

**Malaysian Journal of
Medicine and Health Sciences
Vol. 19 SUPP10, September 2023**

Contents

ORIGINAL ARTICLES

Assessment of the Inhalable Particulate Matter (PM _{2.5} and PM ₁₀) at Petrol Stations in Johor, Malaysia <i>Md Faizul Abd Razak, Ahmad Filza Ismail, Nurul Ainun Hamzah</i>	1
Knowledge and Attitude on Environmental Disasters Through Social Media Among University Students in Selected Universities in Selangor, Malaysia <i>Sarah Aina Sazali, Haliza Abdul Rahman, Azrin Shah Abu Bakar</i>	9
Exploring Urban Residents' Understanding, Attitudes and Behaviors Towards Disaster Waste Management: A Survey-based Study <i>Sharifah Norkhadijah Syed Ismail, Nurul'izzah Mohd Nasir, Emilia Zainal Abidin, Josfirin Anak Rangga</i>	19
Predictive Model for Heat Stress-related Symptoms Among Steel Mill Workers in East Java, Indonesia <i>Imam Munajat Nurhartonosuro, Shamsul Bahri Md Tamrin, Dayana Hazwani Mohd Suadi Nata, Karmegam Karuppiah, Ng Yee Guan, Gede Pramudya Ananta</i>	32
Fear of COVID-19 and Associated Factors Among Nursing Students Back to Clinical Training: A Cross-sectional Study <i>Nor Suriani Husni Saleh, Soon Lean Keng, Azlina Yusuf</i>	43
Exploring Perceptions of Hand Hygiene Compliance Among Neonatal and Pediatric Care Unit Nurses in Nigeria: A Qualitative Study <i>Oko Constance Chioma, Fahisham Taib, Azlina Yusuf</i>	50
The Role of Knowledge and Attitude on Waste Recycling Practices During the Post-pandemic Covid-19 Period Among Selected Communities in Selangor <i>Sharifah Norkhadijah Syed Ismail, 'Aliah Abdul Rahman Law, Irniza Rasdi, Aida Soraya Shamsuddin</i>	58
Knowledge, Attitudes and Perceptions of Malaysian University Students Regarding COVID-19 Vaccination: An Online Cross-Sectional Survey <i>Siti Nurhazlinda Suradi, Neni Widiasmoro Selamat, Tengku Idznan Nadzirah Tengku-Idris</i>	73
Spatial and Temporal Analysis of Covid-19 in Sibu, Sarawak <i>Dora Jeta, Alia Azmi</i>	85
Preliminary Screening of <i>Bla</i> _{NDM-1} Gene of Carbapenem-resistant <i>Klebsiella pneumoniae</i> in Clinical Samples of Patients at a Teaching Hospital <i>Abdulmalik Yakubu, Siti Marwanis Anua, Siti Suraiya and Nurzafirah Mazlan</i>	92
Knowledge and Practice on the No Plastic Bag Campaign Among Undergraduate Students in Universiti Putra Malaysia (UPM) <i>Erny Nazlina Abdullah, Haliza Abdul Rahman and Izzah Nadhirah Mohamed Zain</i>	98
Mineralogical Composition of Iron Ore Mining Waste and Associated Risk Assessment <i>Muhammad Hameer Soomro, Faradiella Mohd Kusin, Umi Rukiah Abdullah</i>	109
Unveiling Youth's Perceptions and Behaviors Towards Plastic Usage and Management Amidst the COVID-19 Pandemic: A Knowledge, Attitudes, and Practices (KAP) Study <i>Sharifah Norkhadijah Syed Ismail, Lee Yi Jia, Nor Eliani Ezani, Aida Soraya Shamsuddin, Nurulain Mustafa Udin, Josfirin Uding Rangga</i>	116
Assessing the Impact of COVID-19 on Solid Waste Generation and Environmental Health Footprint: A Case Study <i>Sharifah Norkhadijah Syed Ismail, Nurul Azwa Muhamad Tamrin, Emilia Zainal Abidin, Irniza Rasdi, Aida Soraya Shamsuddin, Nurulain Mustafa Udin</i>	127

Temporal Variation and Spatial Cluster of Dengue in Seremban, Malaysia: A Retrospective Study From 2017 to 2021 <i>Amir Zakuwan Mohammad Foad, Nazri Che Dom, Rahmat Dapari</i>	137
Evaluating the Impact of a Preliminary Module-Based Intervention Programme to Increase Dengue Awareness among Kindergarten Children <i>Neevaarthana Subramaniam, Siti Marwanis Anua, Wan Mohd Zahiruddin Wan Mohd, Azizah Othman and Nor Fazila Che Mat</i>	145
Urban Metabolism Assessment in Malaysian Urbanised Cities <i>Nurhidayah Nor Akmal, Izyan Munirah Abdul Rahim, Cynthia Paul, Nazatul Hany Nordin, Farah Ayuni Shafie</i>	154
Return to Work (RTW) Challenges and Mental Health Issues Among Unemployed Persons in Selangor <i>Aidil Wajdi R, Irniza R, Sharifah Norkhadijah SI, Emilia ZA</i>	161
The Effect of COVID-19 Vaccination and Application of Health Belief Model on Health Protocol Compliance Among Elderly in Urban Area <i>Ajeng Tias Endarti, Inggit Meliana Anggarini and Siti Marwanis Anua</i>	169
A Structural Equation Modeling of Associated Factors on Job Stress Among Primary School Teachers in Kota Bharu, Kelantan <i>Nur Syahmina Rasudin, Noraini Abdul Ghafar, Wan Amir Nizam Wan Ahmad, Rohani Ismail, Azlina Yusuf</i>	178
Understanding the Level of Awareness and Knowledge of Fire Safety Among Kindergarten Teachers in Perak, Malaysia <i>Muhammad Syabil Syauqi Ishak, Nurul Izzah Abdul Samad, Nurul Ainun Hamzah, Mohd Nasrom Mohd Nawil, Jamilah Shaari</i>	183
Exploring Husband Support and Attitude as a Birth Partner During Childbirth at Kuala Terengganu, Terengganu, Malaysia <i>Zainab Mohd Shafie, Rohani Ismail, David Joseph Pereira</i>	194
Preliminary Evaluation of the Larvicidal Effectiveness of <i>Ananas comosus</i> Flesh Extracts on <i>Aedes albopictus</i> <i>Farah Fazleena Ramlee, Nazri Che Dom, Azlin Sham Rambely, Norhisham Haron, Mohamed Emida, and Siti Nazrina Camalxaman</i>	201
Assessing the Effect of Rainfall on COVID-19 Transmission in Selangor, Malaysia <i>Megat Azman Megat Mokhtar, Nazri Che Dom, Mohd Iqbal Mohd Nor, Samsuri Abdullah, Nopadol Precha</i>	206
SYSTEMATIC REVIEW	
The Innovation of a Web-Based Prayer Assistant for Hospitalised Muslim Patients: A Systematic Literature Review <i>Wan Mohd Awis Qarny Othman, Mujahid Bakar, Nor Azwany Yaacob, Nur Syahmina Rasudin</i>	214
Application of Eggshell Membrane as an Adsorbent for Pollutants Removal; A Systematic Review <i>Nurul Syazwani binti Abdul Tahrim, Siti Khalijah Mahmud Rozi, Siti Rohana Mohd Yatim, Razi Ikhwan Md Rashid, Norhisham Haron, Ahmad Razali Ishak</i>	221
Induction of Hypercholesterolemia in Rodents Based on Different Dietary Requirements: A Systematic Review <i>Azmina Hassan, Zuraidah Abdullah, Sabreena Safuan</i>	232
REVIEW ARTICLES	
A Comparative Analysis of Auxiliary Enforcement Bodies for Security, Safety and Health Officer Roles in Malaysia – A Narrative Review <i>Hassan Ismail, Emilia Zainal Abidin, Irniza Rasdi, Kulanthayan K.C. Mani@Subramaniam, Phaik Kin Cheah</i>	239
COMMENTARY	
Landslide at Father's Organic Farm: DVI and the Health Indicators During Monsoons <i>Hashom Mohd Hakim, Siti Norsakinah Selamat, Nuriah Abd Majid, Nur Syahmina Rasudin, Mahaya Abdul Rahman, Siti Afifah Ismail, Hisham Atan Edinur</i>	250