

Contents

<i>Editorial</i>	i
□ <i>Snapshots</i>	ii
A Review of Emission Reduction Potential and Cost Savings through Forest Carbon Sequestration <i>Asif Raihan, Rawshan Ara Begum, Mohd Nizam Mohd Said and Sharifah Mastura Syed Abdullah</i>	1
Biodegradation of Fruit Waste under Optimum Nutrient Conditions and Different Bacterial Inocula <i>Gajraj Singh Rajput and Sudha Goel</i>	9
Economic Incentives for Forest Conservation at Different Scales <i>Valeriy I. Prasolov, Vladimir A. Gorbanyov and Vitaliy K. Khlyustov</i>	19
Nano-scale Iron Oxide as Heterogeneous Fenton Catalyst for Organic Pollution Degradation and Heavy Metal Remediation in Water Sample of Byramangala Lake, Karnataka <i>Deepthi Nagappa and Basavaraju Manu</i>	25
Assessing Genotoxic and Cytotoxic Effects in Bivalves Influenced by Marine Pollution in Bahrain, Arabian Gulf <i>Abdulla A.R. Abdulla, Humood A. Naser and Ghaida J. Ayyad</i>	35
Nano-materials: Novel and Promising Adsorbents for Water Treatment <i>Md. Ahmaruzzaman</i>	43
Assessment of Chahnimeh Water Quality through the Water Quality Index (WQI) <i>Imanhomayoonnezhad, Amir Hessamhassani, Reza Arjmandi and Akramolmolok Lahijanian</i>	55
Iron-Ore Mining, Water Quality and Health: An Investigation into their Relationships <i>Minati Sahoo, Dharmabrata Mohapatra and Dukhabandhu Sahoo</i>	63
Bioreduction of Iron and Biosorption of Heavy Metals (Ni ²⁺ , Co ²⁺ , Pb ²⁺) by a Novel Environmental Bacterium, <i>Tabrizicola aquatica</i> RCRI19 ^T <i>Vahideh Tarhriz, Zahra Akbari, Azita Dilmaghani, Adel Hamidi, Mohammad Amin Hejazi and Mohammad Saeid Hejazi</i>	73
Removal of Heavy Metals from Industrial Sludge Using Soil Washing Technique <i>J. Sumalatha, B.P. Naveen and R.K. Malik</i>	83
The Efficiency of Anaerobic Biological Method Integrated with Fenton and Nanosilica Absorbent in the Treatment of Solid Waste Leachate <i>Malihe Salehi, Kamran Taghavi, Dariush Naghipour and Seyed Davoud Ashrafi</i>	91
Efficiency of Modified Mixed Gamma Distribution in Estimating Annual Maximum and Minimum Flows at Moniya Gauging Station, Nigeria <i>Olusegun Sunday Ewemooje and Temitayo Abayomi Ewemoje</i>	99

Contents

Salinization of River Waters and Suitability of Electric Conductivity Value for Saving Freshwater from Salts in Aral Sea Basin	
<i>B.K. Karimov, M. Matthies, V. Talskikh, M.A. Plotsen and E.B. Karimov</i>	109
Spatial Analysis of Physical Poverty of Urban Housing (Case Study: District 17 of Tehran)	
<i>Sayyed Ali Alavi, Abolfazl Meshkini, Hassan Ahmadi and Azizi Zamani</i>	115
Predicting the Quality of Treated Water from an Activated Carbon Based Water Purifier Using Artificial Neural Network	
<i>Ritabrata Roy</i>	125
<i>Environment News Futures</i>	129