

International Journal of Environmental Science and Development

CONTENTS

Volume 4, Number 1, February 2013

Land Suitability Analysis for Policy Making Assistance: A GIS Based Land Suitability Comparison between Surface and Drip Irrigation Systems.....	1
<i>A. H. Rabia, H. Figueredo, T. L. Huong, B. A. A. Lopez, H. W. Solomon, and V. Alessandro</i>	
Trinitrotoluene and Its Metabolites in Shoots and Roots of <i>Panicum maximum</i> in Nano-Phytoremediation.....	7
<i>Waraporn Jiamjitrpanich, Preeda Parkpian, Chongrak Polprasert, and Rachain Kosanlavit</i>	
Effect of Natural Resin on Strength Parameters of Sandy Soil.....	11
<i>H. Suha Aksoy and Mesut Gor</i>	
Introducing a New Parametric Concept for Land Suitability Assessment.....	15
<i>Ahmed H. Rabia and Fabio Terribile</i>	
Constructed Wetland for Wastewater Treatment and Reuse: A Case Study of Developing Country.....	20
<i>Atif Mustafa</i>	
Effects of Strain Type and Water Quality on Soil-Associated <i>Escherichia coli</i>	25
<i>Daniel L. Gallagher, Kate Lago, Charles Hagedorn, and Andrea M. Dietrich</i>	
Odour Nuisance near Semi-Aerobic Landfill: A Distance-Based Study in Malaysia.....	32
<i>Tengku Nuraiti Tengku Izhar, Nor Azam Ramli, and Ahmad Shukri Yahaya</i>	
Quantifying Bioavailability and Toxicity of Copper to <i>Americamysis bahia</i> - Mysid Shrimp.....	37
<i>Andrea M. Dietrich, Niel Postlethwait, and Daniel L. Gallagher</i>	
Temporal Partitioning by Animals Visiting Salt Licks.....	44
<i>Jason Hon and Shozo Shibata</i>	
Climate Change in Brazilian Cities: Policy Strategies and Responses to Global Warming.....	49
<i>Fabiana Barbi, and Leila da Costa Ferreira</i>	
Statistical Modelling of Recent Changes in Extreme Rainfall in Taiwan... ..	52
<i>Lan-Fen Chu, Michael McAleer, and Szu-Hua Wang</i>	
Modeling of Sediment Behavior on Urban Watershed and Determination of Climate Change Effects.....	56
<i>B. Şimşek Uygun and M. Albek</i>	
Land Subsidence Prediction in Central Plain of Thailand.....	59
<i>Piyakarn Teartisup and Prapet Kerdsueb</i>	
Climate Change and Global Warming: Signs, Impact and Solutions	62
<i>D. S Matawal and Dafang John Maton</i>	

GIS-Based Hotspot and Cold Spot Localization in Olomouc Depend on Geofactors.....	67
<i>Jan Geletic</i>	
Effect of Different Rennet Type on Physico-Chemical Properties and Bitterness in White Cheese.....	71
<i>Tulay Ozcan and Ufuk Eren-Vapur</i>	