

## **Penerbitan warga LESTARI 2017**

### **Bab dalam Buku**

1. **Lubna Alam**, Minhaz Farid Ahmed, Siti Zulaiha Zolkaply & **Mazlin bin Mokhtar**. 2016. Risk and benefits of Tilapia. Dlm. Barbara Richardson (pnyt.). *Tilapia and Trout*, hlm. 1-26. New York: Nova Science Publisher. ISBN 978-1-53610-588-9.
2. Rabiatul Jannah Mohamad & **Sharifah Zarina Syed Zakaria**. 2017. Kelestarian pendidikan di muzium: pengalaman di Muzium Alam Semulajadi, Putrajaya. Dlm. Sharifah Zarina Syed Zakaria & Zuliskandar Ramli (pnyt.). *kelestarian Alam Sekitar, Ekonomi dan Sosial di Malaysia*, hlm. 87-106. Perak: Penerbit UPSI. ISBN 978-967-0924-44-1.

### **Jurnal/ Journal**

1. **Ahmad Fariz Mohamed, Shaharudin Idrus** & Abdul Samad Hadi. 2017 Challenges of urban space for sustainable solid waste management in the Langat Basin, Malaysia. *International Journal of the Malay and Civilization 5(Special Issue 3): 59-66. ISSN 2289-1706*.
2. Ailie Sofyiana Serasa, Goh Thian Lai, Abdul Ghani Rafek, Azimah Hussin, **Lee Khai Ern** & Tuan Rusli Mohamed. 2017. Peak friction angle estimation from joint roughness coefficient of discontinuities of limestone in Peninsular Malaysia. *Sains Malaysiana 46(2)(2017): 181-188. ISSN 0126-6039*.
3. Azlinawati Abdullah, Yukari Izumi, **Shaharuddin Mohamad Ismail**, Abdul Samad Hadi, Yoshihito Shirai, **Ahmad Fariz Mohamed & Shaharudin Idrus**. 2017. Education for sustainable development: primary school children's knowledge of the forest in Kitakyushu, Japan. *Malayan Nature Journal 69(1): 99-110. ISSN 0025-1291*.
4. Eka Safitri, Lee Yook Heng, Musa Ahmad & **Tan Ling Ling** 2017. Fluorescence bioanalytical method for urea determination based on water soluble ZnS quantum dots. *Sensors and Actuators B 240(2017): 763-769. ISSN 0925-4005*.
5. Farah Faiqah Fazial, **Tan Ling Ling**, Azfar Al Ariff Ahmad & Saiful Irwan Zubairi. 2017. Physicochemical characterization of biofluid metabolites from liquid residual of Tuna Fish (*Euthynnus affinis*) throughout refrigerated storage condition. *Journal of Food Quality 2017: 1-7. ISSN 1745-4557*.
6. Fazrul Razman Sulaiman, Naqiatul Intan Farhain Bakri, Nuraisyah Nazmi & **Mohd Talib Latif**. 2017. Assessment of heavy metals in indoor dust of a university in a tropical environment. *Environmental Forensics 18(1): 74-80. ISSN 1527-5922*.
7. Goh Thian Lai, Ailie Sofyiana Serasa, Abdul Ghani Rafek, Norbert Simon, Azimah Hussin, Tuan Rusli Mohamed & **Lee Khai Ern**. 2017. Rockfall zoning using rock fall simulation at Gua Damai, Selangor, Malaysia. *Electronic Journal Geotechnical Engineering 22(5): 1681-1691. ISSN 1089-3032*.
8. Goh Thian Lai, Ainul Mardhiyah Mohd Razib, Nur Amanina Mazlan, Abdul Ghani Rafek, Ailie Sofyiana Serasa, Norbert Simon, Noraini Surip, **Lee Khai Ern** & Tuan Rusli Mohamed. 2017. Rock slope stability assessment of limestone hills in Northern Kinta Valley, Ipoh, Perak, Malaysia. *Geological Behavior 1(1): 22-26. ISSN 2455-0987*.

9. Haider M. Owaid, Roszilah Hamid & **Mohd R. Taha**. 2017. Variation of Ultrasonic Pulse Velocity of Multiple-blended Binders Concretes Incorporating Thermally Activated Alum Sludge Ash. *KSCE Journal of Civil Engineering* 21(4): 1235-1246. ISSN 1226-7988.
10. Joanne C. L. Lim & **Khai Ern Lee**. 2017. Optimizing Advanced Oxidation Process for Industrial Textile Wastewater Treatment. *Nature Environment and Pollution Technology* 16(2): 591-597. ISSN 0972-6268.
11. Joanne C.L. Lim & **Lee Khai Ern**. 2017. Reactive-disperse mixed dye wastewater treatment using advanced oxidation process. *Nature Environment and Pollution Technology* 16(1): 45-54. ISSN 0972-6268.
12. **Khai Ern Lee**, Thian Lai Goh & Norbert Simon. 2017. Textile wastewater treatment by Polycrylamide aided Magnesium Chloride Hybrid coagulant. *Nature Environment and Pollution Technology* 16(2): 399-407. ISSN 0972-6268.
13. **Lubna alam, Mazlin bin Mokhtar, Sharina Abdul Halim & Minhaz Farid Ahmed**. 2017. Review on regional impact of climate change on fisheries sector. *International Journal of Novel Research in Interdisciplinary Studies* 4(1)(January-February): 1-5. ISSN 2394-9716.
14. Mahmoud Mohammadyan, ahmad Alizadeh-Larimi, Siavash Etemadinejad, **Mohd Talib Latif**, Behzad Heibati, Kaan Yetilmezsoy, Sabah Ahmed Abdul-Wahab & Payam Dadvand. 2017. Particulate air pollution at schools: indoor-outdoor relationship and determinants of indoor concentrations. *Aerosol and Air Quality Research* 17: 857-864. ISSN 1680-8584.
15. Marlia Mohd Hanafiah, Mohamed Yasreen Mohamed Ali, Nur Izzah Hamna Abdul Aziz, Muhammad Aqeel Ashraf, Azhar Abdul Halim, **Lee, K. E.** & Idris, M. 2017. Biogas production from goat and chicken manure in Malaysia. *Applied Ecology and Environmental Research* 15(3): 529-535. ISSN 1785-0037.
16. Maybelle Liang, Edy Tonnizam Mohamad, **Ibrahim Komoo** & Chau-Khun Ma. 2017. An excavatability classification system for surface excavation in sedimentary rocks. *Bulletin Engineering Geology and the Environment* 76 (2017): 241-251. ISSN 1435-9529.
17. Maybelle Liang, Edy Tonnizam Mohamad, **Ibrahim Komoo** & Chau-Khun Ma. 2017. Performance evaluation of existing surface excavation assessment methods on weathered sedimentary rocks. *Bulletin Engineering Geology and the Environment* 76 (2017): 205-218. ISSN 1435-9529.
18. Mohamad Fauzi Mohamad Saruman, **Muhammad Rizal Razman, Sharifah Zarina Syed Zakaria & Lee Khai Ern**. 2017. Influence of hierarchy sustainability governance in ecotourism management: case study in Paya Indah Wetlands. *International Journal of Academic Research in Business and Social Sciences* 7(3): 514-527. ISSN 2222-6990.
19. Mohamad Fauzi Mohamad Saruman, **Muhammad Rizal Razman, Sharifah Zarina Syed Zakaria & Lee Khai Ern**. 2017. Influence of network sustainability governance in ecotourism management: case study in Paya Indah Wetlands. *International Journal of Academic Research in Business and Social Sciences* 7(3): 666-677. ISSN 2222-6990.
20. **Mohamad Mahathir bin Amir Sultan, Goh Choo Ta, Peter John Peterson**, Sharifah Ezat binti Wan Puteh & **Mazlin bin Mokhtar**. 2017. Mercury-added products management: challenges in developing countries and lessons learned from medical facility. *Malaysian Journal of Public Health Medicine* 17(1): 59-68. ISSN 1675-0306.

21. Mohammad Zahirul Haque & **Mohammad Imam Hasan Reza**. 2017. Salinity intrusion affecting the ecological integrity of sundarbans mangrove forests, Bangladesh. *International Journal of Conservation Science* 8(1): 131-144. ISSN 2067-533X.
22. Mohd Yasreen Ali, Marlia M. Hanafiah, Md Firoz Khan & **Mohd Talib Latif**. 2017. Quantitative source apportionment and human toxicity of indoor trace metals at university buildings. *Building and Environment* 121: 238-246. ISSN 0360-1323.
23. **Muhammad** Khairil, Emrizal, **Muhammad Rizal Razman**, Zuliskandar Ramli & Kadir Ariffin. 2017. Understanding terrorism based on radicalism idea in order to avoid instability for achieving environmental peace and justice the Sustainable Development Goals (SDGs). *Journal of Food, Agriculture & Environment* 15(!): 48-51. ISSN 1459-0255.
24. **Muhammad** Nur Ali, Emrizal, **Muhammad Rizal Razman**, Zuliskandar Ramli & Kadir Arifin. 2017. Understanding aggressive behavior to avoid damages through the precautionary principle towards the Sustainable Development Goals (SDGs). *Journal of Food, Agriculture & Environment* 15(!): 52-55. ISSN 1459-0255.
25. Nobumitsu Sakai, Shuta Yamamoto, Yasuto Matsui, Md Firoz Khan, **Mohd Talib Latif**, Mustafa Ali Mohd & Minoru Yoneda. 2017. Characterization and source profiling of volatile organic compounds in indoor air of private residences in Selangor State, Malaysia. *Science of the Total Environment* 386(2017): 1279-1286. ISSN 0048-9697.
26. Nor Haidanadia Hasni, **Sharina Abdul Halim**, Mustaffa Omar, Nurasyikin Ghazali. 2017. Food security among Orang Kintak in Pengkalan Hulu, Perak. *International Journal of Academic Research and Social Science* 7(3): 851-866. ISSN 2222-6990.
27. Norbert Simon, Noran Nabilla Nor Azlan, Rodeano Roslee, Azimah Hussein, **Lee Khai Ern** & Kamilia Shahrir. 2017. Physical soil characterization on stable and failed slopes of the Ranau-Tambunan Road, Sabah, Malaysia. *Nature Environment and Pollution Technology* 16(2): 659-665. ISSN 0972-6268.
28. Nur Fadhilah Mazlah, **Ling Ling Tan**, Nurul Huda Abd. Karim, Lee Yook Heng & **Mohammad Imam Hasan Reza**. 2017. Optical biosensing using newly synthesized metal ssalphen complexes: a potential DNA diagnostic tool. *Sensors and Actuators B* 240(2017): 176-188. ISSN 0925-4005.
29. Nurasyikin Ghazali, Mustaffa Omar, **Sharina Abdul Halim** & Nor Haidanadia Hasni. 2017. The influence of value orientation and mindset among orang asli parents regarding education. *International Journal of Academic Research and Social Science* 7(3): 770-780. ISSN 2222-6990.
30. Panbarasi Govindasamy, **Mohd Raihan Taha**, Jamal Alsharef, & Kowstubaa Ramalingam. 2017. Influence of nanolime and curing period on unconfined compressive strength of soil. *Applied and Environmental Soil Science* 2017: 1-9. ISSN 1687-7667.
31. Puteri Nurafidah Hosaini, Md Firoz Khan, Nur Ili Hamizah Mustaffa, Norhaniza Amil, Noorlin Mohamad, Shoffian Amin Jaafar, Mohd Shahrul Mohd Nadzir & **Mohd Talib Latif**. 2017. Concentration and source apportionment of volatile organic compounds (VOCs) in the ambient air of Kuala Lumpur, Malaysia. *Natural Hazards* 85 (2017): 437-452. ISSN 0921-030X.

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33. Rahima Khatun, **Mohamad Imam Hasan Reza**, M. Moniruzzaan & Zahira Yaakob. 2017. Sustainable oil palm industry: the possibilities. *Renewable and Sustainable Energy Reviews* 76: 608-619. ISSN 1364-0321.
34. Rahyunir Rauf, Nurman, **Sharifah Zarina Syed Zakaria** & **Muhammad Rizal Razman**. 2017. Strategic issues on primary students' knowledge towards sustainability of human habitat and environment. *Journal of Food, Agriculture & Environment* 15(!): 61-63. ISSN 1459-0255.
35. Rozita Hod, Humadevi Sivasamy, Sharifa Ezat Wan Puteh, Azmawati Mohammed Nawawi, Idayu Badilla Idris, Izzah Syazwani Ahmad, **Chamhuri Siwar** & **Mohd Raihan Taha**. 2017. Community Empowerment and the Associated Factors among the 2014 Flood Victims in Pahang. *Universal Journal of Public Health* 5(3): 119-126. ISSN 2331-8945.
36. Suhaily Amran, **Mohd Talib Latif**, Md. Firoz Khan, Eric Goh, Abdul Mutalib Leman & Shoffian Amin Jaafar. 2017. Underestimation of respirable crystalline silica (RCS) compliance status among the granite crusher operators in Malaysian quarries. *Air Quality Atmosphere and Health* 10(3): 371-379. ISSN 1873-9326.
37. Zainab Roslan, Zuliskandar Ramli, Mohd Syukri Yeoh Abdullah, Er Ah Choy & **Muhammad Rizal Razman**. 2017. Community valuation through their willingness to pay for heritage tourism and sustainable development in Jugra Selangor, Malaysia. *Journal of Food, Agriculture & Environment* 15(2): 116-120. ISSN 1459-0263.
38. Zainab Roslan, Zuliskandar Ramli, Chong Shin, Er Ah Choy & **Muhammad Rizal Razman**. 2017. Local community perception on the importance of cultural-natural heritage protection and conservation: Case study in Jugra, Kuala Langat, Selangor, Malaysia. *Journal of Food, Agriculture & Environment* 15(2): 107-110. ISSN 1459-0263.
39. Zainah Othman, **Ahmad Fariz Mohamed**, Abdul Samad Hadi & Shaharudin Idrus. 2017. Forest management for eco-tourism: understanding the community perspective of co-management. *International Journal of the Malay and Civilization* 5(Special Issue 3): 75-79. ISSN 2289-1706.
40. Zitty Sarah Ismail, Kadir Arifin, Kadaruddin Aiyub, **Muhammad Rizal Razman**, Norfadillah Derahim & Nurul Nabihah Abbas. 2017. Assessing of safety culture in the research university in Malaysia. *Journal of Food, Agriculture & Environment* 15(2): 102-106. ISSN 1459-0263.

#### **Prosiding Terindeks**

1. Goh Thian Lai, Ailie Sofyiana Serasa, Abdul Ghani RAFek, Askury Abdul Kadir, Noriani Surip, Norbert Simon, Azimah Hussin & **Lee Khai Ern**. 2017. Triaxial compression test characteristics of limestone from Gunung Lang, Malaysia. *ICIPEG 2016 Proceedings of the International Conference on Integrated Petroleum Engineering and Geosciences*, hlm. 431-439.

### Prosiding

1. Ailie Sofyiana Serasa, Goh Thian Lai, Abdul Ghani Rafek, Norbert Simon, Azimah Hussein, **Lee Khai Ern**, Noraini Surip & Tuan Rusli Mohamed. Development of empirical correlation of peak friction angle with surface roughness of discontinuities using Tilt Test. *The 2016 UKM FST Postgraduate Colloquium, AIP Conference Proceeding*, hlm. 1-7.
2. I Rusydy, D. V. Faustino-Eslava, U. Muksin, R. Gallardo-Zafra, J.J.C. Aguirre, N.C. Bantayan, **Lubna Alam** & S. Dakey. 2017. Building vulnerability and human loss assessment in different earthquake intensity and time: a case study of the University of the Philippines, Los Banos (UPLB) Campus. *IOP Conference Series: Earth and Environmental Science* 56(2017), hlm. 1-13.
3. Mohd Hafiyyan Mahmud & **Khai Ern Lee**. 2017. Assessing the feasibility of phytoremediation for Alur Ilmu stormwater, UKM, Bangi, Malaysia. *International Conference Proceedings on Environmental Conservation, Clean Water, Air & Soil (CleanWAS)*, hlm. 351-356.

### Penerbitan Popular

1. **Ibrahim Komoo**. 2017. Antara pensyarah universiti, ahli akademik. *Berita Harian, 7 Mac 2017*, hlm. 10.
2. **Ibrahim Komoo**. 2017. Guna indeks kelestarian negara maju. *Berita Harian, 16 Mac 2017*, hlm. 10.
3. **Ibrahim Komoo**. 2017. Kena prihatin proses, fenomena bencana banjir *Berita Harian, 9 Januari 2017*, hlm. 10.
4. **Ibrahim Komoo**. 2017. Pulau baki jaga ekosistem, warisan negara. *Berita Harian, 2 Februari 2017*, hlm. 10.
5. **Ibrahim Komoo**. 2017. Sains kelestarian penyelamat masa depan bumi. *Berita Harian, 23 Januari 2017*, hlm. 10.
6. **Ibrahim Komoo**. 2017. TN50 perkukuh jati diri bangsa Malaysia. *Berita Harian, 9 Februari 2017*, hlm. 10.
7. **Ibrahim Komoo**. 2017. Usah mudarat masa depan anak cucu kita. *Berita Harian, 4 Mac 2017*, hlm. 10.
8. **Sarah Aziz** & Siti Zuhaili Hasan. Tasik Putrajaya: sebagai pemulihara kesihatan ekosistem Lembangan Sungai Langat. *Impak Jendela Negeri @ UKM, Januari 2017*, hlm. 63. ISSN 2289-9332.

### Lain-lain Penerbitan

#### Kertas Seminar/ Persidangan

1. Ir. Bibi Zarina Che Omar, **Mohd Khairul Zain Ismail** & **Joy Jacqueline Pereira**. 2017. Science technology plan or disaster risk reduction: Asian and Pacific perspectives. *2<sup>nd</sup> Workshop to Strengthen Scientific Advisory Capacities for Disaster Risk Reduction, 16-17 Januari 2017, Taipei, Taiwan*.