



CURRICULUM VITAE



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Education

1. Ph.D. Civil Engineering, 2023, Universiti Teknologi Malaysia (UTM)
2. M.S. Soil and Water Engineering, 2019, Universiti Putra Malaysia (UPM)
3. B.E. Agricultural and Biological, 2015, Universiti Putra Malaysia (UPM)
4. Dip. Mechanical Engineering (Agriculture), 2010, Politeknik Kota Bharu (PKB)
5. Cert. Mechanical Engineering (Agriculture), 2009, Politeknik Kota Bharu (PKB)

Area of Interest

1. Irrigation Engineering
2. Hydrology and Water Resources Engineering
3. Reservoir Operation
4. Climate Change Impacts Studies in Water Resources and Agriculture

Professional Qualification/ Membership/ Affiliation

1. Member, Malaysian Society of Agricultural Engineers (MSAE), 2018 – Present

Appointment

Position	Duration
1. Senior Lecturer, Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	20 th Nov 2023 – Present
2. Enumerator, Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	14 th Sept 2023 – 17 th Nov 2023
3. Young Academic Scheme (Tenaga Akademik Muda), Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	20 th Feb 2017 – 30 th Mar 2023
4. Trainee Engineer, Triple-A Engineering Sdn. Bhd.	9 th Jun 2014 – 29 th Aug 2014



5. Trainee Supervisor, Koperasi Pekebun Kecil Daerah Muar Berhad 14th Jul 2008 – 14th Dec 2008

Publication

Journals

1. **Adib, M. N. M.**, & Harun, S. (2022). Metalearning approach coupled with CMIP6 multi-GCM for future monthly streamflow forecasting. *Journal of Hydrologic Engineering*, 27(6), 05022004 (Q3, IF: 2.4)
2. **Adib, M. N. M.**, Harun, S., & Rowshon, M. K. (2022). Long-term rainfall projection based on CMIP6 scenarios for Kurau River Basin of rice-growing irrigation scheme, Malaysia. *SN Applied Sciences*, 4, 70 (Q2, IF: 2.6)
3. **Adib, M. N. M.**, Rowshon, M. K., Mojid, M. A., & Habibu, I. (2020). Projected streamflow in the Kurau River Basin of Western Malaysia under future climate scenarios. *Scientific Reports*, 10(1), 8336 (Q2, IF: 4.6)
4. Rowshon, M. K., Dlamini, N. S., Mojid, M. A., **Adib, M. N. M.**, Amin, M. S. M., & Lai, S. H. (2019). Modeling climate-smart decision support system (CSDSS) for analyzing water demand of a large-scale rice irrigation scheme. *Agricultural Water Management*, 216, 138–152 (Q1, IF: 6.7)

Book Chapter

1. **Adib, M. N. M.**, & Harun, S. (2023). Machine learning algorithms with hydro-meteorological data for monthly streamflow forecasting of Kurau River, Malaysia. In Othman, I. K., Haniffah, M. R. M., & Jamal, M. H. (Eds.), *Lecture Notes in Civil Engineering* (Vol. 2, pp. 29–41). Singapore: Springer.

Research Grant

No	Project Title	Amount (RM)	Year	Source of Fund
1.	Development of Climate-smart Irrigation Scheduling for IADA KETARA Irrigation Scheme	20000	2017 – 2018	Putra Grant, IPS (Universiti Putra Malaysia)

Awards/Recognition

No	Name of Awards	Title	Award Authority	Award Type	Year
1.	Academic Award	Best Student Award (Ph.D)	Universiti Teknologi Malaysia	University	2023
2.	Academic Award	Best Student Award (Bachelor)	Universiti Putra Malaysia	University	2015
3.	Final Year Project Award	Best Presenter (Silver Medal) (Bachelor)	Universiti Putra Malaysia	University	2015



4.	Academic Award	Polytechnic Director's Award (Certificate)	Politeknik Kota Bharu	Polytechnic	2009
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Professional Services/Consultation				
No	Role	Title		Year
1.	Journal Reviewer	Computers and Electronics in Agriculture (Manuscript ID: COMPAG-D-23-03963)		2023
2.	Journal Reviewer	Computers and Electronics in Agriculture (Manuscript ID: COMPAG-D-23-03152)		2023
3.	Journal Reviewer	American Journal of Climate Change (AJCC) (Manuscript ID: 2361288)		2023