

# Contents

<b>Preface</b>	.....	vii
<b>Chapter 1</b>	<b>Recent Advances in Soil Remediation Using Nano Zero-Valent Iron (nZVI) Activated Peroxydisulfate (PDS) and Peroxymonosulfate (PMS)</b> .....	1
	Bekir Fatih Kahraman	
<b>Chapter 2</b>	<b>Bioplastics: Current Knowledge and Future Trends</b> .....	31
	Kanaka Durga Devi Nelluri, Radha Madhavi Baluguri, Rekhachandini Chinta and Sahithi Kamepalli	
<b>Chapter 3</b>	<b>Inhalable Ambient Particulate Matter: Sources, Composition, Effects and Management</b> .....	61
	Muskan Agarwal, Simran Bamola, Isha Goyal and Anita Lakhani	
<b>Chapter 4</b>	<b>Bioethanol Production from Agricultural Waste: An Overview</b> .....	89
	P. J. Sebastian, J. L. Aleman-Ramirez, M. Mejía-López, S. Torres-Arellano and D. M. Arias	
<b>Chapter 5</b>	<b>Environmental Occurrence and Toxicological Effects of Benzo[a]pyrene</b> .....	111
	Hillary Henao-Toro, Edwin Chica and Ainhoa Rubio-Clemente	

<b>Chapter 6</b>	<b>Impact of Carbon Dioxide Emissions Worsen Perceptions of Climate-Friendly Material Selection: Office Building Development in Ghana</b> .....	127
	George Sarpong-Nsiah	
<b>Chapter 7</b>	<b>A Multi-Criteria Optimization Model for Office Building Development through Climate-Friendly Material Selection: A Conceptual Framework</b> .....	145
	George Sarpong-Nsiah	
<b>Chapter 8</b>	<b>Kinetic Study of Dry Flue Gas Desulfurization by Various Sorbents Using a Random Pore Model</b> .....	159
	H. Mahdipour H. Ale Ebrahim and M. S. Parandin	
<b>Contents of Earlier Volumes</b> .....		187
<b>Index</b> .....		195