

International Journal of Environmental Science and Development

CONTENTS

Volume 7, Number 9, September 2016

• Renewable Energy

- Study on the Bid Decision System of Renewable Energy for Buildings Based on FAHP and Intuitionistic Fuzzy Set TOPSIS Method.....634
Yunna Wu, Zhen Wang, and Shuai Geng

- Optimized Photovoltaic Power Generator Using Artificial Neural Network Implementation for Maximum Power Point Tracking642
N. Ghedhab and F. Youcefettoumi

- Anaerobic Digestion of Micro and Macro Algae, Pre-treatment and Co-Digestion-Biomass — A Review for a Better Practice.....646
R. Paul, L. Melville, and M. Sulu

• Waste Treatment

- Evolution of Municipal Waste in the EU — Portugal, Croatia, and Netherlands.....651
P. Matos, S. Paixão, J. P. Figueiredo, and A. Ferreira

- Removal of Cu (II) in Water by Using Adsorbent Based on Volcanic Ash of Mount Kelud in Indonesia.....657
Eko Siswoyo, Annisa Firachmatika, and Ridho Babel Kautsar

- Thermochemical Conversion of Municipal Solid Waste — An Energy Potential and Thermal Degradation Behavior Study.....661
A. Hlaba, A. Rabiou, and O. A. Osibote

- Study of Recovering and Separating the Waste Metal Layers Aircraft by Electrochemical Treatment.....668
Dihia Benyahia and Robert Hausler

- Attributes in Fostering Waste Segregation Behaviour.....672
Tee Sin-Yee and Low Sheau-Ting

• Soil Treatment

- Effects of Arbuscular Mycorrhizal Fungi Inoculation on a Wild Type Sorrel (*Rumex acetosa*) under Copper Stress.....676
Fenghua Wang, Guangyuan Li, Jia Guo, and Shuangchen Chen

- Naturalized vs. Introduced Grasses: What about Carbon Capture Capability?.....681
Jimenez Alejandra, Jimenez Santiago, Jimenez Cristhy, Jimenez Mauro, Fiallos Luis, and Andrade Patricia

• Climate Change

- Determinants of Rural Farmers' Adoption of Climate Change Adaptation Strategies: Evidence from the

Amathole District Municipality, Eastern Cape Province, South Africa.....	687
<i>A. Taruvinga, M. Visser, and L. Zhou</i>	
• Water Treatment	
Determination and Comparison of Heavy Metals (Hg, Cd, Pb and As) of <i>Barbusgrypus</i> and <i>Capoetacapoeta</i> in Heleh River from Iran.....	693
<i>Laleh Roomiani, Fatemeh Mashayekhi and Mansoreh Ghaeni</i>	
Periodic Water Quality Monitiring of Surface Water in Korba District (C.G.) India.....	698
<i>Madan Murari Vaishnav, Ramesh Janjala, Milan Hait, Pralhad Kanhaiyalal Rahangdale, and Shreni Dewangan</i>	
Assessment of Ground Water Quality in and around Pydibhimavaram Industrial Area, AP, India.....	703
<i>Venkata Rao Gummadi and Kalpana Polipalli</i>	