

# Contents

## Part I Environmental Quality Deterioration and Health

<b>1 Environmental Deterioration and Human Health: An Overview .....</b>	<b>3</b>
Farhana Masood, Elisabeth Grohmann, Rais Akhtar and Abdul Malik	
<b>2 Environment and Health in Italian Cities: The Case of Taranto .....</b>	<b>17</b>
Tiziana Banini and Cosimo Palagiano	
<b>3 Environmental Concerns of the Tanning Industry .....</b>	<b>39</b>
Farhana Masood and Abdul Malik	
<b>4 Environmental and Health Effects of Textile Industry Wastewater .....</b>	<b>55</b>
Sana Khan and Abdul Malik	
<b>5 Applications of <i>Bacillus thuringiensis</i> for Prevention of Environmental Deterioration .....</b>	<b>73</b>
Showkat Ahmad Lone, Abdul Malik and Jasdeep Chatrath Padaria	

## Part II Pollution and Health

<b>6 Insecticides: Impact on the Environment and Human Health .....</b>	<b>99</b>
M. Shafiq Ansari, Maher Ahmed Moraïet and Salman Ahmad	
<b>7 Spread of Antibiotic Resistance in the Environment: Impact on Human Health .....</b>	<b>125</b>
Melanie Broszat and Elisabeth Grohmann	
<b>8 Persistent Organic Chemicals of Emerging Environmental Concern .....</b>	<b>163</b>
Luciana Pereira	

<b>9</b>	<b>Application of Microorganisms in Bioremediation of Environment from Heavy Metals .....</b>	<b>215</b>
	Katarzyna Hrynkiewicz and Christel Baum	
<b>10</b>	<b>Organochlorine Pesticide Residues in Foodstuffs, Fish, Wildlife, and Human Tissues from India: Historical Trend and Contamination Status.....</b>	<b>229</b>
	V. Dhananjayan and B. Ravichandran	
<b>11</b>	<b>Management of Municipal Solid Waste Landfill Leachate: A Global Environmental Issue .....</b>	<b>263</b>
	Meththika Vithanage, S.S.R.M.D.H.R. Wijesekara, A. R. Siriwardana, Soniya S. Mayakaduwa and Yong Sik Ok	
<b>Part III Climate Change and Health</b>		
<b>12</b>	<b>Climate Change and Migration: Food Insecurity as a Driver and Outcome of Climate Change-Related Migration.....</b>	<b>291</b>
	Celia McMichael	
<b>13</b>	<b>Climate Change and Vector Borne Diseases in Latin America.....</b>	<b>315</b>
	Ulisses EC Confalonieri and Flávia RL Suassuna Dutra	
<b>14</b>	<b>Climate Change and Geoenvironmental Problems in Indian Desert.....</b>	<b>325</b>
	H. S. Sharma	
<b>15</b>	<b>Geocology of Malaria in India: Historical Perspective and a Case Study of Western Rajasthan .....</b>	<b>335</b>
	Rais Akhtar	
<b>Part IV Water Quality, Exposure and Health</b>		
<b>16</b>	<b>Spring Water Quality and Human Health in Foothill Settlements of Pir Panjal Range in Anantnag and Kulgam Districts of Jammu and Kashmir State, India.....</b>	<b>349</b>
	G. M. Rather, Rafiq A. Hajam, M. S. Bhat and T. A. Kanth	
<b>17</b>	<b>Dietary Exposure to Arsenic as an Anthropogenic Factor: Beyond the Recommended Diet.....</b>	<b>371</b>
	Rebeca Monroy Torres	
<b>18</b>	<b>Land-Use Changes and Their Impact on Water Resources in Himalaya.....</b>	<b>389</b>
	Bhagwati Joshi and Prakash C. Tiwari	
	<b>Index.....</b>	<b>401</b>

Environmental Deterioration and Human Health

Natural and anthropogenic determinants

Malik, A.; Grohmann, E.; Akhtar, R. (Eds.)

2014, XV, 421 p. 45 illus., 35 illus. in color., Hardcover

ISBN: 978-94-007-7889-4