CURRICULUM VITAE

Dr. Mohamad Firdza Mohamad Shukery
Jabatan Kejuruteraan Biologi dan Pertanian, Universiti Putra Malaysia,
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Education

1. Ph.D. Environmental Engineering, 2017, Universiti Teknologi Malaysia
2. M. S. Biomechanical Engineering, 2012, Universiti Putra Malaysia.
3. B.E. Biological and Agricultural, 2008, Universiti Putra Malaysia

Areas of Interest

1. Biomass-energy modeling
2. Agricultural waste management
3. Sustainable agricultural production

Professional Qualification/ Membership/ Affiliation

1. Member, Malaysian Society Agricultural Engineer (MSAE)
2. Graduate Member, Board of Engineers Malaysia (BEM)

Appointments

Position	Duration
1. Alumni Coordinator, Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	Mac 2018 to date
2. Senior Lecturer, Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	October 2017 to date
3. Tutor, Department of Biological and Agricultural Engineering, Universiti Putra Malaysia	July 2009– October 2017
4. Research Assistant, Department of Biological and Agricultural Engineering, Universiti Putra Malaysia	April 2009– July 2009

Publications

Journals (30 recent journals)

1. **Shukery, M.F.M**., Haslenda-Hashim & Lim, J.S., 2016. Superstructure-based synthesis and optimisation of an oil palm eco-industrial town: a case study in Iskandar Malaysia. Clean Technologies and Environmental Policy, pp.1–11. (Published). (IF=2.337)

Conference Proceedings (30 recent Conference Proceedings)

1. **Mohamad Shukery M.F**., Hashim H., and Lim JS. " Optimal Operating System and Location for Development of Oil Palm Eco-Industrial Town (EIT): Case Study in State of Johor".The 9th Regional Conference on Chemical Engineering. 21-22 November 2016, Kuala Lumpur. (Indexed by Scopus).
2. **Mohamad Shukery M.F**., Hashim H., and Lim JS. "A Multi Period Model for Steady Planning of Oil Palm Eco-Industrial Town". International Conference of Low Carbon Asia (ICLCA 2015), 11-12 October 2015, Johor Bahru, Malaysia.
3. **Mohamad Shukery M.F**., Hashim H., and Lim JS. Optimal Design of Oil Palm Eco-Industrial Town by Using Mathematical Modeling Approach: Case Study in Iskandar Malaysia. 18th Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction (PRES 15). 23- 27 August 2015, Kuching, Malaysia.

Updated on…19/7/2018……

Books (If any)

Chapter in Books (If any)

Research Grants

No	Project Title	Amount (RM)	Year	Source of Fund

Awards/Recognition (Current)

Num	Name of awards	Title	Award Authority	Award Type	Year

Professional Services/Consultation

No	Year	Title	Authority	Amount

Student Supervision

PhD (Main Supervisor)

No.	Name	Title	Status

MS with thesis (Main Supervisor)

No.	Name	Title	Status

MS without Thesis (Main Supervisor)

No.	Name	Title	Status