Contents

Editorial	i
□ Snapshots	ii
Content Estimation of Heavy Metals and Arsenic in Waters and Soils of the Unal Tailings Pond Vadim Ermakov, Alexander Degtyarev, Vladimir Safonov, Uliana Gulyaeva, Sergey Tyutikov and Valentina Danilova	1
Reverse Micellar Extraction of Copper Ions from Wastewater: Modelling and Simulation Tarun Kumar Chaturvedi, Prabhat Pandit, Sushant Upadhyaya and Manish Vashishtha	9
Air Pollution: A Study of Its Concept, Causes, Sources and Effects Suaad Hadi Hassan Al-Taai and Waleed Abood Mohammed al-Dulaimi	17
Implementation of Renewable Energy Indicators to Manage Water Supply Resources Ismail Husein, A. Surendar, Marsel Kadyrov, Alireza Heidary, Mohsen Mortazavi and Marischa Elveny	23
Evaluation and Correlation Analysis of Surface Water In and Around Mangalore Coastal Belt, Karnataka, India	
Kiran, D.A and Ramaraju, H.K.	27
Utilization of Seawater in the Pretreatment and Saccharification of Seaweed Binita Dev, Vivek Kambhampati and P. Balasubramanian	33
Evaluating the Efficiency of the Classifier Method When Analysing the Sales Data of Agricultural Products	
Yuxin Wang, Svetlana Avdeenko and Yuriy Shmidt	41
Analysing the Changes in Water Quality of River Ganga Passing Through Urban Cities with Remote Sensing and GIS Support	
Kamakshi Singh and Ramakar Jha	47
Prediction of Fractures and Cracks to Improve the Drilling Operations Saade Abdalkareem Jasim, Khaldoon T. Falih, Ahmed Kateb Jumaah Al-Nssairi, Ola Kamal A. Alkadir, Yasser Fakri Mustafa and Li Yang	59
Zero-valent Iron Loaded Activated Carbon Nanocomposites for Photocatalytic Degradation of Potassium Dichromate	
Md. Ahmaruzzaman	67
Modeling the Effect of Magnesia Nanoparticles on CO Hydrogenation to Light Olefins in a Continuous Flow Reactor Using Fine Gaussian Support Vector Machine Alyaa K. Mageed, Mohamed A. Abdel Ghany, May Ali Alsaffar and Jamal M. Ali	73
Assessment and Appraisal of Morning Peak Time Urban Road Traffic Noise at Selected Locations of Major Arterial Roads of Surat City, India	73
Ramesh B. Ranpise and B.N. Tandel	81
Study The Suitability of Water Quality For Agricultural Uses In Al- Diwaniyah Governorate in Iraq	
Rana Abd Al-Hadi Mukheef, Alaa Adnan Obayes and Zainab Ali Omran	87
Environment News Futures	93