

CURRICULUM VITAE

| A. BUTIR-BUTIR PERIBADI <i>(Personal Details)</i> | | | |
|--|--|--|---------------------------------|
| Nama Penuh <i>(Full Name)</i> | Isharudin Md Isa | | Gelaran <i>(Title)</i> : Encik |
| No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i> | Warganegara <i>(Citizenship)</i> Malaysia | Bangsa <i>(Race)</i> Malay | Jantina <i>(Gender)</i> Male |
| Jawatan <i>(Designation)</i> | Lecturer | Tarikh Lahir <i>(Date of Birth)</i> | 02/08/1971 |

| <i>Alamat Semasa</i> <i>(Current Address)</i> | <i>Jabatan/Fakulti</i> <i>(Department/Faculty)</i> | <i>E-mel dan URL</i> <i>(E-mail Address and URL)</i> |
|---|--|--|
| | Department of Land Management, Faculty of Agriculture, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, MALAYSIA. Tel: +6 03 8947 4860 Fax: +6 03 8940 8316 | E-mail: imi@upm.edu.my URL: n.a H/P: |

| B. KELAYAKAN AKADEMIK <i>(Academic Qualification)</i> | | | |
|---|---|---------------------------------|--|
| Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i> | Nama Sekolah Institusi <i>(Name of School / Institution)</i> | Tahun <i>(Year obtained)</i> | Bidang pengkhususan <i>(Area of Specialization)</i> |
| Master of Science (Agriculture Science) | Universiti Putra Malaysia | 2002 | Soil physic and fertility |
| PhD | The University of Western Australia | 2008 (ongoing) | Soil conservation and hydrology |

| C. KEMAHIRAN BAHASA <i>(Language Proficiency)</i> | | | | | |
|--|--------------------------|----------------------------------|-------------------------|-----------------------------------|-----------------------------------|
| <i>Bahasa / Language</i> | Lemah <i>Poor (1)</i> | Sederhana <i>Moderate (2)</i> | Baik <i>Good (3)</i> | Amat Baik <i>Very good (4)</i> | Cemerlang <i>Excellent (5)</i> |
| English | | | | | x |
| Bahasa Melayu | | | | | x |

| D. PENGALAMAN SAINTIFIK DAN PENGKhususan <i>(Scientific experience and Specialisation)</i> |
|--|
| |

| <i>Organization</i> | <i>Position</i> | <i>Start Date</i> | <i>End Date</i> | <i>Expertise</i> |
|--|-----------------|-------------------|-----------------|-------------------|
| The International Erosion Control Association (IECA) | Member | June 2015 | - | Soil Science |
| International Union of Soil Sciences (IUSS) | Member | Jan 2015 | - | Soil Science |
| Malaysia Society of Soil Science (MSSS) | Member | November 2008 | - | Soil Science |
| The 10th International Symposium on Plant-Soil Interaction at Low pH | Organizer | 2017 | | Soil Science |
| Projek Pemuliharaan Tanah Terbiar di Baling, Kedah | Member | 2015 | | Soil conservation |
| Soil Science Conference of Malaysia | Organizer | 2015 | | Soil Science |

E. PEKERJAAN (*Employment*)

| <i>Majikan / Employer</i> | <i>Jawatan / Designation</i> | <i>Jabatan / Department</i> | <i>Tarikh lantikan / Start Date</i> | <i>Tarikh tamat / Date Ended</i> |
|----------------------------------|------------------------------|-------------------------------|-------------------------------------|----------------------------------|
| Universiti Putra Malaysia | Lecturer | Department of Land Management | 20/10/2003 | - |

F. ANUGERAH DAN HADIAH (*Honours and Awards*)

| <i>Name of awards</i> | <i>Title</i> | <i>Award Authority</i> | <i>Award Type</i> | <i>Year</i> |
|------------------------|--------------------------|---|----------------------|-------------|
| Academic Awards | | International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA), Kementerian Pengajian Tinggi (KPT) 2017 | National | 2017 |
| Academic Awards | Silver Award | Universiti Sultan Zainal Abidin (UniSZA) & Universiti Malaysia Terengganu (UMT) (MPI) 2017 | National | 2017 |
| Academic Awards | Best Poster Award | Malaysian Society of Soil Science (MSSS) and Universiti Putra Malaysia Bintulu Sarawak Campus 2017 | National | 2017 |
| Academic Awards | Silver Award | Universiti Teknologi Mara (UiTM) Breakthrough Invention, Innovation And Design Exhibition BIIDE 2016 | National | 2016 |
| Academic Awards | Bronze Award | Pecipta'2017 | International | 2017 |
| | | | | |

| | | | | |
|---------------------|---|--|--|--|
| Non-Academic Awards | - | | | |
| Awards of Merit | - | | | |

| G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published) | |
|--|--|
| <i>Journal</i> | <p>Mohd. Nizar, K., Abd. Jamil, Z. Isharudin, M.I., Hamdan, J., Wan Mohd. Nazri W. A. R. and Mohd. Kamarul Syahid, S (2016). The Potential Of Treated Palm Oil Mill Effluent (POME) Sludge As An Organic Fertilizer. <i>AGRIVITA</i>. 38(2): 1-13. DOI: 10.17503/agrivita.v38i1.654 (Q4)</p> <p>Mohd. Nizar, K., Abd. Jamil, Z. Isharudin, M.I., Rahym, A.R, (2018). Effect of amending Organic and Inorganic Fertilizer on Selected Soil Physical Properties in Entisols. <i>AGRIVITA</i>. 38(2): 1-13. DOI: 10.17503/agrivita.v38i1.654 (Q4)</p> <p>Mohd. Nizar, Isharudin, M.I., K., Abd. Jamil, Z., Hazandy, A.H. (2018). Sains Malaysiana 2018. accepted for publication</p> |
| <i>Books/Monographs</i> | |
| <i>Chapter in book</i> | <p>Mohd Nizar, K., Isharudin, M.I., Abd. Jamil, Z., Hamdan, J., Hazandy, A.H., and Muhammad Esyam, A. 2017. Utilizing the Palm Oil Mill Effluent (POME) Sludge as an Organic Amendment: A Review. <i>Advance in Tropical Soil Science</i>, Vol 4, UPM Press. (Inpress)</p> <p>Treated POME Sludge as Biofertilizer (2016). <i>In Chapter: Advance Tn tropical Soil Science</i>, Volume 3, 128-141. ISBN 978-967-344-515-8. UPM Press.</p> <p>The Physical Characteristic Of Some Tropical Saprolites And Their Implication On Agriculture (2016). <i>In Chapter: Advance in Tropical Soil Science</i>, Volume 3, 99-111. ISBN 978-967-344-515-8. UPM Press.</p> |
| <i>Proceedings</i> | <p>Mohd Nizar, K., Isharudin, M.I., Abdul Rahym, A.R., Hamdan, J. and Abd. Jamil, Z. (2016). Effect Of Organic and Inorganic Amendments On Selected Soil Physical Properties In Rasau Series By RETC Model. A poster published by Malaysian Society of Soil Science and Universiti Malaysia Terengganu.</p> <p>Isharudin, M.I., Mohd Nizar, K., Gwenzi, W. and Hamdan, J. (2015). Shear Strength Enhancement By Digitaria Setivalva Associated With NPK And Bio Green Application On Bungor Soil Slope. <i>International Journal of Tropical Agriculture © Serials Publications</i>, 33 (4), pp 1-10.</p> <p>Isharudin, M.I., Mohd Nizar, K., Hamdan, J. and Willis Gwenzic. (2015). Shear Strength Enhancement By Digitaria Setivalva Associated With NPK And Bio Green Application On Bungor Soil Slope. <i>Soil Science Conference of Malaysia: Putrajaya</i>. 8-10 April.</p> |
| <i>Computer software</i> | <i>Microsoft Office, Hydrus 1D and Hydrus 2D modelling, RUSLE2, RETC, SAS 9.1</i> |

| H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project) | | | | | |
|---|--|-----------------|-------------|-----------------------|---------------|
| <i>Project No.</i> | <i>Project Title</i> | <i>Role</i> | <i>Year</i> | <i>Source of fund</i> | <i>Status</i> |
| 1 | Rock fragments model for sustainable resource use in arid and semi-arid water-limited ecosystems | Main researcher | 2008 | KPT and UWA | on going |
| 2 | TPS Media | Main researcher | 2015 | UniSZA, UPM and UiTM | Completed |
| 3 | TPS Fertilizer | Main researcher | 2017 | UniSZA, UPM and UiTM | Completed |
| 4 | Manipulation of Calcium silicate for effective control of white root rot disease of rubber (<i>Hevea Brasiliensis</i>) | Co-Researcher | 2017-2020 | UPM | On-going |
| 5 | Utilization of Anaerobic Palm Oil Mill Effluent (POME) Sludge into Liquid Fertilizer for grain maize (<i>Zea mays</i>) production. | Main Researcher | 2018-2020 | UPM | On-going |