International Journal of Environmental Science and Development

CONTENTS

Volume 7, Number 3, March 2016

Environmental Pollution Control
Wet Oxidation of Formaldehyde with Heterogeneous Catalytic Materials
Mario A. Romero-Romo
MF as Pretreatment of RO for Tertiary Treatment of Biologically Treated Distillery Spentwash
Filamentous Bacteria Identification by VIT Method
Flow Behavior Simulation with Computational Fluid Dynamics in Spray Tower Scrubber
Economic and Environmental Effects of Using Onboard Desalinated Ballast Water from Oil and Natural Gas Trade as a Source of Water Supply for Abu Dhabi
Heavy Metals Adsorption by Mixed Liquid Suspended Solids (MLSS)
Railway Noise Pollution Prevention in Terms of Regulations: Case Study of Istanbul
Reuse of Carbon Paste from Used Zinc-Carbon Battery for Biogas Desulfurizer with Clay as a Binder203 Tjokorda Gde Tirta Nindhia, I. Wayan Surata, I. Dewa Gede Putra Swastika, and I. Made Wahyudi
• Environmental Assessment
Assessment of Pollution Potential of Soil and Groundwater in a Non-Engineered MSW Landfill Site207 Kalyan Adhikari and Supriya Pal
Optimization of Life Cycle Assessment-Based Eco-efficiency
Environmental Resource Science
Industrial Water Mass Balance Analysis
Options for Land Conservation Practices Based on Land Uses in Kungkai Watershed, Bengkulu, Sumatera, Indonesia
Muhammad Faiz Barchia

Long-Term Simulation of the Effect of Low Impact Development for Highly Urbanized Areas on the	
Hydrologic Cycle in China.	225
Shuai Niu, Lei Cao, Yu Li, and Jinhui Huang	
• Environmental Ecosystem	
• Environmental Ecosystem Landscape Degradation and Restoration — A Planning Approach	229