

International Journal of Environmental Science and Development

CONTENTS

Volume 5, Number 3, June 2014

- Qualitative Analysis of Extent and Severity of Desertification for Semi-Arid Regions Using Remote Sensing Techniques238
M. V. Khire and Y. Y. Agarwadkar
- Valuing Biodiversity: A Qur'anic Account.....244
A. K. H. Solihu
- Management Practices for Phosphorus and Sediment Reduction in the Salton Sea Watershed251
Khaled M. Bali and Isabel Escabosa
- Zero Tilled Dibbled Sunflower Enables Planting Earlier and Harvests More in the Coastal Saline Area of Bangladesh260
M. Harunur Rashid, Shama Nasrin, and Debabrata Mahalder
- Climate Changes and Its Consequences Case Study: Fog Occurrence in Isfahan City265
Victoria Ezzatianand Zahra Jahanbani
- Rapid Detection of Heavy Metals with the Response of Carotenoids in *Daucus Carota*.....270
Ling Shing Wong and Chieh Wean Choong
- Culvert Effects on Stream and Stream-Side Salamander Habitats.....274
James T. Anderson, Ryan L. Ward, J. Todd Petty, J. Steven Kite, and Michael P. Strager
- The Use of Geoinformatics for Estimating Soil Organic Matter in Central Plain of Thailand.....282
Prapeut Kerdsueb and Piyakarn Teartisup
- Dielectric Based Sensing System for Banana Ripeness Assessment.....286
D. Jamaludin, S. Abd Aziz, and N. U. A. Ibrahim
- Laboratory Biogas Production from Kitchen Wastes and Applying an Adaptive Neuro Fuzzy Inference System as a Prediction Model.....290
Kobra Salehi, Seyed Masoom Khazraee, Fatemeh Sadat Hoseini, and Farnoush Khosravanipour Mostafazadeh
- Spatial Variability of Heavy Metals in the Soils of Ahwaz Using Geostatistical Methods.....294
Abbas Hani, Narges Sinaei, and Ali Gholami
- Development and Evaluation of an Impedance Spectroscopy Sensor to Assess Cooking Oil Quality.....299
A. Y. Khaled, S. A. Aziz, and F. Z. Rokhani
- A Preliminary Assessment of the Occurrence of *Cryptosporidium* and *Giardia* in the School Swimming Pool Water in Dubai, United Arab Emirates.....303
Alia Ali Ahmad Aljanahi and Munawwar Ali Khan

Bacteriological Quality of Reclaimed Wastewater Used for Irrigation of Public Parks in the United Arab Emirates.....	309
<i>Amna Salem Hazim Al Amimi, Munawwar Ali Khan, and Rania Dghaim</i>	
Oil Spill Optimized Contingency and Recovery Techniques Using ADIOS2.....	313
<i>Hamad Al-Mebayedh</i>	
The Holistic Management of the Landscape of Ethnic Communities Will Reduce Climate Change and Promote Its Sustainability.....	317
<i>Pedro J. Guti érez-Yurrita, Andrea Ortega, Adriana Álvarez, Luz A. Garc ía, and Minerva Rebollar</i>	
Prospective Study of GMO in Korea: Harnessing GMO for Solving Problems of Climate Change.....	324
<i>Sungmin Lee and Ha Eun Chun</i>	
Variation of Some Physico-Chemical Parameters and Biodiversity of Gastropods Species in Euphrates River, Iraq.....	328
<i>Jasim Mohammed Salman and Ahmed Joudah Nassar</i>	
Effect of Pre-Mating Water Deprivation on Ovarian Activity and on Reproductive Traits of Mature Barbarine Ewes during Summer Season.....	332
<i>S. Khnissi, N. Lassoued, M. Rekik, and H. Ben Salem</i>	