



### **CURRICULUM VITAE**

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**A. MAKLUMAT UMUM (GENERAL INFORMATION)**

<b>Nama (Name)</b>	Enio Kang Mohd. Sufian Kang
<b>Gelaran (Title)</b>	Dr
<b>Jawatan (Position)</b>	Pensyarah Kanan (Senior lecturer)
<b>Kelayakan (Qualification)</b>	B. Agr. Sc. (UPM), Ph.D Land Resources Management (UPM)
<b>Jabatan (Department)</b>	Pendidikan Sains & Teknikal (Science and Technical Education)
<b>Bidang Kepakaran (Area of Specialisation)</b>	Pendidikan Sains Pertanian
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**B. BIODATA**

Dr. Enio Kang Mohd. Sufian Kang berkelulusan Ijazah Sarjana Muda dalam bidang Sains Pertanian dari Universiti Putra Malaysia. Beliau memperoleh Ijazah Doktor Falsafah dalam bidang Pengurusan Sumber Tanah daripada universiti yang sama pada tahun 2016. Beliau menyertai Fakulti Pengajian Pendidikan UPM sebagai pensyarah kanan pada Disember 2017. Dr. Enio pernah bekerja sebagai pembantu penyelidik dalam penilaian hasil sampingan industri sebagai bahan tambahan pembajaan tanah untuk pertumbuhan pokok kelapa sawit dan kesan-kesannya kepada alam sekitar. Beliau banyak berkecimpung dalam pengukuran perubahan ciri kimia-fizik tanah dan agronomi pokok kelapa sawit sepanjang projek itu dijalankan. Pengajian PhD beliau banyak mendedahkan Dr. Enio kepada isu-isu berkaitan pengairan tanah asid sulfat di Malaysia serta kesan-kesannya ke atas persekitaran dan kualiti air. Beliau pernah dikurniakan anugerah pelajar terbaik jurusan sains tanah oleh MSSS untuk kerja penyelidikan berkaitan pemetaan tanah dan pertanian presisi di kawasan jelapang padi di MADA, Perlis. Beliau pernah terlibat dengan program sangkutan penyelidikan di Kochi, Jepun sebagai penyelidik jemputan.

Dr. Enio Kang Mohd. Sufian Kang holds a BSc. in agricultural science from Universiti Putra Malaysia. She graduated with PhD in Land Resource Management from the same University in 2016. She joins Faculty of Educational Studies, UPM as a senior lecturer in December 2017. She was once a research assistant working on the assessment of industrial byproduct as a soil amendment for oil palm growth and the effects of the application to the environment. She deals with changes of soil physico-chemical properties and evaluation of the agronomic parameters of oil palm during the course of this project. Throughout her PhD journey, she was extensively exposed to the issues of acid sulfate soils drainage in Malaysia as well as its impact on the surrounding environment and water quality. She was awarded the Best Malaysian Soil Science student by Malaysian Soil Science Society (MSSS) for her works on soil mapping and precision agriculture in a paddy field in MADA, Perlis. She was invited as a young researcher and did a research attachment in Kochi, Japan.

**C. BIDANG PENYELIDIKAN (RESEARCH AREA)**

1. Pengurusan sumber tanah (Land resources management)
2. Sains pertanian (Agricultural science)
3. Pendidikan sains pertanian (Agricultural science education)

## **D. PENERBITAN (PUBLICATION)**

### **Journal articles:**

Sahibin A.R., J. Shamshuddin, C.I.Fauziah, O.Radziah, I.Wan Mohd Razi, **M.S.K.Enio**. 2019. Impact of Mg rich synthetic gypsum application on the environment and palm oil quality. Science of The Total Environment. 652(573-582).

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2014. Carbon dioxide fluxes from drained peat overlying pyrite-bearing mineral sediments in the Kelantan Plains, Malaysia. *Jokull* 64(3): 362-381.

Shamshuddin, J., **M.S.K. Enio**, C.I. Fauziah and Q.A. Panhwar. 2013. On the Pyritization of the Coastal Sediments in the Malay Peninsula during the Holocene and its Effects on Soil. *Malaysian Journal of Soil Science* Vol. 17: 1-15

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2011. Pyritization of the coastal sediments in the Malay Peninsula during the Holocene. *Amer. J. Agric. Bio. Sci.* 6(3): 393-402.

### **Proceedings:**

**Enio M.S.K.**, J. Shamshuddin, C.I. Fauziah, M.H.A. Husni. 2018. Weathering of Pyrite and Principal Components of Chemical Properties Among Soils Along the Kelantan Plains, Peninsular Malaysia (International Conference on Sustainable Agriculture, Sandakan, Sabah, Malaysia)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2017. Assessing The Principal Components Of Soil Chemical Properties Among Pyritic Soils Along The Kelantan Plains, Malaysia (International Conference of Sustainable Soil Management, Bintulu, Sarawak, Malaysia)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2016. Depth Distribution And Weathering Stages Of Pyrite In Acid Sulfate Soils Along The Kelantan Plains, Peninsular Malaysia (International Agriculture Congress, Bangi, Malaysia)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2015. Quantifying the Release of Acidity and Trace Metals from Acid Sulphate Soils in Kelantan Plains, Malaysia (SOILS 2015, Putrajaya, Malaysia)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2012. Soil properties and Carbon Dioxide Emission from Sulphidic Soils in Kelantan Plains, Peninsular Malaysia (7<sup>th</sup> International Acid Sulfate Soils Conference, Vaasa, Finland)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2011. Emission of CO<sub>2</sub> from peat soil associated with acid sulfate soil in Kelantan plains, Malaysia (JSPS Young Researcher Conference, Kochi, Japan)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2010. Occurrence of Pyrite in the Coastal Plains as an Evidence for the Rise of Sea Level in Malay Peninsula during Holocene (National Geological Conference, Shah Alam)

**Enio, M.S.K.**, J. Shamshudin, C.I, Fauziah and M.H.A. Husni. 2009. Effect of Drainage on the Chemical Properties of Acid Sulfate Soils Overlain by Peaty Materials in the Kelantan Plains (SOILS 2009, Kuala Terengganu)

**E. PENGAJARAN (TEACHING)**

STE4100 (Teaching of Agrotechnology Management)

STE3101 (Practical Teaching of Agricultural Science)

STE4800 (Methods of Teaching Agricultural Science)

EDU5400 (History and Philosophy of Technical and Vocational Education)