

Preface	vii
Chapter 1	The Biopesticidal Role of Essential Oils in <i>Callosobruchus</i> Spp. Management	1
	Ayub Khan	
Chapter 2	The Integration of Socio-Hydrological Systems to Address the Water Management Issues in the Karnaphuli River in Bangladesh.....	37
	Md. Humayain Kabir Poly Sushil, Fatima tuz Zahra and Mohammad Mozaffar Hossain	
Chapter 3	The Oxidative Degradation of Theophylline from Aquatic Environments: A Mechanistic Study	79
	Sunil Paul M. Menacherry and Charuvila T. Aravindakumar	
Chapter 4	The Impact of Organochlorine Pesticides on the Environment	105
	Hassan Abdel-Gawad and Agata Witczak	
Chapter 5	Spent Brewer's Yeast as a Biosorbent for Wastewater: Improving Sorbent Capacity for Brilliant Green Dye by Carrier Design.....	125
	Tanja Krunic, Marica Rakin and Marko Rakin	
Chapter 6	The Potential of Peroxydisulfate Pre-Treatment of Algae Slurry (<i>Pasir Gudang, Malaysia</i>) for Enhancing Bio-Methane Generation from Anaerobic Digestion: Kinetic Modeling.....	147
	M. N. I. Siddique and N. Rasit	

Chapter 7	Ecological Weed Management in Maize.....	165
	Milan Brankov and Milena Simić	
Chapter 8	The Role of DNA Barcodes as a Tool to Expedite the Faunal Documentation from a Biodiversity Hotspot in the Western Ghats, India.....	183
	A. Shabnam, R. Morey and K. P. Dinesh	
Chapter 9	The Ecological Importance of Scavenger Birds and Their Role in the Dispersion of Antibiotic- Resistant Bacteria	199
	Andreia Garcês	
Chapter 10	The Soul of Brazil's White Forest	215
	Luciana A. A. P. Fonseca, Alessandra S. Bertan and Marco A. Cremasco	
Contents of Earlier Volumes.....		229
Index		237