

## Curriculum Vitae

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**2. Designation** : Scientific Officer  
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#### 4. Academic Qualifications:

Degree	Year	University	Major field
Ms in Irrigation & Water Management	2011	Bangladesh Agricultural University	Irrigation & Water Management
B. Sc. Agricultural Engineering	2010	Bangladesh Agricultural University	Agricultural Engineering

#### 5. Area of Expertise: Irrigation and Water Management

#### 6. List of publications (Article, Report and Leaflet):

- a. M. A. Rahman, A. A. Sarkar, B. Siddiqui, **P. Biswas** and N. N. Karim (2013). Studies on Agro-Climatic Parameters of Ganges River Flood Plain and its Long-Term Trend Analysis Using “Makesens” Modal. Bangladesh Journal of Nuclear Agricultural Vol. No. 29,
- b. F. R.Muminah, A. A. Sarkar, M. Ahmed, M. A. Rahman and **P. Biswas** (2014). Studies on Agro-Climatic Parameters for Crop Planting at Three Locations of Satkhira, Hatiya and Maizdecourt. Bangladesh Journal of Nuclear Agricultural Vol. No. 30
- c. **P. Biswas**, A. A. Sarkar, R. Haque, N. N. Karim and M. A. Rahman (2014). Determination of Water Requirement and Water Productivity of Tobacco in Different Soils in Kushtia Region. Journal of Agricultural Engineering Vol. No. 41, 15-21.
- d. N.N.Karim, S. Ahmmed and **P.Biswas** (2014). Impact on Climate Changes on Monsoon and Yearly Rainfall in Bangladesh. Journal of Agricultural Engineering Vol. No. 41/AE Number-2
- e. Monira Khatun, **Partha Biswas**, Md. Moudud Hasan, Nazmun Nahar Karim and MG Mostofa Amin (2015). Yield of Three Newly Developed Mustard Varieties as Affected by Irrigation at Different Growth Stages. Res. Agric. Livest. Fish.Vol. 2, No. 2, August 2015: 13-22
- f. MH Ali, S Mubarak, A Islam, **P Biswas** (2017). Comparative Evaluation of Various Empirical Methods for Estimating Groundwater Recharge. Archives of Current Research International, ISSN: 2454-7077, 11 (1-10)
- g. M. H. Ali, M. H. Zaman, M. A. Islam, and **P. Biswas** (2019). Estimation of Groundwater Recharge Using Tracer and Water balance Method at Ishwardi, Bangladesh. Journal of Agricultural Engineering Vol. No. 42/AE Number-1, 75-82
- h. M. H. Zaman, M. H. Ali, M. A. Islam, and **P. Biswas** (2019). Evaluation of Groundwater Quality

of Chapainawabgonj, Bangladesh for Drinking and Agriculture Use. *Journal of Agricultural Engineering* Vol. No. 42/AE Number-1, 61-67

- i. M. A. Islam, M. H. Ali and **P. Biswas** (2020). Effect of Drought and Irrigation Management on Two Rice Mutants of Bangladesh. *Journal of Asian Plant Research*, 4(3): 39-45, DOI: [10.9734/aprj/2020/v4i330089](https://doi.org/10.9734/aprj/2020/v4i330089)
- j. Ali, M.H., M. Hasanuzzaman, **P. Biswas** (2020). Water-saving and economic cropping pattern for sustainable groundwater resource management in Niamatpur Upazila. A leaflet, *Agril.Engg/2020/13* (in Bangla)
- k. M. H. Ali, M. H. Zaman, M. A. Islam, **P. Biswas**, N. N. Karim and M. A. Kader (2021) Quality Assessment of Groundwater of Barind Area, Bangladesh using Integrated Hydrochemical Method. *Asian Journal of Advances in Agricultural Research*, 16 (4), Page 18-27, DOI: [10.9734/ajaar/2021/v16i430181](https://doi.org/10.9734/ajaar/2021/v16i430181)
- l. M. H. Ali, M. H. Zaman, M. A. Islam, **P. Biswas**, N. N. Karim and M. A. Kader (2021) Recent Trend of Precipitation and Crop Planning in Rajshahi Region of Bangladesh. *Asian Journal of Advances in Agricultural Research*, 16(4), Page 28-39, DOI: [10.9734/ajaar/2021/v16i430183](https://doi.org/10.9734/ajaar/2021/v16i430183)
- m. Ali, M.H., M. Hasanuzzaman, **Partha Biswas** (2021). Groundwater resources management for sustainable crop production in northwest hydrological region of Bangladesh (BINA Component), Project Completion Report (PCR), PBRG-002, NATP-2, p.126
- n. Ali, M.H., M. Hasanuzzaman, **P. Biswas** (2021). A Summary Report on “Groundwater resources management for sustainable crop production in northwest hydrological region of Bangladesh (BINA Component)”, BINA/AED/2021/15, p.12
- o. Ali, M.H., M. Hasanuzzaman, **P. Biswas** (2021). Water-saving and economic cropping pattern for sustainable groundwater resource management in Nachol Upazila. A leaflet, *Agril.Engg/2021/14* (in Bangla)