

Environmental Deterioration and Contamination

Problems and their Management



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Table of contents

	Preface	Xi
	List of abbreviations	XIII
1	About the editors	xvii
	Environmental problems – An overview	1
3	K, GRUIZ	
	1 Introduction	1
	2 Ecosystem	4
	3 Ecosystem and man: Ecosystem services	16
	4 Extension and time frame of environmental	
	risks and their management	22
	5 Environmental compartments: Air, water, and soil	26
	6 Deteriorated ecosystems in general	28
	6.1 Damage in the ecosystem's provisioning services	28
	6.2 Damage in the ecosystem's regulating services	28
	6.3 Damage in the ecosystem's habitat services	29
	6.4 Nature and biodiversity protection	30
	6.5 Invasive species	33
	6.6 Urban ecosystems	34
7	Threat by chemical substances: Legislation, production,	
ŧ	use and waste	41
1	K. GRUIZ	
	1 Introduction	41
	2 Production and use of chemical substances	
	world-wide	42
	3 Risk of hazardous chemicals during their	
	whole life cycle	44
	4 Regulation of chemical substances in Europe	46
	4.1 GHS pictograms and hazard categories	47
	4.2 European Regulatory Framework	47
	5 Which are the most dangerous chemical substances?	49
	251 Practical, grouping of environment-contaminating chemicals	50
	3.2 Pesticides	51
	5.3 Biocides	53

ń	Table	of	contents

	6	Carcinogens	54
	7	Mutagens	58
	8	Reprotoxic substances	61
	9	Pollutants of emerging concern	61
	Ab	andoned and contaminated land	77
	K.C	BUIZ	
	1	Deteriorated land and contaminated soil:	
		An introduction	77
	2	Contaminated land	78
	3	Typical soil contaminants	84
	4	Soil deterioration other than contamination	86
	5	Some European facts	89
	E.,	wironmental risk of chemical agriculture	93
	En	ANTON, G. FEKETE, B. DARVAS & A. SZÉKÁCS	
		Introduction to the risk of chemicals in agriculture	93
	1	Regulation of pesticides in the European union	94
	2	Environmental impacts of fertilizers and pesticides	96
	3	3.1 Environmental impacts of fertilizers	97
		3.2 Environmental impacts of restrictes	98
	4	Output intensity of agrochemicals	100
	5	Sustainable agriculture	108
		nvironmental risk of mining	113
•			
		VASZITA Environmental problems caused by mining: An introduction	113
	1		114
	2	2.1 Oil and gas production	114
		2.1 Coal, ore and nonmetallic mineral mining and quarrying	115
		2.2.1 Extraction	115
		2.2.2 Mineral processing	116
			116
	3		118
			120
	5		122
	6	6.1 The Stava tailings dam failure	123
		6.2 The Los Frailes tailings dam failure	123
		6.2 The Rain Mare evanide spill	124
		6.4 The red mud catastrophe at the Ajka bauxite processing plant	125
	- 5		126
		Environmental risk of waste and its management	135
6			
		G. GRUIZ & O. KLEBERCZ 1 The waste problem and its management: An introduction	135
		1 The waste problem and its management: An introduction	139
	- 1	2 European waste legislation	

Environmental Risk Management", dealing with the following topics:

- types and management of environmental deterioration, particularly pollution
- environmental toxicology as a versatile tool in monitoring and risk management
- risk reduction measures, focusing on bio- and ecotechnologies;
- Case studies demonstrating the interaction between regulation, management and engineering and the individual application of engineering tools.

The book series focuses on the state of knowledge concerning the environment and its conscious and structured application in environmental engineering management, decision making and legislation.

healthy environment and the capacity of the ecosystem to serve mankind and to compensate for adverse changes. The prime causes of these changes are production and use of chemical substances, abandoned and contaminated land, intensive agriculture, mining and the complex problem of waste.

rise first volume establishes the foundation of the holistic approach used in progressive environmental protection by:

 striking a balance between nature's needs and engineering capabilities,
 understanding the interaction between regulation, management and engineering;

applying novel technologies and innovative scientific and engineering tools.
 The aggregated information and knowledge disseminated in this volume provide:
 a broad perspective for engineers to adjust their tools to the best management practices and for managers and decision makers to find synergy between their opening and provided and existing engineering solutions.

This book series focuses on the state of knowledge about the environment and its conscious and structured application in environmental engineering, management and decision making.



