

Contents

<i>Editorial</i>	i
□ <i>Snapshot</i>	ii
<i>Guest Editorial</i>	v
The Feasibility of Algae Treatment Treating Fecal Sludge Wastewater at Surabaya, Indonesia <i>Aulia Ulfah Farahdiba, Euis Nurul Hidayah, Djuni Wulan Zara and Nguyen Thi Thuy Linh</i>	1
Effect of Salinity on Osmoregulation and Histopathology in Gills of Tilapia (<i>Oreochromis niloticus</i>) <i>Kiki Syaputri Handayani, Agoes Soegianto and Ching-Fong Chang</i>	7
Effect of Mercury on Growth of Several Microalgae <i>Sulastris Arsad, Siti Nur Kholifah, Estuningdyah Prabawati, Luthfiana Aprilianita Sari, Miftahul Khair Kadim and Yuni Kilawati</i>	13
Evaluation of Radioactivity in Surabaya Coastal Estuary Ecosystem with Spectrometry α , β , γ <i>Siswanto, Agus Taftazani and Dedy Prasetyo</i>	19
Health Risk Analysis of Cd, Pb and Hg in Blood Mussel (<i>Anadara granosa</i>) from Demak, Central Java, Indonesia <i>Bambang Yulianto, Wahyu Andre Wijaya, Wilis Ari Setyati, Sunaryo, Adi Santosa, Trisnadi W. C. Putranto and Agoes Soegianto</i>	25
Visualization of the Microbial Community and Elemental Mapping of <i>Anadara granosa</i> Media Used in a Slow Sand Filter Using a SEM-EDS <i>Ni'matuzahroh, Nurina Fitriani, Eddy Setiadi Soedjono, Eko Prasetyo Kuncoro, Radin Maya Saphira Radin Mohamed and Timothy Tjahja Nugraha O'Marga</i>	31
Consortium of <i>Marsilea crenata</i> and <i>Ludwigia adscendens</i> for Linear Alkylbenzene Sulfonate Detergent Phytoremediator <i>F. Rachmadiarti, M.T. Asri, A. Bashri, Yuliani and I.A. Pratiwi</i>	37
Microalgae <i>Skeletonema costatum</i> for Cd and Cu Remediation <i>Dwi Candra Pratiwi, Niken Pratiwi, Defri Yona, Respati Dwi Sasmita and Intan Ayu Pratiwi</i>	43
Effects of Cd, Zn and Cd+Zn Combination on Osmoregulation of Tilapia (<i>Oreochromis niloticus</i>) <i>Trisnadi Widyaleksono Catur Putranto, Dewi Shinta, Mochammad Affandi and Agoes Soegianto</i>	49
Ability of Mangrove Fungi in Biodegradation of Hexadecane <i>Nengah Dwianita Kuswytasari, Riva Ariny Elhaque, Alfa R Kurniawati, Nur Hidayatul Alami, Enny Zulaika, Maya Shovitri, Ni Nyoman Tri Puspaningsih and Ni'matuzahroh</i>	55

Contents

Effect of Feed Supplement on Sperm Quality and Total Intestinal Bacteria of Fish Exposed by Cadmium <i>Alfiah Hayati, Farah Annisa Nurbani, Meirizka Amira, Windy Seftiarini, Aken Puti Wanguyun and Bayyinatul Muchtaromah</i>	61
Effect of Media on Constructed Wetlands Performance with <i>Equisetum hyemale</i> <i>Febri Eko Wahyudianto, Muhammad Fauzul Imron, Nur Indradewi Oktavetri, Salsabilla Choirun Nisa' AlFikry, Lintang Tubagus Rahmatullah and Danar Arifka Rahman</i>	65
Heavy Metals (Cd, Pb, Cu, Zn) in Green Mussel (<i>Perna viridis</i>) and Health Risk Analysis on Residents of Semarang Coastal Waters, Central Java, Indonesia <i>Bambang Yulianto, Ocky Karna Radjasa and Agoes Soegianto</i>	71
Characterization and Lipase Production of <i>Micrococcus</i> sp. L69 Isolated from Palm Oil-contaminated Soil <i>Sri Sumarsih, Fatimah, Sofijan Hadi, Ragil Tri Adhiningsih and Fakhrudin Eka Prasetyo</i>	77
Effect of Water Quality on Community Structure of Bivalve at Segoro Tambak Estuary, Sidoarjo, East Java, Indonesia <i>Widya Wahyu Hutami, Luthfiana Aprilianita Sari, Endang Dewi Masithah, Adriana Monica Sahidu and Kustiawan Tri Pursetyo</i>	81
Economic Efficiency of Mineral Fertilizers Applied for Sorghum Growing in the Forest-Steppe Zones of the Southern Urals <i>Irek Araslanbaev, Firdavis Avsakhov, Alisa Ableeva, Razit Nurlygajanov, Milyausha Lukyanova and Guzel Salimova</i>	87
Hydrogeochemical Evolution and Quality Assessments of Streams Water in the Bhagirathi Basin, Garhwal Himalaya, Uttarakhand <i>Zabiullah Ansari and Sarfaraz Ahmad</i>	93
Investigation of Variability of Some Gaseous and Particulate Pollutants over Delhi, Northern India (28°40'N, 76°50'E) <i>Ram Chhavi Sharma</i>	101
<i>Environment News Futures</i>	111