CURRICULUM VITAE

Aminul Islam
Chief Scientific Officer (CSO)
(Soil Science Division) &
Head, Bangladesh Rice Research Institute (BRRI), Regional Station,
Cumilla, Bangladesh

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PERSONAL DATA

Name (Last, First)	:ISLAM AMINUL
Date of birth	: July 1, 1971
Nationality	: Bangladeshi
Gender	: Male
Marital status	: Married
Children	: One daughter and two sons

LANGUAGE : Bengali (mother tongue); English (fluent)

EDUCATION

PhD (Soil Science):	Bangabandhu Sheikh Mujibur Rahman Agricultural University, Bangladesh in winter 2013 **(GPA 4.00 out of 4.00)**
MS (Soil Science)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, Bangladesh in Autumn 2003 **(GPA 3.80 out of 4.00)**
B. Sc. Ag. (Hons.)	Bangladesh Agricultural University, Mymensingh, Bangladesh in 1992 (Exam held on December 1995) **(First Class, Merit position 41 out of 448 students)**.
HSC (Science)	Comilla Victoria Govt. College, Cumilla in 1988 **(First Division)**
SSC (Science)	Fatehpur K. G. High School, Nabinagar, B. Baria in 1986 **(First Division)**

AWARD RECEIVED

- Integrity Award 2020 from DG, BRRI
- BARC Chairman's award from DG, BARD in the Foundation training course for the National Agricultural Research System scientists (1st Batch)

JOB HISTORY

Position	Period		
	From	To	Total Yr/Mo
Lecturer (Plant Pathology), Patuakhali Agricultural College, Dumki, Patuakhali	27-11-1997	19-08-1998	9 months
Scientific Officer, Soil Science Division, BRRI	20-08-1998	31-05-2006	7 Yrs 9 Months
Senior Scientific Officer, Soil Science Division, BRRI	01-06-2006	15-04-2014	7 yrs 11 months
Principal Scientific Officer, Soil Science Division, BRRI	16-04-2014	14-07-2018	4 yrs 3 months
Chief Scientific Officer, Soil Science Division, BRRI	15-07-2018	to date	3 years as on 14-07-2021

PROFESSIONAL TRAINING

Year	Venue	Title of the Training Course
1998	BRRI, Bangladesh.	Rice Production, Communication and Office Management
1999	BARI, Bangladesh	On-Farm Soil Fertility and Fertilizer Management
1999	BARD, Bangladesh	Foundation Training Course for NARS Scientists
2001	**UPLB, Philippines**	Farming System Research and Development
2003	BRRI, Bangladesh	Hybrid Rice Seed Production
2004	BARC, Bangladesh	Integrated Plant Nutrient System
2005	BARC, Bangladesh	Management of problem Soils
2006	BARC, Bangladesh	Use of Fertilizer Recommendation Guide-2005
2013	**UPLB Philippines**	Bangladesh Study Tour Program for In-Country PhD Scholars under PIU-BARC, NATP,
2014	ADB, Bangladesh	Climate Risks, Vulnerability, and Adaptation Assessment in Development Interventions, Ministry of environment & Forest
2014	BARC, Bangladesh	Use of Fertilizer Recommendation Guide
2014	BARD, Bangladesh	Administrative and Financial Management
2016	BARC, Bangladesh	Knowledge and Awareness Building on Agricultural Policies of Bangladesh
2018	BRRI, Bangladesh	Innovation in Public Service
2019	DICT, Bangladesh	Training Course on e-Nothi
2020	BRRI, Bangladesh	Service Process Simplification (SPS)

PROFESSIONAL SKILLS

- Served two BRRI Regional Stations-**Rajshahi and Cumilla** (from 2018 to date) (Performed Scientific & extension work, administrative and financial management)

- Maintained a harmonic relation and cooperation with different Govt. and Non-Govt. organizations
- Paper presented in different national and international seminars and workshops
- Act as resource speaker in different training programs for officers, staff and farmers throughout the country organized by BMDA, DAE, BRRI, NATA, BARD
- Research program development, execution and reporting of research results.
- Publish research articles in different national and international reputed journals and proceedings
- Organized many training programs, field day and workshop related to rice production
- Developed a good number of soil fertilizer management technologies for rice cultivation
- Operating skills in spectrophotometer, atomic absorption spectrophotometer (AAS), Flame Photometer and other laboratory equipment.
- Guidance of divisional scientists, field and laboratory staff.
- Different national and international Project management, implementation writing of project completion report.
- Data analyses and scientific report writing.
- Supervise graduate students in the field of natural resource management.
- Scientific paper or article reviewing.
- Frequent farmers' field visit for identifying field problems and giving suggestions for remedy.

WORK EXPERIENCE

- **15 July 2018-todate: Chief Scientific Officer,** Bangladesh Rice Research Institute
  - i) 04 October 2020: Taken the Charge of BRRI Regional Station, Cumilla
  - ii) 01 October 2020 to date: Joined in BRRI Regional Station, Cumilla
  - iii) 30 September 2020: Left BRRI Regional Station, Rajshahi
  - iv) 15-21 April 2019: **Visited Morocco** to participate in the Steering Committee Meeting and Workshop on Sustainable Soil Management Project.

- **16 April 2014 – 14 July 2018: Principal Scientific Officer**, Bangladesh Rice Research Institute, Gazipur 1701, Bangladesh.
  - i) 30 April 2018 to 03 May 2018: Visited New Delhi, India to Participate in the "Annual Review and Planning Workshop" of STRASA Project funded by IRRI.
  - **ii)** 18 April 2018: Joined as Principal Scientific Officer and **Head in BRRI Regional Station, Rajshahi.**
  - iii) 7-11 May 2017: **Visited Morocco** to participate in the Steering Committee Meeting and Workshop on Sustainable Soil Management Component

iv) 26-30 November 2016: Participated in the Compilation and evaluation meeting on 'Development and dissemination of climate-resilient rice varieties for water-short areas of South Asia and Southeast Asia TA8441' held at International Rice Research Institute **(IRRI), Philippines**.

v) 24 October 2014 to date: Research Team member of the "Development and dissemination of climate resilient rice varieties for water short areas of South Asia and South-East Asia (TA 8441)" ADB water saving project of IRRI 2nd phase. Conduct research on nutrient management for rice growing in water short condition.

vi) 05 February 2014 – 22 September 2014: Principal Investigator of Coordinated Project on Arsenic in Soil-Water-Plant Systems: BRRI Component Sub-project. Actively involved in Project completion report (PCR) writing and publication.

vii) 24-27 February 2016: Participated in the Review meeting of the ADB supported Project "Development and dissemination of climate resilient rice varieties for water short areas of South Asia and South-East Asia (TA 8441)" held at **IRRI South Asia Hub, ICRISAT, Patancheru, Hyderabad, India**

viii) Resource speaker in different training program.

ix) Participated in writing policy paper entitled "Rice vision for Bangladesh: 2050 and Beyond."

- **01 June 2006 – 15 April 2014: Senior Scientific Officer**, Soil Science Division, BRRI

i) 22-25 November 2006: Participated in the International Symposium on Balanced Fertilization for Sustaining Crop Productivity held at **Punjab Agricultural University, Ludhiana, India.** Presented poster and extended abstract.

ii) 1 July 2009-30 June 2013: PhD Scholar under National Agricultural Technology Project.

iii) 22 March 2011 – 31 May 2014: Principal Investigator (Soil Science), BSMRAU- USDA-Cornell University Food For Progress (FFP) project, BRRI, Bangladesh. Actively involved in planning, execution of soil sampling, processing, storing, analyzing and reporting.

iv) 01 July 2013-31 July 2013: Visited University of the Philippines, Los Banos, (UPLB) Philippines as part of PhD work. Here Review and Literature section of PhD dissertation was completed under the Supervision of **Prof. Pearl B. Sanchez, UPLB.**

v) Farmers' participatory quality seeds production

vi) Execution of training program for extension personnel as well as farmers.

vii) Integrated Nutrient Management for double and triple rice cropping system (Long-term experiment).

viii) Long-term effect of organic and inorganic sources of nutrient on rice yield trend and soil health.

- **20 August 1998- 31 May 2006: Scientific Officer** Soil Science Division, BRRI

  i) 8-11 March 1999: Participated in the workshop on Long-term Experiments on Soil Fertility in Rice-based Cropping Systems jointly organized by BRRI-IRRI at BRRI.

  ii) 1998-2005: Working Scientist of Integrated Soil Fertility and Fertilizer Management Project (DANIDA funded project). Some of works under this project were Cropping pattern based integrated nutrient management for Boro-Fallow-T. Aman and Boro-Green Manure-T. Aman, Wheat-Mungbean-T. Aman cropping pattern, evaluation of cow-dung, poultry manure, rice straw and farmyard manure. I actively involved in the Planning, designing, conducting and reporting of mentioned research works. Conducted on-station research, organized Research-Linkage workshop, reported the research results and presented those in different workshop. Compile the project activities and wrote PCR of this project.

  iii) 17-24 June 2000: Took part in the Stakeholder Analysis Report for Habiganj District of Bangladesh.

  iv)20 January -19 March 2001: **Visited UPLB, Philippines** to participate in the training on Farming System Research and Development. During that training I participated in Participatory Rural Appraisal for **Barangay Pansol, Pila, Laguna**, Philippines. March 6-8, 2001. Also visited in PhilRice, Banawe rice terrace, Baguio city, Masipag Back up Farm.

  v) Arsenic in Soil Water Plant System (USAID funded project). My MS thesis research was accomplished under this project during 2001-2003. After MS, actively involved in the National survey on arsenic in soil plant water systems under the same project. Survey involved soil (agricultural and non-agricultural), water (Surface and underground) and plant sampling, processing, analyzing the in the lab and finally reporting.

  vi)2003-2007: Co Investigator of Adaptation and Adoption of Potassium Fertilizer Technology in Bangladesh (International Potash Institute funded Project). Conducted on-farm and on-station research and farmer's field demonstration, reported the research results and presented those in different workshop. Also published paper in the journal, workshop proceedings and electronic correspondence.

  vii) Organize field day at different location of Bangladesh.

  viii) Rice straw as a source of potassium and other nutrient.

  ix) Phosphorus based cow dung application for rice cultivation.

LIST OF PUBLICATIONS

Papers in National and peer reviewed international Scientific Journals

1. MA Saleque, UA Naher, A Pathan, A Hossain, **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.

2. **A Islam**, A Karim, HM Khaled, BK Mitra and MAM Miah. 2003. Arsenic Sorption Characteristics of Four Agricultural Soils of Bangladesh. Asian Journal of Plant Sciences 2 (17), 1149-1152.
3. MR Islam, **A Islam** and GM Panaullah. 2003. Management of organic and Inorganic Fertilizers for Sustainable Rice Production under Boro- T.Aman Pattern. Bangladesh Journal of Progressive Science & Technology 1 (2), 151-154.
4. **A Islam,** A Karim, HM Khaled, MA Islam, MS and Mazid Miah. 2003. Arsenic Sorption Characteristics of Four Calcareous Soils of Bangladesh. Journal of Science Foundation 1 (1), 81-85.
5. PK Saha, R Islam, **A Islam,** MAM Miah and NI Bhuiyan . 2003. Integrated Nutrient Management for Rice Production in Old Meghna Estuarine floodplain. Bangladesh J. Agril. Res. 28 (4): 521-531. 28 (4), 521-531.
6. **A Islam,** UA Naher, A Hossain, BK Mitra and MA Saleque. 2004. Effect of Organic and Inorganic Amendment on Phosphorus Sorption Characteristics of Lowland Rice Soil. Bangladesh Journal of Agricultural Research 29 (3), 459-465.
7. MA. Saleque, UA 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.
8. MM Ali, MS Mian, **A Islam,** JA Begum, and AKM Ferdous. 2004. Interaction Effects of Sulphur and Phosphorus on Wetland rice. Asian Journal of Plant Sciences 3 (5), 597-601.
9. MK Uddin, **A Islam,** MA Aziz, MR Islam and MA Saleque. 2004. Influence of Selected Soil Properties on Arsenic Adsorption in Some Soils of Bangladesh. Bangladesh J. Prog. Sci. & Tech. 2 (2), 169-174.
10. MS Pervin, R Yasmeen, KM Iftekhruddaula, **A Islam** and MS 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.
11. **A Islam,** MS Pervin, MAM 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.
12. **A Islam,** MAM 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.
13. MAM Miah, PK Saha, **A Islam,** MN Hasan and V Nosov. 2007. Efficiency of potash fertilizer application in a rice-wheat cropping system in North-West Bangladesh. Electronic International Fertilizer Correspondent (e-ifc) 12 (June), 2-4.
14. MAM Miah, PK Saha, **A Islam,** MN Hasan and V Nosov. 2007. Efficiency of potash fertilizer application in a rice-rice cropping system in Central Bangladesh. Electronic International Fertilizer Correspondent (e-ifc) 13 (September), 11-13.
15. MAM Miah, PK Saha, **A Islam,** MN Hasan and V Nosov. 2008. Potassium Fertilization in Rice-Rice and Rice-Wheat Cropping System in Bangladesh. Bangladesh Journal of Agriculture and Environment 4 (Special Issue), 51-67.

16. PK Saha, MAM Miah, MS Rahman and **A Islam.** 2008. Release Pattern Of NH_4^+-N from Prilled Urea and Urea Super Granule under Wetland Rice Cultivation. Bangladesh Journal of Agricultural Research 33 (2), 261-267.
17. MS Pervin, HN Barman, SS 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 (7), 195-198.
18. MA Islam, MA Saleque, MS Islam, AJMS Karim, ARM Solaiman and **A Islam.** 2010. Phosphorus Fractionations in Acidic Piedmont Rice Soils. Communications in Soil Science and Plant Analysis 41 (10), 1178 — 1194.
19. PK Saha, **A Islam,** MR Islam, MAM Miah and MA Saleque and F Islam. 2010. Productivity of wheat-mungbean-T.Aman cropping pattern under different fertilizer management packages. Bangladesh Rice Journal 15 (1), 49-55.
20. MS Rahman, MAM Miah, HM Khaled, **A Islam** and GM Panaullah. 2010. Arsenic Concentrations in Groundwater, Soils, and Irrigated Rice in Southwestern Bangladesh. Communications in Soil Science and Plant Analysis 41 (16), 1889 — 1895.
21. MJ Hasan, MH Rahman, A Akter, MU Kulsum and **A Islam.** 2015. Assessment of appropriate doses of GA3 and row ratio for better seed yield of a promising hybrid rice variety. Bangladesh Rice J. 19 (1), 49-53.
22. MS Kabir, MU Salam, A Chowdhury, NMF Rahman, KM Iftekharuddaula, MS Rahman, MH Rashid, SS Dipti, **A Islam,** MA Latif, AKMS Islam, MM Hossain, B Nessa, TH Ansari, MA Ali, and JK Biswas.2015. Rice Vision for Bangladesh: 2050 and Beyond. Bangladesh Rice J. 19 (2), 1-18.
23. **A Islam,** J Chandrabiswas, AJMS Karim, M Salmapervin and MA Saleque. 2015. Effects of Potassium Fertilization on Growth and Yield of Wetland Rice in Grey Terrace Soils of Bangladesh. Research on Crop Ecophysiology Journal 10 (2), 64-82.
24. MN Islam, F Alam, PK Saha, AL Shah, **A Islam,** and JC Biswas. 2015. Effect of Magic Growth on Rice Yield. Bangladesh Rice J 19 (2), 91-97.
25. **A Islam** and MA Muttaleb. 2016. Effect of Potassium Fertilization on Yield and Potassium Nutrition of Boro Rice in a Wetland Ecosystem of Bangladesh. Archives of Agronomy and Soil Science 62 (11), 1530-1540.
26. **A Islam,** PK Saha, JC Biswas and MA Saleque. 2016. Potassium Fertilization in Intensive Wetland Rice System: Yield, Potassium Use Efficiency and Soil Potassium Status. International Journal of Agricultural Papers 1 (2), 7-21.
27. MN Islam, MIU Sarkar, MH Ali, **A Islam** and PK Saha. 2016. IPNS Based Fertilizer Management for Rice in Coastal Zone of Bangladesh. Bangladesh J. Agril. Res. 41 (4), 667-673.
28. MN Islam, **A Islam** and JC Biswas. 2016. Genotypic Variations in Modern Rice and Nitrogen Use Efficiency. International Journal of Agricultural Papers 1 (2), 27-35.
29. **A Islam,** PK Saha, M Iqbal, MN Islam, MN Ahmed. 2016. Removal of Arsenic by Water Hyacinth from Arsenic Contaminated Water. International Journal of Agricultural Papers 1 (2), 36-41.
30. **A Islam,** AJM Sirajul Karim, ARM Solaiman, MS Islam and MA Saleque. 2017. Eight-year long potassium fertilization effects on quantity/intensity relationship of

soil potassium under double rice cropping. Soil and Tillage Research. 169 (2017), 99-117.
31. MN Islam, **A Islam** and JC Biswas. 2017. Effect of Gypsum on Electrical Conductivity and Sodium Concentration in Salt Affected Paddy Soil. International Journal of Agricultural Papers 2 (1): 19–23.
32. M. Kamrunnahar, Shahrear Ahmad, Mosud Iqbal, Mahmuda Akter, Aminul Islam.2017. Effects of Some Major Plant Nutrients on Growth and Yield of Wet Season Rice. Journal of Scientific Achievements 2(4): 5-15.
33. M Iqbal, M Akter, JC Biswas and A Islam. 2017. Performance of Nitrogen Phosphorus compound fertilizer in Boro rice. International Journal of Medical Investigation 6(1): 4-10.
34. Imran Ullah Sarkar, Nazrul Isalm, Afsana Jahan, Aminul Islam & Jatish Chandra Biswas. 2017. Rice straw as a source of potassium for wetland rice cultivation. Geology, Ecology, and Landscapes http://dx.doi.org/10.1080/24749508.2017.1361145
35. Kamrunnahar, S Ahmad, M Iqbal, MN Islam and A Islam. 2016. Effects of NPKS on Yield and Nutrition of BRRI dhan49. Bangladesh Rice J. 20 (2): 39-47
36. M N Ahmed, M Iqbal, A Islam, P K Saha, A L Shah, J C Biswas. 2017. Evaluation of NEB Mixed Urea in Rice Cultivation. Journal of Scientific Achievements. 2 (10): 20-25
37. Md Mozammel Haque, Abdul Latif Sha, Jatish Chandra Biswas, Md Rafiqul Islam, Aminul Islam, Umme Aminun Naher. 2019. Effect of Missing Nutrient Elements on Grain Yield of Wet Season Rice in Bangladesh. American Journal of Plant Sciences 10, 631-639
38. Md Mozammel Haque, Jatish C. Biswas, M. R. Islam, A. Islam & M. S. Kabir. 2019. Effect of long-term chemical and organic fertilization on rice productivity, nutrient use-efficiency, and balance under a rice-fallow-rice system. Journal of Plant Nutrition, DOI:10.1080/01904167.2019.1659338
39. Afsana Jahan, Aminul Islam, Md. Imran Ullah Sarkar, Mosud Iqbal, Md. Nayeem Ahmed and Md. Rafiqul Islam. 2020. Nitrogen response of two high yielding rice varieties as influenced by nitrogen levels and growing seasons. Geology, Ecology, and Landscapes. DOI:10.1080/24749508.2020.1742509
40. 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. 2021. Bio-Organic Fertilizer: A Green Technology to Reduce Synthetic N and P fertilizer for Rice Production. Front. Plant Sci., March 2021. DOI:10.3389/fpls.2021.602052
41. Biswajit Karmakar, Stephan M. Haefele, Amelia Henry, Md. Humayun Kabir, Aminul islam and Jatish Chandra Biswas. 2021. In Quest of Nitrogen Use-Efficient Rice Genotypes for Drought-Prone Rainfed Ecosystems. Front. Agron., 15 January 2021. DOI:10.3389/fagro.2020.607792

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.

Booklets

1. Soil and fertilizer management for rice cultivation
2. Soil Research at BRRI

Pamphlets

1. Spatial variability of arsenic in irrigation water and soils
2. Reducing of arsenic in rice
3. Arsenic in rice: Important to know the fact

PRA Report: 02

1. Abdul Muttaleb, **A. Islam,** M. A. Siddiqee, S. Ullah, Dilruba Begum and T. R. Noor (2000). Stakeholder Analysis Report for Hobiganj District. June 17-24, 2000.
2. 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.

Seminar/ Workshop/Symposium/Proceedings

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. **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.
5. 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.

Abstracts

1. **A Islam,** A J M S Karim, M A Saleque. 2015. Long-term potassium fertilization effects on quantity-intensity relationships and potential potassium buffering capacity of wetland rice soil. In: M A Saleque, M A Kashem, M A Ali and M S Kabir. 2015. Bangladesh rice research abstract 2014. Bangladesh Rice Research Institute, Gazipur 1701, Bangladesh.p.56.
2. F H Khan, T L Aditya, **A. Islam** and P K Saha. 2015. Effect of nitrogen rates on growth and yield of some newly released BRRI varieties. In: M A Saleque, M A Kashem, M A Ali and M S Kabir. 2015. Bangladesh rice research abstract 2014. Bangladesh Rice Research Institute, Gazipur 1701, Bangladesh.p.58.
3. F Alam, M I U Sarkar, **A Islam** and P K Saha. 2015. Effect of copper on rice productivity under continuous wetland intensive cropping. In: M A Saleque, M A Kashem, M A Ali and M S Kabir. 2015. Bangladesh rice research abstract 2014. Bangladesh Rice Research Institute, Gazipur 1701, Bangladesh.p.58.
4. M N Islam, F Alam, **A Islam** and P K Saha. 2015. Nitrogen requirements of some BRRI rice genotypes. In: M A Saleque, M A Kashem, M A Ali and M S Kabir. 2015. Bangladesh rice research abstract 2014. Bangladesh Rice Research Institute, Gazipur 1701, Bangladesh.p.63.

Thesis

MS 2003. Dissertation title: Sorption characteristics and fractionation of arsenic in some soils of Bangladesh

PhD 2013. Dissertation title: Long-term potassium fertilization effects on soil potassium characteristics and rice plant nutrition.

Co-supervised MS students Thesis

1. Kamrunnahar 2015. Agroecological Site Specific Nutrient Effects on BRRI dhan49 rice production.