

International Journal of Environmental Science and Development

CONTENTS

Volume 4, Number 4, August 2013

- The Recovery of Oil from Oil/Sand Slurries in a Laboratory-Scale Flotation Cell.....351
E. V. Lau, K. L. Foo, and P. E. Poh
- The Use of Epidemiological Studies for Health Risk Assessment.....355
Kevin Fong-Rey Liu, Wei-Ru Chen, Yu-Chen Yeh, Li-Wen Chang, and Yung-Shuen Shen
- Genetically Engineered Bacteria Immobilized in Alginate as an Option of Cyanotoxins Removal.....360
Dariusz Dziga, Magdalena Sworzen, Benedykt Wladyka, and Marcin Wasylewski
- The Mediterranean Eco-Industrial Development Model.....365
A. Dominici Loprieno, M. Tarantini, R. Preka, and M. Litido
- Potential of Using Kitchen Waste in a Biogas Plant.....370
A. Apte, V. Cheernam, M. Kamat, S. Kamat, P. Kashikar, and H. Jeswani
- PFI System for Retrofitting Small 4-Stroke Gasoline Engines.....375
Mohd Faisal Hushim, Ahmad Jais Alimin, Hazlina Selamat, and Mohd Taufiq Muslim
- Smart Runways-Use of Residual Vibration Energy from Air Wake to Produce Electricity..... 379
Mohit Agarwal and Jafar Ali
- Study on Dynamic of Ultrafiltration Membrane Materials Preparing and Used in Drinking Water Treatment.....383
Aiyin Chen, Qian Fan, and Qing Tian
- Mathematical Model for Detection of Leakage in Domestic Water Supply Systems by Reading Consumption from an Analogue Water Meter.386
Gal Oren and Nerya Y. Stroh
- Changes in Sea Surface Temperature and Precipitation Rate during Typhoons in the South China Sea.....390
Tahereh Haghroosta and Wan Ruslan Ismail
- Residual Concentration of PAHs in Seafood from Hormozgan Province, Iran: Human Health Risk Assessment for Urban Population.....393
Seyedeh Laili Mohebbi Nozar, Wan Ruslan Ismail, and Mohamad Pauzi Zakaria
- Airborne Particulate Matter and Meteorological Interactions during the Haze Period in Malaysia.....398
Carolyn Payus, Noraini Abdullah, and Norela Sulaiman
- Study the Effect of Imposing Surfactants toward the Evaporation of Low Molecular Weight Alcohol.....403
Mohammad Hafiz Hamzah, Sharifuddin Mohd Zain, Rashid Atta Khan, Khalisanni Khalid
- Effect of Tangerine Oil against *Aspergillus niger* Identified from Raw and Boron Treated Rubberwood.....408

Sopa Jantamas, Narumol Matan, and Nirundorn Matan

Efficacy of Edible Film Incorporated with Essential Oils against White-rot Decay Fungus (<i>Trametes versicolor</i>).....	412
<i>Saifon Phothisuwan, Narumol Matan, and Nirundorn Matan</i>	
The Enhanced Carbamate Adsorption of Modified Bentonite with <i>Coscinium fenestratum</i>	415
<i>S. Tha-in, H. A. Dau, and K. Dumri</i>	
Using Bayesian Belief Networks and Fuzzy Logic to Evaluate Aquatic Ecological Risk.....	419
<i>Kevin Fong-Rey Liu, Ken Yeh, Cheng-Wu Chen, Han-Hsi Liang, and Yung-Shuen Shen</i>	
The Performance Test on Local Exhaust Ventilation (LEV) System to Prevent Chlorine Gas Leakage in Water Treatment Plant.....	425
<i>Nor Halim Hasan, M. R. Said, A. M. Leman and Anuar Mohd Mokhtar</i>	
Strategies to Reduce Nitrate Leaching under Furrow Irrigation.....	431
<i>A. A. Siyal and A. G. Siyal</i>	
Effect of Organic Waste Source on Methane Production during Thermophilic Digestion Process.....	435
<i>Rafik M. Hesnawi and Ruqua A. Mohamed</i>	
Concept for Eritrea's Sustainable Economic Development Red Sea, the Natural Dam of Eritrea.....	438
<i>Hossana Solomon</i>	
The Risk Assessment for the Healthcare Waste in the Hospital of Batna City, Algeria.....	442
<i>L. Sefouhi, M. Kalla, L. Bahmed, and L. Aouragh</i>	