and crops in south-western Bangladesh. Proc. 8th Intern. Conf. On the Biogeochem. of Trace Elements; Adelaide, Australia, 3-7 April, 2005. p.654
3. Mazid Miah, M. A., M. S. Rahman, **A. Islam**, D. N. R. Paul, A. T. M. Farid, M. Jahiruddin, M. A. Sattar, G. M. Panaullah, C. A. Meisner, R. H. Loeppert and J. M. Duxbury. 2005. Nationwide Survey of Arsenic in Soils, Water and Crops in Bangladesh. Proc. of the International Symposium on Behavior of Arsenic in Aquifers, Soils and Plants: Implications for Management held at Dhaka, Bangladesh, 16-18 January 2005. (published in DVD)
4. Mazid Miah, M. A., P. K. Saha, **A. Islam**, M. Nazmul Hasan and V. V. Nosov. 2006. Efficiency of Potash Fertilizer Application in Rice-Rice and Rice-Wheat Cropping System in Bangladesh. Proc. of the International Symposium held at Punjab Agricultural University, Ludhiana, India, 22-25 November 2006. Vol-I p.179-192.

(e) Thesis

PhD 2013. Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Salna, Gazipur, Bangladesh.

Dissertation title: Long-term potassium fertilization effects on soil potassium characteristics and rice plant nutrition

MS 2003. Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Salna, Gazipur, Bangladesh.

Dissertation title: Sorption characteristics and fractionation of arsenic in some soils of Bangladesh

(f) Project Completion Report:

1. Integrated Soil Fertility and Fertilizer Management Project (SFFP II) Completion Report on Integrated Soil Fertility and Fertilizer Management for Rice Based Cropping Systems 1999-2000 to 2004-2005.
2. Coordinated Project on Arsenic in Soil-Water-Plant System: BIRRI Component

(g) Pamphlets:

1. Spatial variability of arsenic in soil and irrigation water of southern Bangladesh
2. Reducing Effects of Arsenic on Rice

11.	Award (if any) BARC Chairman's award in the Foundation training course for the NARS scientists (1 st Batch)			
12.	Employment			
	Designation	Institute/Organization	Duration	Responsibility/Duties /Field
	Scientific Officer	BIRRI	20-08-1998 to 31-05-2006	Research on Soil and fertilizer management in rice based cropping system
	Senior Scientific Officer	BIRRI	01-06-2006 to 15-04-2014.	
	Principal Scientific Officer	BIRRI	16-04-2014 to 14-07-2018	
	Chief Scientific Officer	BIRRI	14-07-2018 Till to date	