

List of Journal Articles Published by Academic Staff in 2018-2021

NO	AUTHORS, YEAR, TITLE, PUBLISHER/JOURNAL/CONFERENCE, VOLUME AND NUMBER OF PAGES
1.	Umi Nadiyah Nor Ali, & Norazman Mohamad Nor. "Performance and Life Cycle (LCCA) for Heat Resistant Wall". UPNM Press, Kuala Lumpur. 2018. (ISBN: 978-967-5985-78-2)
2.	Norhasliya Mohd Daud, Norazman Mohamad Nor, Mohammed Alias Yusof, Muhamad Azani Yahya, & Vikneswaran Munikanan. (2018) Axial and Flexural Load Test on Untreated Bamboocrete Multi-Purpose Panel. Int. Journal of Integrated Engineering, 10(2), 28-31.
3.	Mohammed Alias Yusof, Norazman Mohamad Nor, Muhamad Azani Yahya, Vikneswaran Munikanan, & Ariffin Ismail. (2019) Prediction of Air Blast Pressure for Military and Commercial Explosive using ANSYS AUTODYN. Defence S&T Technical Buletin, 2, 301-310.
4.	Mohammed Alias Yusof, Norazman Mohamad Nor, Muhammad Azani, Arifin Ismail , Vinesvaran Munikan. Simulation of explosive storage building subjected to explosion . International Journal of Engineering & Technology 7 (4.33) (2018) 294- 298.
5.	Mohammed Alias Yusof, Norazman Mohammad Nor, Muhamad Azani Yahya, Vikneswaran Munikan & Arifin Ismail. Development of Emulsion Explosive using Palm Olein for Blasting Works. International Conference on Applied Science Engineering Technology and Management, Malaysia, 16-17 October, 2019
6.	Mohd Asri Md Nor, Nabihah Mohd Nazir Shahrul Sahusi Zuliziana Suif, Performance of Prefabricated Sewage Treatment Plants at a Military Academy, Int. J. of Engineering & Technology, 2018, Vol. 7 no. 433 pp468-471
7.	Vikneswaran Munikanan, Aye Aye Mon, Florence Lim Jing En, Mohd Asri Md Nor et. al. Alternative Water Resources in UPNM, Int. J. of Recent Technology and Engrg, 2019, Vol.7, no.5, pp 552-557.
8.	A Ibrahim, M Mukhlisin (2020). Effect of Soil Hydraulic Properties on Infiltration of Rainwater into Unsaturated Soil.Lecture Notes in Civil Engineering (59).
9.	ZA Hassan, A Ibrahim, NM Nor.(2019).Feasibility of a small-scale test apparatus in measuring blast intensity of shallow buried charge detonation in in-situ soil.Sci. Tech. Energetic Materials 80 (6), 229.
10.	Faridah Hanim Khairuddin, Nur Izzi Md Yusoff, Khariah Badri, Suhana Koting, Choy Peng Ng, Noor Aina Misnon and Siti Khadijah Che Osmi. (2020). Design and Optimization of Polyurethane Modified Bitumen Using Response Surface Method. IOP Conf. Series: Earth and Environmental Science 476 (2020) 012061.
11.	Faridah Hanim Khairuddin, Mohab Yaser Alamawi, Nur Izzi Md. Yusoff, Khairiah Haji Badri, Halil Ceylan, Siti Nooraya Mohd Tawil. (2019). Physicochemical and thermal analyses of polyurethane modified bitumen incorporated with Cecabase and Rediset:Optimization using response surface methodology. Fuel, Vol. 254.
12.	Faridah Hanim Khairuddin, Mohab Yaser Alamawi, Nur Izzi Md Yusof, Khairiah Badri, Halil Ceylan, and Siti Nooraya Mohd Tawil. (2019). Thermal, Chemical and Imaging Analysis of Polyurethane / Cecabase Modified Bitumen. IOP Conference Series: Material Science & Engineering 512(2019) 012032.
13.	Siti Khadijah Che Osmi, Anas Rosdi, Hapsa Husen, Suriyadi Sujipto, Noor Aina Misnon, Faridah Hanim Khairuddin. (2020). Numerical Simulation and Full-scale Field Testing of Steel Parapet Railing Under Impact of Heavy Vehicle Truck Loads –

	Comparative Study. IOP Conf. Series: Earth and Environmental Science 476 (2020) 012056.
14.	Siti Khadijah Che Osmi, Vikneswaran Munikanan, Hapsa Husen, Zuliziana Suif, Maidiana Othman, Nordila Ahmad and Nur Amira Syuhaida Rizal (2019). Characteristics of Photo-luminescent (PL) Powder Applied with Polyester Resin as Glow-In-The-Dark Emergency Signage. ZULFAQAR International Journal of Defence Science, Engineering & Technology
15.	Jestin Jelani, Nur Amirah Adnan, Hapsa Husen, Mohd Nazrin Mohd Daud (2019). The Effect of Ground Water Level Fluctuation on The Slope Stability by Using SlopeW. Zulfaqar Journal Defence Science Engineering Technology
16.	Jestin J., Mohamad Saiful Adli Hah and Hapsa Husen (2018). Stability Analysis of Man-made Slope : A case study at UPNM Campus, Sg Besi. International Journal of Engineering Technology. Vol 7. 4.33. 392-392
17.	M. Othman, Syawal, M. I., N. A. Samsudin, Z. Suif, N. Ahmad, V. Munikanan, M. A. Md Nor, M.A. Yahya (2018). Pilot-scale of constructed wetland for treating stormwater in university campus. International Journal of Engineering and Technology, Vol. 7, No 4.33 (2018): Special Issue 33. Pp. 460-462. DOI: 10.14419/ijet.v7i4.33.26104
18.	Ng, C.P., Law, T.H., Jakarni, F.M., Kulanthayan, S., 2018. Relative improvements in road mobility as compared to improvements in road accessibility and urban growth: a panel data analysis. Transportation Research Part A, 117, 292-301. https://www.sciencedirect.com/science/article/pii/S0965856417312740 . Impact Factor 3.026
19.	Azman, M.N.A., Ng, C.P., Khairuddin, F.H., Ismail, N., Sabri, W.M.S.W., 2019. Development of a Composite Pavement Performance Index to Monitor the Oavement Condition in UPNM. Available online at ZULFAQAR International Defence Science, Engineering & Technology on 16 December 2019.
20.	Aina Noor Misnon, Dmytro Dizhur, John Mackenzie, Shannon Abeling and Jason Ingham. 2018. Multi-disciplinary post-earthquake critique of masonry substation retrofits. Earthquake Spectra, 34(3): 1363-1382 (H index: 69)
21.	N A Misnon, M Giaretton, D Shedde, J Ingham and D Dizhur. 2020. Shear testing of URM wallettes retrofitted with NSM steel wire rope. Structures 27 (2020) pp 1613 – 1622. DOI: https://doi.org/10.1016/j.istruc.2020.07.059 .
22.	Nordila Ahmad, Bruce W. Melville, Thamer Mohammad, Zuliziana Suif (2018). EVALUATION OF PIER-SCOUR PREDICTIONS FOR WIDE PIERS USING FIELD DATA. International Journal of GEOMATE, Vol 14 Issue 42, pp. 140-145.
23.	Zuliziana Suif, Chihiro Yoshimura, Nordila Ahmad and Sengheng Hul (2018). DISTRIBUTED MODEL OF HYDROLOGICAL AND SEDIMENT TRANSPORT PROCESS IN MEKONG RIVER BASIN. International Journal of GEOMATE, Vol 14 Issue 42, pp. 134-139.
24.	Siti Khadijah Che Osmi, Vikneswaran Munikanan, Hapsa Husen, Zuliziana Suif, Maidiana Othman, Nordila Ahmad and Nur Amira Syuhaida Rizal (2019). Characteristics of Photo-luminescent (PL) Powder Applied with Polyester Resin as Glow-In-The-Dark Emergency Signage. ZULFAQAR International Journal of Defence Science, Engineering & Technology.
25.	Nur 'Izzati Mohmad Ismail, Mohd Rashdan Saad, Muhammad Taufiq Jumahadi, Azam Che Idris, Mohd Rosdzimin Abdul Rahman & Suriyadi Sujipto (2018) "The aerodynamics study of skyscrapers in Kuala Lumpur: The effect on occupants and pedestrians comfort", Zulfaqar Int. J. Def. Sci. Eng. Tech. Vol.1 (1)(2018) pp1-12.

26.	Vikneswaran Munikanan, Muhamad Azani Yahya, Mohammed Alias Yusof and Muhammad Haris Fauzan Radzi (2018). Fine Granular of Shredded Waste Tyre for Road Kerb Application as Improvised Road Furniture. AIP Conf. Proc. 1930, 020061-1–020061-5; https://doi.org/10.1063/1.5022955
27.	M. Vikneswaran, Norizan Abdul Majid and Zuhairree Ariffin Assan (2018). Preparations to Terrorist Chemical Weapons Threats: From Malaysian Perspective. <i>Advances in Natural and Applied Sciences</i> , vol. 12, no. 7. American-Eurasian Network for Scientific Information. <i>Gale Academic OneFile</i> .
28.	Maidiana, O., Md Firdaus, M. F., Zuliziana, S., Nordila, A. (2018). Recycling waste practice at Faculty of Engineering Universiti Pertahanan Nasional Malaysia. <i>International Journal of Engineering & Technology</i> , 7, 398-400.
29.	Nordila, A., Ahmad Naquiuddin, A., Zuliziana, S., Maidiana, O. (2018). Preliminary experimental study on effectiveness of aquatic vegetation on sediment transport capacity. <i>International Journal of Engineering & Technology</i> , 7, 395-397.
30.	Z.A. Hassan, A. Ibrahim and N. M. Nor (2019). ' <i>Effect of Crater's Shape and Profile on Blast Wave Transfer of Shallow Buried Charge Detonation</i> '. 32nd International Symposium on Shock Waves (ISSW32), 14 – 19 July 2019. SINGAPORE.
31.	Z.A. Hassan, A. Ibrahim and N. M. Nor (2018). 'Optical observations on detonation of shallow buried charge in sandy soil.' <i>Proceedings of the 4th International Conference on Defence and Security Technology (DSTC)</i> , 21-22 November 2018, Putrajaya, MALAYSIA
32.	Ahmad N., Suif Z., Othman M. (2020) Characterization of Erosion of the Sand Bed Near Wide Piers. In: Jeon HY. (eds) Sustainable Development of Water and Environment. ICSDWE 2020. Environmental Science and Engineering. Springer, Cham. https://doi.org/10.1007/978-3-030-45263-6_15
33.	A Nordila, K. Y. Syafiq, S Zuliziana and O. Maidiana (2020). Effect of Submerged Artificial Vegetation on Flow and Trapping Sediment. <i>IOP Conference Series: Earth and Environmental Science</i> , 498 (2020) 012056 IOP Publishing, doi:10.1088/1755-1315/498/1/012056
34.	Nurul Aqilah Awazhar, Faridah Hanim Khairuddin, Suzielah Rahmad, Syazwani Mohd Fadzil, Hend Ali Omar, Nur Izzi Md. Yusoff , Khairiah Haji Badri. (2020). Engineering and leaching properties of asphalt binders modified with polyurethane and Cecabase additives for warm-mix asphalt application. <i>Construction and Building Materials</i> , Vol. 238.
35.	Yahya, M.A., Shahrudin, A.S., Yusof, M.A. & Munikanan, V. (2020), Composite Cement Mortar Mix Using GGBS for Wall Finishing, Chapter in Book, <i>Polymer Science and Engineering</i> , TransTech Publication, pp: 205-210
36.	Yahya, M.A., Sulaiman, A., Yusof, M.A. , Jaafar, A. & Munikanan, V. (2020), Perception of Security Protection Using Grill for Building, <i>Journal of Social Science and Engineering</i> , Vol (2), No. 2, pp: 1-8
37.	Aina Noor Misnon, Shannon Abeling, John Hare, Devina Shedde, Reza Jafarzadeh, Jason Ingham, Dmytro Dizhur. 2021. Seismic performance of a retrofitted heritage unreinforced masonry building during the 2010/2011 Canterbury earthquakes. <i>Earthquake Spectra</i> . February 2021. (Q1; IF: 1.930)