

**CURRICULUM VITAE**  
**Of**  
**MD. ABDULLAH AZIZ**



**Personal Details**

**Name** Md. Abdullah Aziz  
**Father's Name** AzizulGaffar  
**Mother's Name** Dilruba Aziz  
**Date of Birth** 31-12-1983  
**Place of Birth** Dhaka, Bangladesh  
**Marital Status** Married  
**Permanent Address** Bara MollahBari, Vill:UttarDigholdi, PO: Joynagar,  
PS: Bhola,Dist: Bhola, Bangladesh.  
**Present Address** Flat-B2,NHB-12/4(Opposite Side of Police  
(Home) Battalion),Mirpur-14,Dhaka-1206, Bangladesh.

**Official Details**

**Position & Address** **Senior Scientific Officer (SSO)**  
Agricultural Statistics Division  
Bangladesh Rice Research Institute (BRRI)  
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**Nationality Details**

**Nationality** Bangladeshi  
**National ID No.** 8206564372

## Education

Exam	Institutions	Board/ University	Year of Passing	Group/ Dept.	GPA/Division/ Class
Post Graduate Diploma	Centre for Space Science and Technology Education in Asia and pacific ( CSSTEAP)		2019	Remote Sensing and Geographic Information System	8.55 ( out of 10)
M.S.	East West University	East West University	2014	Applied Statistics	3.24 (out of 4)
M.S.	Jahangirnagar University	Jahangirnagar University	2006(held in 2009)	Geological Sciences	3.29 (out of 4)
B.Sc. (Hons)	Jahangirnagar University	Jahangirnagar University	2005(held in 2007)	Geological Sciences	Second class
H.S.C.	B.N. College, Dhaka	Dhaka Board	2000	Science	First Div.
S.S.C.	B.N. School, Dhaka	Dhaka Board	1998	Science	First Div.

## Employment Status

	Designation	Institute/ Organization	Duration	Responsibility
01	Senior Scientific Officer	Agricultural Statistics Division, Bangladesh Rice Research Institute(BRRI),Gazipur-1701	26/07/2015 to till date	GIS Analysis,Research and Administrative
02	Data Analyst	Agricultural Statistics Division, Bangladesh Rice Research Institute(BRRI),Gazipur-1701	01/01/2013 to 26/07/2015	Data Analysis, GIS Analysis,Research and Administrative
03	GIS Analyst (FFP Project)	Agricultural Statistics Division, Bangladesh Rice Research Institute(BRRI),Gazipur-1701	01/11/2010 to 31/12/2012	GIS Analysis,Research and Administrative
04	GIS Consultant	G-5Technologies Ltd.,Mohammadpur,Dhaka	01/08/2009 to 01/08/2010	GIS Analysis, Administrative
05	Manager (Geology)	H.A. Wells Ltd., Motijheel, Dhaka-1000	01/10/2007 to 30/07/2009	Geological Survey, GIS Analysis, Administrative

## Training in Country

	Organization	Duration		Name of the Program	Comments
		To	From		
01	Computer and Information Technology Institute, Jahangirnagar University, Savar,Dhaka.	05/01/2004	05/03/2004	Computer Fundamentals, Windows Operating System, MS-Word , MS-Excel, E-Mail/Internet	Certificate
02	Computer and Information Technology Institute, Jahangirnagar University, Savar,Dhaka.	10/10/2005	10/12/2005	Data Analysis using MS-Excel & SPSS from Windows	Certificate
03	Bangladesh Rice Research Institute,Gazipur-1701.	04/04/2014	04/04/2014	Specific User Training (Training Management Information System)	
04	Computer and GIS Unit, Bangladesh Agricultural Research Council, Dhaka	15/11/2014	16/11/2014	GIS Based Crop Suitability Assessment Model (CSAM)	
05	Bangladesh Rice Research Institute,Gazipur-1701.	30/08/2015	28/10/2015	Two-month Rice Production and Communication Training Course	Certificate

06	Bangladesh Meteorological Department, Dhaka	16/08/2016	30/08/2016	Basics on Agro Meteorology, Linux, Weather and Research Forecasting(WRF) Model and Climate Prediction Tool(CPT)	Certificate
07	Bangladesh Rice Research Institute,Gazipur-1701.	01/01/2017	05/01/2017	Programing R for Experimental Design and Data Analysis	Certificate
08	Bangladesh Rice Research Institute,Gazipur-1701.	07/03/2017	09/03/2017	Modern Rice Production Training Course	Certificate
09	Institute of Remote Sensing, Jahangirnagar University, Savar,Dhaka.	20/08/2017	24/08/2017	Google Earth Engine	Certificate
10	National Agriculture Training Academy (NATA)	22/10/2017	31/10/2017	Advanced ICT Management	Certificate
11	National Agriculture Training Academy (NATA)	28/01/2018	01/02/2018	ICT in Agriculture.	Certificate
12	BARC	26/04/2018	26/04/2018	Use of satellite Data for groundwater monitoring	

13	BARC	29/04/2019	30/04/2019	Climate Smart Agriculture	Certificate
14	BIRRI	26/05/2019	29/05/2019	Decision Support System for Agro-Technology Transfer(DSSAT)	Certificate
15	BARC	11/12/2019	12/12/2019	Climate Smart Agriculture in Relation to Charland Eco-System	Certificate
16	BIRRI	06/01/2020	08/01/2020	Hands on Training on Data Analysis for Crop Modeling	Certificate
17	BARC	12/02/2020	13/02/2020	Free and open source software for Agro- Geoinformatics(FOSS4AG)	Certificate
18	BIRRI	11/10/2020	15/10/2020	Scientific Report Writing Training Course	Certificate
16	BIRRI	22/03/2021	25/03/2021	Introduction to GIS and Remote Sensing in Agricultural Research	Certificate
17	BIRRI	06/09/2021	06/09/2021	Climate Smart Agriculture(CSA): Concept and Impact	Certificate
18	BSMRAU	20/09/2021	24/09/2021	GIS & Remote Sensing	Certificate
19	BIRRI	02/10/2021	07/10/2021	Advanced Research data Management and Refresh of Scientific Report Writing	Certificate

20	BARI	29/11/2021	03/12/2021	Application of APSIM for Farming System Design and Decision Making	Certificate
21	BARC	29/05/2022	02/06/2022 ( 05 days)	Application of Impact Assessment Methods in Agriculture	Certificate
22	BIRRI	20/07/2022	24/07/2022 ( 05 days)	Hands on Training on GIS and Remote Sensing Application to Access Suitable Surface Water Resources for Crop Production in the Coastal Region.	Certificate

#### In Abroad

SL No	Name and Designation	Division	Title	Duration	Vanue	Comments
1	Md. Abdullah Aziz, SSO	Agril. Statistics	Big Geospatial Data Analytics	18/11/19-19/11/19 (02 days)	IIRS, Dehradun, India.	Certified
2	Md. Abdullah Aziz, SSO	Agril. Statistics	Advances in Remote Sensing for Agriculture	21/02/2019-22/02/2019 ( 02days)	ISPRS, New Delhi, India.	Certified
3	Md. Abdullah Aziz, SSO	Agril. Statistics	Application of Space Technology for Disaster Risk Management with Emphasis on Floods and Landslides for Asia Pacific Region	21/11/2022-02/12/2022 ( 12 days)	IIRS, Dehradun, India	Certified

#### Workshop :

Consultation and user engagement workshop for the collaborative development of Agricultural drought monitoring services in Bangladesh , Bangladesh Agricultural Research Council, Dhaka on 17 August 2017.

6<sup>th</sup> National workshop bioinformatics for sustainable development in agriculture, health and environment.13 -14 December 2017 at Bangladesh Rice Research Institute.

**Symposium :**

ISPRS TC V Mid-Term Symposium on November 20-23, 2018 at Indian Institute of Remote Sensing, Dehradun.

**Online course**

<b>Climate Change</b>	A 13 week non-credit course authorized by The University of Melbourne and offered through Coursera. From 11 August to 31 October ,2014.
<b>Regression Models</b>	A 4 week non-credit course authorized by Johns Hopkins University and offered through Coursera. From 5 January to 2 February,2015.
<b>Maps and Geospatial Revolution</b>	A 5 week non-credit course authorized the by Pennsylvania State University and offered through Coursera. From 25 March to 06May,2015.

**Field of Specialization**

Geographic Information System (GIS)

**Major Research Interests**

- Remote Sensing and GIS
- Agricultural Statistics
- Geo /Environmental Statistics

**Language Skill**

- Better in reading, writing and speaking in Bengali.
- Better in reading and writing and moderate in speaking in English.

**Computer Proficiency**

**Office Management :** MS-Word, MS-Excel, MS-Power Point, Internet operations

**Data analysis :** SPSS, Crop Stat, R

**GIS :** Arc view 3.3,Arc Map 9.2, Arc GIS 10

**Remote Sensing:** Erdas Imagine, SNAP, ENVI.

## Research outputs:

**List of Publications: National: 03; International: 12; Total: 15**

1. **Aziz, M.**, Haldar, D., Danodia, A., & Chauhan, P. (2023). Use of time series Sentinel-1 and Sentinel-2 image for rice crop inventory in parts of Bangladesh. *Applied Geomatics*, 1-14.
2. **Aziz, M.**, Shohan, H. U. S., Rahman, N. M., Rahman, M. C., Nihad, S. A. I., Hassan, S. M., ... & Rukshanara, Z. (2022). Projection of Future Precipitation in Bangladesh at Kharif-II Season Using Geospatial Techniques. *Earth Systems and Environment*, 1-12.
3. **Aziz, M.**, Moniruzzaman, M., Tripathi, A., Hossain, M., Ahmed, S., Rahaman, K. R., ... & Ahmed, R. (2022). Delineating Flood Zones upon Employing Synthetic Aperture Data for the 2020 Flood in Bangladesh. *Earth Systems and Environment*, 1-11.
4. Al Mamun, M. A., Nihad, S. A. I., Sarkar, M. A. R., **Aziz, M. A.**, Qayum, M. A., Ahmed, R., ... & Kabir, M. S. (2021). Growth and trend analysis of area, production and yield of rice: A scenario of rice security in Bangladesh. *PloS one*, 16(12), e0261128.
5. **Aziz, M. A.**, Hossain, A. Z., Moniruzzaman, M., Ahmed, R., Zahan, T., Azim, S., ... & Rahman, N. M. F. (2021). Mapping of Agricultural Drought in Bangladesh using Geographic Information System (GIS). *Earth Systems and Environment*, 1-11.
6. Rahman, N.M.F., Rahman, M.C., Baten, M.A., Hossain, M.I., Hassan, S.M.Q., Ahmed, R., Hossain, M.M., Hossain, A.B.M.Zahid, **Aziz, M.A.**, Haque, M.M. and Halder, T., 2021. Weather Forecast Based Rice Advisory Services in Bangladesh. *Bangladesh Rice Journal*, 25(1), pp.51-74.
7. Rahman, N. M. F., Mamun, M. A. A., Ahmed, R., Hossain, M. I., Qayum, **M. A.**, **Aziz, M. A.**, ... & Kabir, M. S. (2018). Stability and Adaptability Analysis of BRRI Developed Aus Varieties in Different Locations of Bangladesh. *Bangladesh Rice Journal*, 22(1), 65-72.
8. Qayum, M. A., Hossain, M. I., Rahman, N. M. F., **Aziz, M. A.**, Al Mamun, M. A., Ahmed, R., & Kabir, M. S. (2019). Region specific BRRI variety adoption: A simple way of increasing national production. *Data Science and SDGs: Challenges, Opportunities and Realities*.



9. Al-Mamun, A., Rahman, N. F., **Aziz, M. A.**, Qayum, A., Hossain, I., Nihad, S. A. I., & Kabir, S. (2018). Identification of meteorological drought prone area in Bangladesh using Standardized Precipitation Index. *J. Earth Sci. Clim. Chang*, 9, 1000457.
10. Kabir, M. M., Afrin, S., Mahbub, M. M., Hosen, S., **Aziz, M. A.**, Qayum, M. A., ... & Ali, M. P. (2017). Optimum Transplanting Date Maximizes the Growth and Yield of Rice in Bangladesh. *Journal of Experimental Agriculture International*, 1-9.
11. Kabir, M. S., Salam, M. A., Paul, D. N. R., Hossain, M. I., Rahman, N. M. F., **Aziz, M. A.**, & Latif, M. A. (2016). Spatial variation of arsenic in soil, irrigation water, and plant parts: a microlevel study. *The Scientific World Journal*, 2016.
12. **Aziz, M. A.**, Majumder, M. A. K., Kabir, M. S., Hossain, M. I., Rahman, N. M. F., Rahman, F., & Hosen, S. (2015). Groundwater depletion with expansion of irrigation in Barind tract: a case study of Rajshahi district of Bangladesh. *Int J Geol Agric Environ Sci*, 3, 32-38.
13. Zakaria, M., **Aziz, M. A.**, Hossain, M. I., & Rahman, N. (2014). Effects of rainfall and maximum temperature on Aman rice production of Bangladesh: A case study for last decade. *International Journal of Science and Technology*, 3(2), 131-137.
14. Rahman, N. M. F., Hossain, M. I., **Aziz, M. A.**, Baten, M. A., & Kabir, M. S. (2013). Prospects of Boro rice production in Bangladesh. *Advances in Environmental Biology (AEB)*.
15. Rahman, N. M. F., **Aziz, M. A.**, Rahman, M. M., & Mohammad, N. (2013). Modeling on grass pea and mung bean pulse production in Bangladesh using ARIMA model. *IOSR Journal of Agriculture and Veterinary Science*, 6(1), 20-31.

## Book

1. **Aziz, M A.**, Rahman, N M F., Rahman, M C., Nihad S A I., Ahmed, R., Qayum, M A., Mamun, M A A., Hossain, M I., Kabir, M S. (2023). Present and Future Precipitation Scenario of Bangladesh. Bangladesh Rice Research Institute (BRRI), Bangladesh.

[http://brrri.portal.gov.bd/sites/default/files/files/brrri.portal.gov.bd/page/7a71092b\\_297b\\_4d12\\_970d\\_043aa5bfd3a7/2023-03-14-04-36-7b2677f07207db36ad6c1ecd84e2c13d.pdf](http://brrri.portal.gov.bd/sites/default/files/files/brrri.portal.gov.bd/page/7a71092b_297b_4d12_970d_043aa5bfd3a7/2023-03-14-04-36-7b2677f07207db36ad6c1ecd84e2c13d.pdf)

## Book Chapter

1. Rahman, F., **Aziz, M. A.**, Quais, M. K., Hossain, M. S., & Khan, M. A. I. (2023). Sustainable Physical Methods Used for the Management of Agricultural Waste Biomass. *Agriculture Waste Management and Bioresource: The Circular Economy Perspective*, 21-45.
2. Rahman, N., Rahman, M., Baten, M., Hossain, M., Hassan, S., Ahmed, R., Hossain, M., Hossain, A., **Aziz, M.** ., Haque, M., Halder, T. ., Mamun, M., Bhuiyan, M., Khan, M., Chowdhury, A. ., Qayum, M., Sarkar, M., Salam, M., & Kabir, M. (2021). Weather Forecast Based Rice Advisory Services in Bangladesh. Doubling Rice Productivity in Bangladesh, Bangladesh Rice Research Institute.

## Conference Proceedings:

( Total: 03)

**Aziz, M. A.**, Hossain, M. I., Ahmed, R., Rahman, N. M. F., & Mamun, M. A. A. (2019). Edaphic Suitability Mapping of BRRI dhan50 and BRRI dhan72. 7th Int. Conf. on Data Science & SDGs, Dept. of Statistics, RU.

Qayum, M. A., Hossain, M. I., Rahman, N. M. F., **Aziz, M. A.**, Mamun, M. A. A., Ahmed, R., & Kabir, M.S. (2019). Region-specific BRRI variety adoption: A simple way of increasing national production. 7th Int. Conf. on Data Science & SDGs, December 18-19, 2019, Dept. of Statistics, RU.

Mamun, M. A. A., Hossain, M. I., Kabir, M. S., Rahman, N. M. F., Qayum, M. A., **Aziz, M.A.** and Ahmed, R. (2019). GGE biplot and Stability Analysis for Yield Performance of Rice Genotypes across Different Environments in Bangladesh. 7th Int. Conf. on Data Science & SDGs, Dept. of Statistics, RU.

## References

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