

International Journal of Environmental Science and Development

CONTENTS

Volume 11, Number 4, April 2020

- Lead Immobilization in Artificial Contaminated Soil Using Sulfur-Impregnated Carbonaceous Rice Straw ... 159
T. Wajima
- Tourist Behavior of Plastic Waste Reduction in the Coastal Area of Trang Province, Thailand 165
*Weerawat Ounsaneha, Orapin Laosee, Thunwadee Tachapattaworakul Suksaroj, Pintip Srisamai, and
Cheerawit Rattanapan*
- Carbon Footprint Reduction from Energy-Saving Measure and Green Area of Suranaree University of
Technology, Thailand 170
Sudjit Karuchit, Wichayanee Puttipiriyangkul, and Tanyarut Karuchit
- Analysis the Performance of Chemical and Physical Additives to Reduce Shrinkage of Drinking Water
Treatment Sludge (DWTS)..... 175
Himahansi H. Galkanda and Rangika U. Halwatura
- Assessing the Impacts of Vegetation Cover Change in Mahazat Alsayd Natural Reserve Using Remote Sensing
and Ground-Truth Data..... 180
Ali A. Al-Namazi and Khalid A. Almalki
- Borehole and Near-Surface Greenhouse Gas Emission Monitoring System with Self-calibrating Algorithm and
Zone-Based Data Analysis via Clustering Technique..... 186
Dennis A. Martillano, John Noel Corpuz, John Marfil Disonglo, and Jeffrey B. France
- Towards Better Surveillance for Coral Ecosystems in Qatar: Stakeholder Engagement in EBM Approach 194
Abdel-Samad M. Ali, Lucia Fanning, Pedro Range, Mera Alnaimi, and Radhouan Ben-Hamadou
- Participatory Assessment Model (PAM) for the Sustainability of Rural Livelihoods Based on Climate Change
..... 202
Khademibami Leyla and Pazouki Pejman
- Environmentally Sustainable Tensioned Fabric Structure in the Form of Half-Costa YZ-Plane 207
Hafizah M. Azlan, Yee H. Min, and Nurul Afiqah A. Malek
- Proposal for an Ecological Research Center for the Recovery and Revaluation of Biodiversity in the Town of
Quichas-Lima, Peru 212
Doris Esenarro, Ivana Escate, Leslie Anco, Carla Tassara, and Ciro Rodriguez

