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POSTER SESSIONS

CODE	TITLE
PEC01	ELECTROCHEMICAL TREATMENT OF AQUEOUS C. I. REACTIVE BLUE 21 AND SYNTHETIC TEXTILE EFFLUENT USING METAL/GRAPHITE-POLYVINYL CHLORIDE COMPOSITE ELECTRODE <i>Norazzizi Nordin, Mohamad Anis Farith Pisal, Nur Izzatie Hannah Razman, Mohd Lokman Ibrahim</i>
PEC02	A REVIEW ON THE ACCUMULATION OF HEAVY METALS IN COASTAL SEDIMENT OF PENINSULAR MALAYSIA <i>Kamaruzzaman, B.Y., Zuraidah, M.A, Akbar John, B.</i>
PEC03	REMOVAL OF Cu AND Pb FROM AQUEOUS SOLUTION USING CORN LEAVES (<i>Zea Mays</i>) AS ADSORBENT <i>Rosliza Mohd Salim, Siti Hajar Abu Bakar</i>
PEC04	SEDIMENT QUALITY ASSESSMENTS IN RELATION TO SOCIO-ECONOMIC DEVELOPMENT IN KAMPUNG TEKEK, TIOMAN ISLAND, PAHANG DURING SURVEY IN AUGUST 2015 <i>Asnor Azrin Sabuti, Mohd Fuad Miskon, Nik Hani Shahira Nik Shirajuddin, Nur Sakinah Abdul Razak, Zaleha Kassim</i>
PEC05	SEASONAL INFLUENCES ON THE LEVELS OF PARTICULATE METALS IN KUANTAN RIVER, EAST COAST MALAYSIA USING PRINCIPAL COMPONENT ANALYSIS <i>Fikriah Faudzi, Kamaruzzaman Yunus, Mohd Fuad Miskon, Asnor Azrin Sabuti, Azman Azid</i>
PEC06	DEGRADATION OF METHYL ORANGE BY USING SILVER PHOSPHATE/TITANIUM DIOXIDE PHOTOCATALYST <i>Noor Izznin Najiah Lansir, Nur Amalina Abdul Aziz, Abdul Halim Abdullah</i>
PEC07	PENENTUAN KEPEKATAN LOGAM BERAT DALAM SEDIMEN DI MUARA SUNGAI KEMAMAN, TERENGGANU <i>Samsuddin, A.A., Suratman, S., Shazili, N.A.M, Nor Antonina, A., Mohammed Faizal, A.R</i>
PEC08	REMOVAL OF CRUDE OIL FROM AQUEOUS SOLUTION BY BIVALVE SHELL AS LOW-COST ADSORBENT <i>Muhammad Farhan Hanafi, Muhammad Haikal Rosli, Norzahir Sapawe</i>
PEC09	WATER QUALITY AND ANTROPHOGENIC POLLUTANTS DETERMINATION IN SUNGAI BERTAM, CAMERON HIGHLANDS, PAHANG. <i>Khairiatul Mardiana Jansar, Ismail Sahid, Siti Nur Ain Suhaimi, Muhamad Safwan Ishak</i>
PFB01	ULTRASOUND ASSISTED DISPERSIVE LIQUID-LIQUID MICRO EXTRACTION (USADLLME) FOR THE DETERMINATION OF BIOGENIC AMINES IN FOODS <i>Mardiana Saaid, Solehatun Mhd Bani</i>
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PMC01	TERNARY PHASE BEHAVIOUR OF WATER/GLYCOLIPID/OIL SYSTEM <i>Nurul Shahidah M Shahripoddin, Noraini Ahmad, Norazlinaliza Salim</i>
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SEDIMENT QUALITY ASSESSMENTS IN RELATION TO SOCIO-ECONOMIC DEVELOPMENT IN KAMPUNG TEKEK, TIOMAN ISLAND, PAHANG DURING SURVEY IN AUGUST 2015

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Abstract

The study to identify the sediment quality changes affected by the increasing human activities along the coastal environment in Kampung Tekek, Tioman Island has been conducted in August 2015. In total, 15 surface sediment samples were collected from three transects in the bay of Kampung Tekek to be analyzed with particle size analyzer (PSA) and loss on ignition (LOI) methods. The results demonstrates good relationship between grain size classification, sediment sorting, skewness and kurtosis which shows differences between the coarser grain and poorly sorted zone up to the finest grain and best sorted zone. However, the highest percentages of sediment composition were recorded to be sand content (23 to 64%) with a mean of 48%, followed with silt content (29 to 68%) with a mean of 43%. The total organic matter (TOM) were ranged from 4.88 to 14.15% with a mean value of 7.61%. This sediment texture contains mostly fine and medium silts could expose potent threat to the coral reefs in the bay of Kampung Tekek due to sedimentation and higher partitioning of contaminants in sediment.