

International Journal of Environmental Science and Development

CONTENTS

Volume 3, Number 6, December 2012

- Community Participation in Water Resources Management in South Africa.....511
Maxwell K. Boakye and Oghenerobor B. Akpor
- Contamination of Zinc in Sediments at River Mouths and Channel in Northern Kaohsiung Harbor, Taiwan...517
Cheng-Di Dong, Chih-Feng Chen, and Chiu-Wen Chen
- Experimental Study of the Performance of Porous Materials to Enhance the Soil Cooling in Hot and Humid Regions.....522
Keng Wai Chan and Kuok Soon Chan
- Study on the Vulnerability of Agricultural Productivity to Climate Change in Mahabubnagar District, Andhra Pradesh.....528
Valli Manickam, K.Shanti Sree, and Iyyanki V. Murali Krishna
- Activated Sludge Growth under LED Illumination.....533
Mahmudul Kabir, Ryutaro Miura, Masafumi Suzuki, and Noboru Yoshimura
- The Ambient Particular Matter Pollution Situation and its Health Effect in China.....539
Baoqing Wang, Deqing Wang, Shuai Yin, and Shu Yao
- Effect of Oils Categories on the Distribution of Polycyclic Aromatic Hydrocarbons and Derivatives in the Environment.....543
Pranudda Pimsee, Caroline Sablayrolles, Mireille Montrejaud-Vignoles, Julien Guyomarch, Nicolas Lesage, and Pascale De Caro
- Assessing Struvite Formation Potential at Wastewater Treatment Plants.....548
Kazi P. Fattah
- Preliminary Design of Eco-City by Using Industrial Symbiosis and Waste Co-Processing Based on MFA, LCA, and MFCA of Cement Industry in Indonesia.....553
Nova Ulhasanah and Naohiro Goto
- Preliminary Assessment of Economic Feasibility for Establishing a Households' E-Waste Treating Facility in Serang, Indonesia.....562
Pertiwi Andarani and Naohiro Goto
- Imaging Subsurface Characterization at Bukit Bunuh Using 2D Resistivity Method: The Effectiveness of Enhancing Horizontal Resolution (EHR) Technique.....569
Muztaza M. Nordiana, S. Rosli, Saidin M. Mokhtar, Nordin M. M. Nawawi, and Ismail N. Azwin
- 3D GPR Mapping for Excavation Plan in Jeniang, Kedah, Malaysia.....574
Norhidayahti Mohd. Muztaza, M. Mokhtar Saidin, I. N. Azwin, and S. Rosli

A Study of Water Table and Subsurface Using 3-Dimensional Ground Penetrating Radar.....	579
<i>Ismail N. Azwin, S. Rosli, Muztaza M. Nordiana, and A. H. A. Teh Saufia</i>	
Adsorption Removal of Lead Ions by Acacia Tortilis Leaves: Equilibrium, Kinetics and Thermodynamics...	584
<i>M. A. Ackacha and L. A. Elsharif</i>	
Effect of Colored Plastic Mulches on Yield of Tomato and Weed Biomass.....	590
<i>Hamid Reza Rajablariani, Farzad Hassankhan, and Ramin Rafezi</i>	