

# CURRICULUM VITAE



## A. BUTIR-BUTIR PERIBADI *(Personal Details)*

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| <b>Nama Penuh</b> <i>(Full Name)</i>                                | TENGKU HANIDZA BINTI<br>TENGKU ISMAIL                   | <b>Gelaran</b> <i>(Title)</i> :<br><b>Associate Professor</b> |
| <b>No. MyKad / No. Pasport</b><br><i>(Mykad No. / Passport No.)</i> | <b>Warganegara</b><br><i>(Citizenship)</i><br>Malaysian | <b>Bangsa</b><br><i>(Race)</i><br>Malay                       |
|   |   | <b>Jantina</b> <i>(Gender)</i><br>Female                      |
| <b>Jawatan</b> <i>(Designation)</i>                                 | Associate Professor                                     | <b>Tarikh Lahir</b><br><i>(Date of Birth)</i>                 |

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| <b>Alamat Semasa</b> <i>(Current Address)</i> | <b>Jabatan/Fakulti</b><br><i>(Department/Faculty)</i>  | <b>E-mel dan URL</b> <i>(E-mail Address and URL)</i> |
|   | Department of Environmental Sciences<br>Faculty of Environmental Studies<br>Universiti Putra Malaysia,<br>43400 Serdang, Selangor<br><br>Tel: 03 8946 6770<br>Fax:03 8946 7456 | E-mail:<br>thanidza@upm.edu.my<br><br>URL:           |

## B. KELAYAKAN AKADEMIK *(Academic Qualification)*

| Nama Sijil / Kelayakan<br><i>(Certificate / Qualification obtained)</i> | Nama Sekolah Institusi<br><i>(Name of School / Institution)</i> | Tahun<br><i>(Year obtained)</i> | Bidang pengkhususan<br><i>(Area of Specialization)</i> |
|---|---|---------------------------------|--|
| <b>Bachelor Arts</b>  | Southern Illinois University, USA.                              | <b>1983</b>                     | <b>Microbiology</b>                                    |
| <b>MSc</b>  | University Kansas Medical Center                                | <b>1986</b>                     | <b>Community Health</b>                                |
| <b>Diploma in Microbiology</b>  | <b>MARA Institute of Technology, Malaysia</b>                   | <b>1981</b>                     | <b>Microbiology</b>                                    |
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| <b>C. KEMAHIRAN BAHASA</b> ( <i>Language Proficiency</i> ) |                          |                                  |                         |                                   |                                   |
|--|--------------------------|----------------------------------|-------------------------|-----------------------------------|-----------------------------------|
| Bahasa / Language  | Lemah<br><i>Poor (1)</i> | Sederhana<br><i>Moderate (2)</i> | Baik<br><i>Good (3)</i> | Amat Baik<br><i>Very good (4)</i> | Cemerlang<br><i>Excellent (5)</i> |
| English  |                          |                                  |                         | 4                                 |                                   |
| Bahasa Melayu  |                          |                                  |                         | 4                                 |                                   |
| Chinese  |                          |                                  |                         |                                   |                                   |
| Lain-lain ( <i>other</i> ):                                |                          |                                  |                         |                                   |                                   |

| <b>D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN</b><br>( <i>Scientific experience and Specialisation</i> ) |          |            |          |           |
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| Organization   | Position | Start Date | End Date | Expertise |
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| <b>E. PEKERJAAN</b> ( <i>Employment</i> ) |                                |   |                                 |                              |
|---|--------------------------------|---|---------------------------------|------------------------------|
| Majikan / Employer                        | Jawatan / Designation          | Jabatan / Department                                | Tarikh lantikan /<br>Start Date | Tarikh tamat /<br>Date Ended |
| <b>UPM</b>                                | <b>Lecturer</b>                | <b>Department of<br/>Environmental<br/>Sciences</b> | <b>1 June 1986</b>              | <b>31 Jul 2008</b>           |
| <b>UPM</b>                                | <b>Senior Lecturer</b>         | <b>Department of<br/>Environmental<br/>Sciences</b> | <b>1 Aug 2008</b>               | <b>31 July<br/>2015</b>      |
| <b>UPM</b>                                | <b>Associate<br/>Professor</b> | <b>Department of<br/>Environmental<br/>Sciences</b> | <b>1 Aug 2015</b>               | <b>current</b>               |
| <b>UPM</b>                                | <b>Head Department</b>         | <b>Department of<br/>Environmental<br/>Sciences</b> | <b>15 Dec 2016</b>              | <b>current</b>               |

| <b>F. ANUGERAH DAN HADIAH</b> ( <i>Honours and Awards</i> ) |                                     |                 |                     |             |
|---|-------------------------------------|-----------------|---------------------|-------------|
| Name of awards  | Title                               | Award Authority | Award Type          | Year        |
| <i>Academic Awards</i>                                      | Mercury Exposure                    | <b>Japan</b>    | <b>Travel Grant</b> | <b>2007</b> |
|   | Research and Innovation Exhibition. | <b>UPM</b>      | <b>4 Bronze</b>     | <b>2006</b> |
|   | Research and Innovation Exhibition  |                 | <b>bronze</b>       | <b>2003</b> |
|   | Academic Book Writing Award         |                 |                     | <b>2003</b> |
| <i>Non-Academic Awards</i>                                  |                                     |                 |                     |             |

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| <i>Awards of Merit</i> | <b>Service Award<br/>Service Award<br/>Service Award</b> | <b>UPM<br/>UPM<br/>UPM</b> | <b>Excellence<br/>Excellence<br/>Setia Putra</b> | <b>2010<br/>2005<br/>2005</b> |
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**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*)

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| <i>Journal</i> | <p>A. Hassan. M. Y. Saari<sup>1</sup>, T. H. Tengku Ismail. 2017. Virtual water trade in industrial products: evidence from Malaysia. <i>Environment Development and Sustainability</i>. 19:877-894 (Scopus)</p> <p>Tengku Hanidza Tengku Ismail, Nur Azyan Fathiah Adnan and Mohd Armi Abu Samah. 2017. The accumulation of Fe, Pb, Zn, Ni and Cd in <i>Nerita lineata</i> and <i>Thais bitubercularis</i> obtained from Tanjung Harapan and Teluk Kemang, Malaysia. <i>J. Clean WAS</i>. 1(1): 06-16</p> <p>T. H. Tengku Ismail, H. Juahir, A. Z. Aris, Sharifuddin M. Zain, Armi Abu Samah. 2016. Local community acceptance of the rare earth industry: the case of the Lynas Advanced Materials Plant (LAMP) in Malaysia. <i>Environment Development and Sustainability</i> 18(3):739-762<br/>DOI 10.1007/s10668-015-9675-5 (Scopus)</p> <p>Tengku Hanidza Tengku Ismail*, Azman Hassan, Hafizan Juahir, Sharifuddin M Zain, and Mohd Armi Abu Samah. 2015. Lynas Advance Material Plant (LAMP) Project: Examining factors influencing risk acceptance by the host community. <i>Procedia Environmental Sciences</i> 30: 21 – 26</p> <p>Azman Hassan, Tengku Hanidza Tengku Ismail*, Mohd Yusof Saari, and Mohd Armi Abu Samah. 2015. Public response to the rare earth industries in Malaysia. <i>Procedia Environmental Sciences</i> 30: 62 – 67</p> <p>Chackrin Utit, Mohd Yusof Saari, Azman Hassan, and Tengku Hanidza Tengku Ismail. 2015. Measuring the embodied waste among industries in Malaysia. <i>Procedia Environmental Sciences</i> 30: 228-231</p> <p>Ahmad Zaharin Aris, Tengku Hanidza Tengku Ismail, Rosta Harun, Mohammad Firuz Ramli, and Ramdzani Abdullah. Environmental forensics: Bridging the gap of science and the ‘art of deductions’. <i>Procedia Environmental Sciences</i> 30: 1-2</p> <p>Siti Hajar Sulaiman, Tengku Hanidza T.I. and Hafizan Juahir. 2013. Developing scales for measuring teachers’ acceptance of the Environmental Education Kit (EE Kit): A pilot study in Malaysia Schools. <i>World Applied Science Journal</i> 23(6): 726-733 (Scopus/ ISI/ IF 0.234)</p> |
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Wan Ying Lim, Ahmad Zaharin Aris, and Tengku Hanidza Tengku Ismail. 2013. Spatial geochemical distribution and sources of heavy metals in the sediment of Langat River, Western Peninsular Malaysia. *Environmental Forensics* 14(2): 133-145 (IF 0.652)

Tengku Hanidza T.I., Amirah Ainaa M Jan, Ramdzani Abdullah, and Madinah Ariff. 2013. A preliminary study of noise exposure among grass cutting workers in Malaysia. *Procedia- Social and Behavioral Sciences* 91: 661-672 (Scopus)

Wan Ying Lim, Ahmad Zaharin Aris, Tengku Hanidza Tengku Ismail and Mohamad Pauzi Zakaria. 2013. Elemental hydrochemistry assessment on its variation and quality status in Langat River, Western Peninsular Malaysia. 2012. *Environmental Earth Sciences* 70: 993-1004 (IF 1.059)

Siti Hajar Sulaiman, Tengku Hanidza T.I., and Rosta Harun. 2012. The Acceptability of Environmental Education Kit (EE) Kit among teachers at selected schools in Peninsular Malaysia. *World Applied Science Journal* 19(4): 457-463 (Scopus/ ISI)

Tengku Ismail Tengku Hanidza, Ahmad Zaharin Aris, and Shantini Somasundram. 2011. Potential removal of Pb, Cu and Zn by *Phylidrum lanuginosum* in aquatic Environment. *Fresenius Environmental Bulletin* 20(5A): 1261-1269 (IF: 0.66 )

Hafizan J, Sharifuddin M Zain, Mohd Kamil Yusoff, T.I. Tengku Hanidza, A.S. Mohd Armi, Mohd Ekhwan Toriman, and Mazlin Mokhtar. 2011. Spatial water quality assessment of Langat River Basin (Malaysia) using environmetric techniques. *Environmental Monitoring Assessment* 173:625-641. (IF 1.59)

Syamimi I., Tengku Hanidza T.I., and Puziah A.L. 2011. Estimation of the pesticide exposure during spraying among applicators. *Health and the Environment Journal* 2 (1):18-22

Tengku Hanidza T.I., Sharifuddin M. Zain, Hafizan Juahir, M. Kamil Yusoff and Latifah Abdul Manaf. 2010. Organophosphate exposure: A preliminary assessment on the use of pesticide intensity score to evaluate exposure among fruit growers. *EnvironmentAsia* 3 (Special issue): 203-216 (Scopus)

Tengku Hanidza T.I., Tong LK, Sharifuddin M Zain and Puziah Abdul Latif. 2010. Chemical risk evaluation: A case study in an automotive air conditioner production facility. *EnvironmentAsia* 3(Special issue):186-202 (Scopus)

Tengku Hanidza T.I., Tunku Khalkausar F., Yasutake A., Sharifuddin M. Zin, Hafizan Juahir, and Rosta Harun. 2010. Hair mercury levels in

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|                  | <p>relation to marine fish consumption among adults in Malaysia. <i>EnvironmentAsia</i> 3(Special issue): 175-185 (Scopus)</p> <p>Rosta Harun, Azizah Sulong, Yip Hin Wai, Tengku Hanidza Ismail, Mohd Kamil Yusoff, Latifah Abdul Manaf and Hafizan Juahir. 2010. Impacts of forest changes on indigenous people livelihood in Pekan District, Pahang. <i>EnvironmentAsia</i> 3 (Special issue):156-159 (Scopus)</p> <p>Tengku Hanidza T I , Tunku Khalkausar T F, Yasutake A, Sharifuddin M Zain, Hafizan Juahir, and Rosta Harun. 2008. Mercury exposure in coastal communities of Kedah and Kelantan, Malaysia. <i>The Icfai Journal of Environmental Sciences</i> 2 (2): 30-44</p> <p>M Kamil Yusoff, Mohammad Firuz Ramli, Hafizan Juahir, Kwong Siew San Latifah Abd Manaf, Tengku Hanidza Tengku Ismail and Rosta Harun. 2008. BOD5 and TOC at river crossings, East-Coast Highway, Peninsular Malaysia. <i>Journal of Environmental Hydrology</i> 16 (Paper 19): 1-9</p> <p>Latifah Abd Manaf, Mohd Lokman Che Jusoh, Mohd Kamil Yusoff, Tengku Hanidza Tengku Ismail, Rosta Harun and Hafizan Juahir. 2009. Influences of bedding material in vermicomposting process. <i>International Journal of Biology</i> 1(1):81-91</p> <p>Lim Chang Chyuan, Tengku Hanidza Tengku Ismail and Azman Hassan. 2007 “How do Malaysians perceive risks?” <i>International Undergraduate Journal</i>. 1(1): 8-22</p> <p>Tengku-Hanidza, T.I., Andrew Lee, Azman, H., and Rosta Harun, 2006. The prevalence of dietary supplement use and nutritional believes among adults in Malaysia. <i>Malaysian Journal of Consumer and Family Economics</i> Vol. 9, pp. 127-146.</p> <p>Tengku Hanidza T. Ismail. 1988. Health for all. <i>Tropical Urban Ecosystem Studies</i> 1: 1-10</p> |
| Books/Monographs | <p>A. Z. Aris, T.H. Tengku Ismail, R. Harun, A.M. Abdullah, and M.Y. Ishak (eds.). From Sources to Solution. Proceedings of the International Conference on Environmental Forensics. 2013. DOI: 10.1007/978-981-4560-70-2_17, Springer, Singapore. ISBN 978-981-4560-70-2; ISBN 978-981-4560-70-2 (eBook). 2014</p> <p>Rosta Harun, Abdullah Mohd, Kamurudin Mohd Noor, Tengku Hanidza Tengku Ismail, Hafizan Juahir dan Yip Hin Wai. Pelan Pengurusan Kesedaran Sains dan Teknologi dalam Kalangan Pelajar Sekolah Negeri Sabah. 2011. Universiti Putra Malaysia. ISBN 978-967-344-231-7</p> <p>Rosta Harun, Abdullah Mohd, Kamurudin Mohd Noor, Tengku Hanidza</p>   |

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|                 | <p>Tengku Ismail, Hafizan Juahir dan Yip Hin Wai. Laporan Status Celik Alam Sekitar dalam Kalangan Pelajar Sekolah Menengah Negeri Sabah. 2011. Universiti Putra Malaysia. ISBN 978-967-344-232-4</p> <p>Tengku Hanidza Tengku Ismail Ismail. 2002. Research Methods in Environmental Sciences. UPM Press. ISBN 967-960-158-7. Pp 90</p> <p>Bahan Sumber Pembelajaran Pengajian Agroteknologi Tingkatan 5. 2002. Kementerian Pendidikan Malaysia. ISBN 983-9264-08-7.</p> <p>Tengku Hanidza Tengku Ismail. 1987. The occurrence of campylobacter enteritis in Jounson County, Kansas during 1984. University of Kansas, Preventive Medicine. 278 pages.</p>   |
| Chapter in book | <p>Moniza waheed, Tengku Hanidza Tengku Ismail, Mohd Mokrish Md Ajat and Shaharom Noraziah Che Mat Din. In One Health Manual: On Handling Zoonotic Disease Outbreak in Malaysia. Abdul Rashid Khan (Ed.). MyOHUN. ISBN 978-967-960-416-0</p> <p>Tengku Hanidza Tengku Ismail, Hafizan Juahir and Ahmad Zaharin Aris. 2014. Concerns on the threat of environmental hazards to human and environment in Malaysia: An exploratory analysis. Chapter 70. From Sources to Solution. Proceedings of the International Conference on Environmental Forensics. A. Z. Aris, et al (Eds.). Springer, Singapore. ISBN 978-981-4560-70-2; ISBN 978-981-4560-70-2 (eBook). 2014 (Cited Proceedings)<br/>DOI: 10.1007/978-981-4560-70-2_17,</p> <p>Nur Azyan Fathiah Adnan and Tengku Hanidza Tengku Ismail. 2014. The accumulation of Fe, Pb, Zn, Ni and Cd in <i>Nerita lineata</i> and <i>Thais bitubercularis</i> obtained from Tanjung Harapan and Teluk Kemang, Malaysia. Chapter 72. From Sources to Solution. Proceedings of the International Conference on Environmental Forensics. A. Z. Aris, et al (Eds.). Springer, Singapore. ISBN 978-981-4560-70-2; ISBN 978-981-4560-70-2 (eBook). 2014 (Cited Proceedings)<br/>DOI: 10.1007/978-981-4560-70-2_17,</p> <p>Mohd Yusof Saari, Azman Hassan, Tengku Hanidza Tengku Ismail, and Nila Fakhriah Fahrur Razi. 2014. Does trade in industrial products have the potential to improve distribution of global virtual water? Chapter 17. From Sources to Solution. Proceedings of the International Conference on Environmental Forensics. A. Z. Aris, et al (Eds.). Springer, Singapore. ISBN 978-981-4560-70-2; ISBN 978-981-4560-70-2 (eBook). 2014 (Cited Proceedings)<br/>DOI: 10.1007/978-981-4560-70-2_17,</p> <p>Rashid Atta Khan, Sharifuddin M. Zain, Hafizan Juahir, Mohd Kamil Yusoff and Tg Hanidza T.I. 2012. Using Principal Component Scores</p> |

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|                           | <p>and Artificial Neural Networks in Predicting Water Quality Index, Chemometrics in Practical Applications, Kurt Varmuza (Ed.), ISBN: 978-953-51-0438-4, InTech. DOI: 10.5772/32577.<br/>Available from: <a href="http://www.intechopen.com/books">http://www.intechopen.com/books</a></p> <p>Tengku Hanidza Tengku Ismail, Azman Hassan and Rosta Harun. Enhancement of Soft Skills through Student Leadership Program: A case study on Student High Council Sixteenth College, Universiti Putra Malaysia. Towards Students Holistic Development. Muhd Zu Azhan Yahya et al. (Eds.). University Publication Centre (UPENA), UiTM. 2010. ISBN 978-967-363-063-9</p> <p>Tengku Hanidza, T.I. and Sharifuddin M Zain . Risk Perception in Public Decision Making. In Glimpses of Environmental Risk Management in Malaysia. Mazlin Mokhtar, Lee Yok Heng, and Goh Choo Ta (Eds). LESTARI, UKM. ISBN978-983-9444-88-9. 2008.</p> <p>Tengku Hanidza Tengku Ismail. 2006. Public Perception on Environmental Health Risks. In Selected Essays in Environmental Science and Management: Towards a Sustainable Tropical Environment. Eds. Mad Nasir Shasudin, H.M. Ibrahim, Wan Nor Azmin Sulaiman, Hafizan Juahir, Mohammad Ismail Yaziz, and Mohd Nasir Hassan. Universiti Putra Malaysia Press. ISBN 983-3455-48-4</p> <p>Rosta Harun, Tengku Hanidza Tengku Ismail, and Aida Mazreena Alauddin. 2006. The Role of Environmental Literacy in Inculcating Sustainable Ethics . In Selected Essays in Environmental Science and Management: Towards a Sustainable Tropical Environment. Eds. Mad Nasir Shasudin, H.M. Ibrahim, Wan Nor Azmin Sulaiman, Hafizan Juahir, Mohammad Ismail Yaziz, and Mohd Nasir Hassan. Universiti Putra Malaysia Press. ISBN 983-3455-48-4</p> |
| <p><i>Proceedings</i></p> | <p>Siti Hajar Sulaiman, Tengku Hanidza T.I, Hafizan Juahir, Rosta Harun. 2012. Teachers' acceptance of the Environmental Education (EE) Kit for teaching environmental education component in the classrooms. Proceedings in National Research &amp; Innovation Conference for Graduate Students in Social Sciences (GS-NRIC 2012). Pp 499-507. ISBN 978 983 2408 086</p> <p>Tengku Hanidza T.I., Tunku Khalkausar F, Yasutake A, Hafizan Juahir, Rosta Harun and Sharifuddin M Zin. 2007 A Cross Sectional Survey of Hair Mercury Levels in Adult Population in Four Districts in Malaysia. In current issue on mercury pollution in the Asia Pacific Region. NIMD Forum 2006 II.28-29 November 2006. Published by National Insitute for Minamata Disease. Ministry of the Environment. Japan. 31st March 2007.</p> <p>Tengku Hanidza T.I., Tunku Khalkausar Fathahi, Sharifuddin M. Zain, Hafizan Juahir, Yasutake A, Mohd Kamil Yusof, and Ozelin Oksel. Determination of mercury levels in hair : A case study on two rural</p>   |

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|                                  | <p>coastal communities. JSPSVCC. Kyoto University, Japan. November, 2006.</p> <p>Rosta Harun, Ahmad Makmom Abdullah, Tengku Hanidza Tengku Ismail, Khamaruddin Mohd Nor, Abdulah Mohd , Nadwan Ibrahim and Yip Hin Wai. 2006. Old Problems, Old solutions: Living sustainability with cature. International Sysmposium on Sustainable Environmental Management in Asia. Nara Women University, Nara, Japan. 19-23 October 2006.</p> <p>Tengku Hanidza Tengku Ismail, Natassah Othman and Hani Adzlin Adnan. Work safety climate and workers behavior. 2005. Research Summary: 1 Faculty of Environmental Studies, UPM. ISSN 1823-4380.</p> <p>Tengku Hanidza Tengku Ismail, Puziah Abdul Latif, and Hani Adzlin Adnan. To develop and exposure model to determine the extent of organophosphate pesticide exposure among paddy farmers. 2005. Research Summary: 1 Faculty of Environmental Studies, UPM. ISSN 1823-4380.</p> <p>Tengku Hanidza Tengku Ismail, Hani Adzlin Adnan, Norhanem Zulkifly, and Rosemaria Idris. 2005. Risk perception in Malaysia: A Case Study of Perak and Penang. Research Summary: 1 Faculty of Environmental Studies, UPM. ISSN 1823-4380.</p> <p>Tengku Hanidza Tengku Ismail, Puziah Abdul Latif, and Hani Adzlin Adnan. Chemical safety in agricultural practices. 2005. Research Summary: 1 Faculty of Environmental Studies, UPM. ISSN 1823-4380.</p> <p>Tengku Hanidza Tengku Ismail and Rosli bin Hashim. 1990. Environmental management of tourism in coastal areas. In Proceedings of a Training Workshop in Environmental management of tourism in coastal areas Vol I &amp; II (Reports &amp; Papers). Biotrop-Seameo Bogor, Indonesia (Eds. Ian Dutton and Peter Saengers)</p> |
| <p><i>Other publications</i></p> | <p><b>1. Modules</b></p> <p>Outbreak Investigation Module. 2016. Chapter 6 Risk Communication. MyOHUN (On-going- Draft).</p> <p>Exploring Microbial Universe. In Tengku Hanidza Tengku Ismail. Human Exposure to Environmental Pollutants©. Updated 2013. Text book used in ESC 3101. Pp 1–47. Available at LMS – Universiti Putra Malaysia Learning Management System at <a href="http://www.lms.upm.edu.my">http://www.lms.upm.edu.my</a></p> <p>Infectious diseases: A Global Threat. In Tengku Hanidza Tengku Ismail. Human Exposure to Environmental Pollutants©. Updated 2013. Text book used in ESC 3101. Pp 48-94. Available at LMS – Universiti Putra Malaysia Learning Management System at</p>  |



<http://www.lms.upm.edu.my>

Metals of Public Health Significance. In Tengku Hanidza Tengku Ismail. Human Exposure to Environmental Pollutants©. Updated 2013. Text book used in ESC 3101. Pp 95-122. Available at LMS – Universiti Putra Malaysia Learning Management System at <http://www.lms.upm.edu.my>

Radiation and Health. In Tengku Hanidza Tengku Ismail. Human Exposure to Environmental Pollutants©. Updated 2013. Text book used in ESC 3101. Pp 123-152. Available at LMS – Universiti Putra Malaysia Learning Management System at <http://www.lms.upm.edu.my>

Toxic Chemicals and You. In Tengku Hanidza Tengku Ismail. Human Exposure to Environmental Pollutants©. Updated 2013. Text book used in ESC 3101. Pp 153-188. Available at LMS – Universiti Putra Malaysia Learning Management System at <http://www.lms.upm.edu.my>

ESC 3101 Prinsip Kesihatan Alam Sekitar Modul Amali©. Tengku Hanidza Tengku Ismail. Updated 2013. 25 pp.

ESC 3101 Prinsip Kesihatan Alam Sekitar Modul Amali©. Tengku Hanidza Tengku Ismail. Updated 2013. 25 pp.

ESC 4102 Lab Module©. Tengku Hanidza Tengku Ismail. 2013. Pp 1-15.

ESC 4102 Environmental Exposure Assessment. Student Centered Learning Module©. Tengku Hanidza Tengku Ismail. 2013. 29 pp.

ESC 4101. Environmental Health Impact Assessment Student Centered Learning Module©. Tengku Hanidza Tengku Ismail. 2013. 15 pp.

ESC 5141 Environmental Entrepreneurship Student Centered Learning Module (PBL) ©. Tengku Hanidza Tengku Ismail. 2013. 4 pp.

Resume and Interview Skills Package A. Finishing School Phase 2 (Updated 17/11/2011). Center of Entrepreneurship Innovation and Student Development (CEISeD). UPM.

Leadership Skills (Package D). Pusat Kokurikulum UPM. 2010

Environmental Education Kit for Science subject Form 3. 2009. Ministry of Education-WWF.

Environmental Education Kit for Science subject Form 2. 2008. Ministry of Education-WWF.

Environmental Education Kit for Science subject Form 1. 2007. Ministry of Education-WWF.

## **2. Environmental Magazines**

**EraHijau (Department of Environment Malaysia Publications)  
ISSN 1994-0724:**

Tengku Hanidza Tengku Ismail. Persidangan Iklim Antarabangsa Durban (COP17). EraHijau 1/2012 pp 3

Tengku Hanidza Tengku Ismail. Daun Tiruan: Sumber Tenaga Alternatif untuk Masa Depan. EraHijau 1/2012 pp 10-11

Tengku Hanidza Tengku Ismail. Carbon Trading and Carbon Offsets. IMPAK Issue1/2012 pp 11-12

Tengku Hanidza Tengku Ismail. Penggunaan Tenaga Diperbaharui di Seluruh Dunia. EraHijau 3/2012

Tengku Hanidza Tengku Ismail. Jerebu Rentas Sempadan di rantau ASEAN. EraHijau 4/2012

Tengku Hanidza Tengku Ismail. Kualiti Hidup. EraHijau 1/2011 pp 3

Tengku Hanidza Tengku Ismail. Rundingan Iklim Dunia. EraHijau 1/2011 pp 3-4

Tengku Hanidza Tengku Ismail. Pengurusan Hutan Secara Mapan EraHijau 2/2011 pp 3

Tengku Hanidza Tengku Ismail. Kriteria Pengurusan Hutan Mapan. EraHijau 2/2011 pp 4-5

Tengku Hanidza Tengku Ismail. Unsur Nadir Bumi (Rare Earth). EraHijau 4/2011 pp 10-11

Tengku Hanidza Tengku Ismail. Teknologi untuk menangani perubahan iklim. EraHijau 1/2010 pp 12-13

Tengku Hanidza Tengku Ismail. Tumpahan minyak di Teluk Mexico mengancam ekosistem laut. EraHijau 2/2010 pp 18-19

Tengku Hanidza Tengku Ismail. Teknologi hijau daripada alam semulajadi. EraHijau Isu 3/2010 pp 6-7

Tengku Hanidza Tengku Ismail. Keasidan air laut dan kesan keatas jaringan makanan. EraHijau 4/2010 pp 12-13

Mohd Armi Abu Samah dan Tengku Hanidza Tengku Ismail. Pertandingan Kyoto box. EraHijau 2/2009

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Malaysia National Plan for Advancing Environmental-Economic Accounting (NP-AEEA) Draft 4. Nov. 2016.

The SEEA Assessment Progress Report: Supporting Member States in Developing and Strengthening Environmental-Economic Accounting for Improved Monitoring of Sustainable Development in Malaysia. August 2016

Final Report Ambient Air Standard for Hydrogen Cyanide from Gold mining and Processing Activities. DOE 2015

Progress Report Ambient Air Standard for Hydrogen Cyanide from Gold mining and Processing Activities. DOE 2015

Preliminary Report Ambient Air Standard for Hydrogen Cyanide from Gold mining and Processing Activities. DOE 2015

Interim Report: Kajian Pewujudan Pusat Sains & Teknologi Sabah untuk Unit Sains dan Teknologi, Jabatan Ketua Menteri Sabah. 2011

Final Report: Kajian Pewujudan Pusat Sains & Teknologi Sabah untuk Unit Sains dan Teknologi, Jabatan Ketua Menteri Sabah. 2012

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Computer software

#### H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)

| Project No. | Project Title  | Role       | Year                     | Source of fund                     | Status             |
|-------------|--|------------|--------------------------|------------------------------------|--------------------|
|             | Human health risk assessment of active pharmaceutical ingredients in drinking water (Malaysia)   | Researcher | 2016                     | TRGS. Gov. of Malaysia             | On-going           |
|             | Supporting Member States in Developing and Strengthening Environmental Statistic and Integrated Environmental - Economic Accounting for Improved Monitoring of Sustainable Development in Malaysia | Researcher | 15 Jun 2016- 31 Oct 2017 | UNSD/DOSM                          | On-going           |
|             | Ambient air standard for hydrogen cyanide from gold mining   | Consultant | July 2015                | Department of Environment Malaysia | Completed Dec 2015 |

|  |  |                |      |   |      |
|--|--|----------------|------|---|------|
|  | and processing activities  |                |      |   |      |
|  | The acceptability of Environmental Education Kit (EE Kit) as a tool in teaching environmental education in the classroom   | Project Leader | 2012 | RUGS. Gov. of Malaysia                                      | 2014 |
|  | Kajian Pewujudan Pusat Sains Sabah   | Researcher     | 2010 | Unit Sains dan Teknologi Sabah, Jabatan Ketua Menteri Sabah | 2011 |
|  | Kesedaran Sains dan Teknologi dalam kalangan pelajar sekolah negeri Sabah.   | Researcher     | 2009 | Unit Sains dan Teknologi Sabah, Jabatan Ketua Menteri Sabah | 2010 |
|  | Kajian penentuan had pendedahan yang dibenarkan (PEL) bagi bahan kimia berbahaya kepada kesihatan di Malaysia. Untuk DOSH. | Consultant     | 2008 | Department of Occupational Safety and Health Malaysia       | 2009 |
|  | Community Exposure to Pesticide in the Paddy Growing Areas of Sekinchan, Selangor.   | Project Leader | 2007 | Science fund. Gov. of Malaysia                              | 2010 |
|  | Organophosphate Exposure Pathways in Agricultural Community Children: Time-Activity Behavioral Risk                        | Project Leader | 2007 | RUGS. Gov of Malaysia                                       | 2009 |
|  | Detailed Environmental Impact Assessment on The Proposed resource Recovery Centre (RDF),                                   | Consultant     | 2004 | Private   | 2004 |

|  |  |                |      |                        |      |
|--|--|----------------|------|------------------------|------|
|  | Semenyih, Selangor   |                |      |                        |      |
|  | Determination of the Extent of Organophosphate Pesticide Exposure among Padi Farmers | Project Leader | 2003 | IRPA-EA pusingan ke-8. | 2006 |