

CURRICULUM VITAE

DATA PERIBADI

Nama: Khasifah Binti Muhamad

Jantina: Perempuan

Tarikh Lahir: 7 Disember 1980

Tempat Lahir: Wilayah Persekutuan Kuala Lumpur

Warganegara: Warganegara Malaysia

Agama: Islam

Alamat Rumah: No 5 Jalan Kajang Impian 2/2 Taman Kajang Impian 43650 Bandar Baru Bangi Selangor

Alamat Tempat Kerja: Mardi Cameron Highlands Persiaran Dayang Endah Tanah Rata 39000 Cameron Highlands Pahang

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LATAR BELAKANG PENDIDIKAN

Sekolah Rendah Kebangsaan Aminuddin Baki Slim River Perak - (1987 – 1992)

Sekolah Menengah Dato' Zulkifli Muhammad Slim River – (1993 – 1997)

Pendidikan Tinggi:

1) Diploma Perikanan – Universiti Putra Malaysia Terengganu (1998 – 2000)

2) Sarjanamuda Sains, Sains Sekitaran (Biologi Sekitaran) – Universiti Kebangsaan Malaysia (2000 – 2003)

3) Sarjana Pengurusan Persekitaran – Universiti Kebangsaan Malaysia (2003 – 2004)

4) Ijazah Kedoktoran Falsafah (Environmental Science) – The University of Lancaster, United Kingdom (2012 – 2016)

TAJUK TESIS

- 1) Kesan kombinasi saiz pasir ke atas pertumbuhan dan penyebaran tiga jenis rumput turf (*Axonopus affinis*, *Ischaemum timorense* dan *Paspalum vaginatum*)
- 2) Kesan BOD dan pepejal terampai ke atas kualiti air Sungai Jeloh dan Sungai Langat
- 3) The impact of biochar on soil functioning in two contrasting climates

PENGALAMAN KERJA

Agensi Nuklear Malaysia (Pembantu Penyelidik) – 2004 – 2005

Institut Penyelidikan dan Kemajuan Pertanian Malaysia (MARDI) – 2005 hingga kini

Pegawai Penyelidik (2005 – 2016)

Pegawai Penyelidik Kanan (2016 hingga kini)

Ketua Stesen Mardi Cameron Highlands (2019)

KEMAHIRAN

- Membuat cadangan penyelidikan
- Analisis statistik (Sigma plot, sigma stat, Ms Excel)
- Bahasa Melayu
- Bahasa Inggeris
- Microsoft Office

ANUGERAH

- Anugerah Dekan Fakulti Sains dan Teknologi Universiti Putra Malaysia Terengganu
- Anugerah Dekan Fakulti Sains dan Teknologi Universiti Kebangsaan Malaysia
- Anugerah Dekan Pusat Pengajian Siswazah Universiti Kebangsaan Malaysia

PENERBITAN

Wan Abdullah, W.Y., Noor Haslizawati, A.B., Intan Nadhirah, M., Khasifah, M. and Muhammad Zamir, A.R. (2019). LYSIMETER STUDY: ZEN-VAC WATER SAMPLER TO EXTRACT LEACHATE IN MARDI CAMERON HIGHLANDS. Proceedings of Soil Science Malaysia, 16-18 April, 2019 Melaka

Intan Nadhirah, M.; Khasifah, M. and Wan Abdullah, W.Y. (2019). The Potential of Goji Berry Tree to Control Soil Erosion in Cameron Highlands, Malaysia. Proceedings of Global Symposium on Soil Erosion (GSER19), 15-17 May, 2019. Rome Italy

Khasifah, M. (2018). The effect of soil amendment on the biological properties of tropical and temperate soils. Laporan Teknikal Pusat SS 2018 MARDI. 204-210

Khasifah, M. 2018. Laporan menghadiri 10th International Symposium on Plant-Soil Interactions at Low pH

Khasifah, M. 2018. The effect of biochars application on the agricultural soils properties in Cameron Highlands. 10th International Symposium on Plant-Soil Interactions at Low pH. June 25-28, 2018. Palm Garden Hotel IOI Resort, Putrajaya, Malaysia. P. 119- 121

Khasifah, M. 2018. The effect of soil amendment on the biological properties of tropical and temperate soils. Technical Report SS 2017. Pg 204-211

Khasifah, M. and Norziana, Z.Z. (2017). IAEA/RCA Regional Training Course on Best Practices to Improve Soil Fertility and Crop Productivity Under Marginal Lands Using Conventional and Isotopic Techniques. Avenue Garden Hotel, Bangi dan Agensi Nuklear Malaysia Bangi, 13-17 November 2017.

Khasifah, M. 2016. Azolla. Edisi 3/November, ms 2. Newsletter Pusat SS MARDI

Khasifah, M. 2016. Does biochar improves agricultural soil? A review of the use of biochar. Technical Report 2016 Crop and Soil Science Research Centre MARDI. MS 168-180

Khasifah, M. 2016. Hakisan Tanah di Kawasan Pertanian. Newsletter Pusat Penyelidikan Tanaman dan Sains Tanah SS Edisi Khas

Khasifah, M. 2016. Pengurusan Tanah Cerun untuk Pertanian. Edisi 3/November, ms 4. Newsletter Pusat SS MARDI

Khasifah, M. 2016. The impact of biochar on soil functioning in two contrasting climates. Tesis PhD, Lancaster University, Lancaster, United Kingdom

Khasifah, M. 2015. Biochar impact on soil biological and nutrients leaching from three contrasting tropical soils. Early Research Conference, 7-8 April 2015, University of York, York, United Kingdom

Khasifah, M. 2014. Biochar impact on ammonium and nitrate leaching from highly weathered soils. Faculty of Science and Technology Christmas Conference, 16 December 2014, Lancaster University, Lancaster, United Kingdom

Khasifah, M. 2014. The aging effect of coconut shell and rice husk biochars on the tropical agricultural physical and chemical soil properties. University Postgraduate Research Conference 2014, Mac 2014, Lancaster University, Lancaster, United Kingdom

Khasifah, M. (2011). Kawalan hakisan tanah di kawasan pertanian. Buletin Teknologi Tanaman MARDI. Bil. 8, ms. 53-60

Khasifah, M. (2011). Pengurusan air tanah untuk pertanian lestari di tanah cerun. Agromedia, MARDI. Bil. 35, ms 4-5.

Khasifah, M. (2010). Hakisan di ladang betik dan cara kawalannya. Agromedia, MARDI. Bil 33 ms. 20-22.

Khasifah, M. (2009). Soil erosion in jackfruit orchard. Proc. Soil Science Conference 2009 (SOILS 2009), 13-15 April 2009, Kuala Terengganu.

Khasifah, M. (2009). Impact of development at mukim kajang on biological oxygen demand and total suspended solids in Jeloh and Langat rivers. National Conference on Agro-Environment 2009, 24-26 March 2009, Johor Bahru.

Khasifah, M. (2009). The performance of kenaf plants in soil erosion control. 2nd National Conference on Agro-Environment 2009, 24-26 March 2009, Johor Bahru.

Khasifah, M. (2009). Development of Erosion Control Measures Using Kenaf. Technical Review Meeting on Research and Development of Kenaf MARDI 14-15 Februari 2009, Kota Bharu Kelantan.

Khasifah, M., Ghulam, M.H. and Muhamad Radzali, M. (2008). Utilization of oil palm fronds and grass hedge as erosion control measures. Proceeding SOILS 2008, 15-17 April 2008, Ipoh Perak.

Khasifah, M. (2008). Kawalan hakisan tanah di ladang betik. Showcase Biobisnes MARDI 2008

Khasifah, M. (2008). Penggunaan biojisim dalam pengawalan hakisan tanah. MAHA 2008.

Khasifah, M., Ghulam, M.H., Muhamad Radzali, M., Ayob, A.H. and Mahadzi, I. Development of erosion control measures using kenaf. International Conference on Natural Resources and Environmental Management 2007 & Environmental Safety & Health (NREM 2007 & ESH), 27-29 November 2007, Kuching Sarawak.

Khasifah, M., Muhamad Radzali, M. dan Ghulam, M.H. (2007). Hutan paya laut sebagai benteng dan penyelamat tsunami. Agromedia MARDI. Bil. 24, ms. 26-28.

Ghulam, M.H. and Khasifah, M. (2006). Diversion of water flow to control soil erosion on hillsides. Proceeding Soil Science Conference, 18-20 April 2006, Kuantan.

Muhamad Radzali, M., Ayob, A.H., Zulkefli, M and Khasifah, M. (2006). Geo-spatial technology for sustainable agriculture environment in Malaysia: The way forward. National Conference on Agro-Environment 2006, 11-12 September 2006, Penang.

Khasifah, M. (2006). Pencemaran air dari perspektif pertanian. Agromedia MARDI. Bil. 21 ms. 26-29.