

CONTENTS

Preface		vii
Chapter 1	Chlorine Dioxide Use to Oxidate and Remove Pesticides and Pharmaceuticals from Water <i>Marija V. Pergal, Viacheslav V. Avdin and Dragan D. Manojlović</i>	1
Chapter 2	Liquid Fertilizer Generation Technologies in Industrial Scale-Up: A Review <i>Malek Hassanpour</i>	89
Chapter 3	Brazilian Agribusiness: Analysis of the Consequences of Digital Transformation on Environmental Sustainability <i>Nelson Roberto Furquim, Larissa Araújo, Lorraine Cruz Verçosa and Marcella Mornatti Araújo</i>	123
Chapter 4	The Physicochemical Characteristics and Composition of Coal Briquette Ash and Its Possible Applications <i>G. Oyun-Erdene, L. Mandakhsaikhan, D. Anudari, B. Davaabal, R. Ulambayar and J. Temuujin</i>	147

Contents

Chapter 5	Ecological Sanitation: Closing the Loop in Domestic Wastewater Management <i>Başak Kılıç Taşeli</i>	173
Chapter 6	Immunotoxic Effects of Pesticides <i>Merve Bacanlı and Onur Erdem</i>	191
Chapter 7	The Possible Mechanisms of Toxic Effects of Heavy Metals <i>Merve Bacanlı, Hatice Gül Anlar and Nurşen Başaran</i>	205
	Contents of Earlier Volumes	217
	Index	223