প্রকাশনা তালিকাঃ

1. Publications

1.1 Journal articles

The list of journal articles is given below *(descending order of publishing year)*:

Ali, M. H. (2017). Groundwater quality of different locations of Bangladesh. *Sustainability, Agriculture, Food and Environmental Research*, 5(4): 1-21 DOI:

Ali, M. H. and S. Mubarak (2017). Approaches and Methods of Quantifying Natural Groundwater Recharge – A Review. Asian J. Environ. & Ecology, 5(1): 1-27. DOI: 10.9734/AJEE/2017/36987

Ali, M. H. and S. Mubarak (2017). Effective rainfall calculation methods for field crops: An overview, analysis and new formulation. Asian Res. J. of Agric. 7(1): 1-12. DOI: 10.9734/ARJA/2017/36812

Ali, M. H. (2017). Quantifying natural groundwater recharge using tracer and other techniques. Asian Journal of Environment & Ecology, 5(1): 1-12, DOI: 10.9734/AJEE/2017/ 36811

Ali, M. H., S. Mubarak, M. A. Islam, P. Biswas (2017). Comparative evaluation of various empirical methods for estimating groundwater recharge. Archives of Current Research International, 11(1): 1-10. DOI: 10.9734/ACRI/2017/37432

Ali, M. H. (2017). Irrigation water management of some salt tolerant rice cultivars for higher yield. Asian J. of Adv. Agril. Research, 3(4): 1-7. DOI: 10.9734/AJAAR/2017/35860.

Ali, M. H. (2017). Response of Chickpea Varieties to Different Irrigation Regimes. Asian Journal of Advances in Agricultural Research, 2(4): 1-7. DOI: 10.9734/AJAAR/2017/35861

Ali, M. H. (2017). Irrigation management for optimizing onion seed production. Asian Research Journal of Agriculture. 6(2): 1-6. DOI: 10.9734/ARJA/2017/35863

Ali, M. H. (2017). Saline irrigation-water management strategy in wheat cultivation for higher yield and water productivity. International Journal of Engineering Research And Management (IJERM), 4(6): 25-32

Mila A. J., M. H. Ali, A. R. Akanda, M.H.Rashid and M. A. Rahman (2017). Effects of deficit irrigation on yield, water productivity and economic return of sunflower. Cogent Food & Agriculture (2017), 3: 1287619

Hasanuzzaman, M., X. Song, D. Han, Y. Zhang, S. Hussain (2017). Prediction of Groundwater Dynamics for Sustainable Water Resource Management in Bogra District, Northwest Bangladesh. Water 9(4), 238; doi:10.3390/w9040238.

Ali, M. H. and M. A. Rahman (2016). Design and construction of low-cost raised-bed drainage lysimeter for crop-water relations and hydrological studies. International Journal of Current Science and Technology, 4(3): 184-187

Sadia, M. and M. H. Ali (2016). Recent trend of reference evapotranspiration in the north-eastern region of Bangladesh. Journal of Basic and Applied Res. Int., 19(1): 10-19

Milla, J., M.H. Ali (2016). Yield response factor of sunflower under deficit irrigation at different growth phases. American J. of Exp. Agric., 11(2): 1-12. DOI:

Milla, J., M.H. Ali (2016). Irrigation-yield response factor of processing potato for different phonological growth stages. American J. of Engg. Res., 5(2): 27-34

Mila, A.J., M.H. Ali (2016). Irrigation-yield response factor of mustard at different growth phases. Int. J. Expt. Agric. 6(1): 15-21

Mila, A. J., A. R. Akanda1, S. K. Biswas and M. H. Ali (2016). Crop Co-efficient Values of Sunflower for Different Growth Stages by Lysimeter Study. British Journal of Environment & Climate Change, 6(1): 53-63

Asraf, T., M. H. Ali (2015). Water-table dynamics and trend in three Upazilas of Rajshahi district (Barind area), Bangladesh. *Asian Academic Research Journal of Multidisciplinary*, 2(6): 286 -310

Ali, M. H., I. Abustan. 2014. A new novel index for evaluating model performance. J. of Natural Resour. and Dev., 04: 1-9

Ali, M.H., I. Abustan, M.H. Zaman, A.K.M.R. Islam, A. AlBassam. 2014. Optimising irrigation water for field crops to maximize the yield and economic return. Global Advanced Research Journal of Agricultural Science, 3(8): 223-232

Ali, M. H., Islam, A.K.R.M., Zaman, M.H. 2014. Improving soil hydraulic properties for better agricultural water management and crop Production – A review. International Journal of Engineering and Technical Research (IJETR), 2(6): 30-34

Ali, M. H., I. Abustan. 2013. Irrigation management strategies for winter wheat using AquaCrop model. J. of Natural Resour. and Dev., 03: 106-113

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A.A. Sarkar, M. Hasanuzzaman, M.A. Rahman, J. Nain, N.N. Karim and M.H. Ali (2013). Increasing Cropping Intensity and profitability in Dry Barind Area of Bangladesh, Utilizing Profile Soil Moisture and Supplemental Irrigation. Bangladesh J. Nuclear Agric. 27 &28: 103-118.

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Ali, M. H., A.A. Sarkar, M.A. Rahman. 2012. Analysis on groundwater-table declination and quest for sustainable water use in the North-western region (Barind area) of Bangladesh. *J. of Agril. Sci. and Applications*. 1(1):26-32

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Ali, M. H., M.R. Hoque, A. A. Hassan and M.A. Khair. 2007. Effects of deficit irrigation on wheat yield, water productivity and economic return. *Agric. Water Manage.,* 92: 151- 161

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Ali, M. H., M.G.M. Amin and A.K.M.R. Islam. 2005. Reference evapotranspiration over Bangladesh and its implication in crop planning. *J. Bangladesh Agril. Uni*. 3(1): 139 – 147

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(iii) Effectiveness of crop sequence "Binadhan-7 – Binamusur-5 – Binatil-2" in Magura district to combat climate change effects. (Dec., 2013) (in Bangali)

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