

Table of Contents

List of Tables	ix
List of Images	xi
Preface: Environmental Law, Crime, Justice and Green Criminology	xiii
Chapter 1: The Scope of Environmental and Green Harms	1
Thinking Green	2
The Scope of the Problem	10
Why Study Environmental Crime, Law and Justice?	12
Evidence of Environmental Harms and Crimes	15
Toxic Chemicals in the United States	21
Children and Environmental Health	31
Water Pollution	33
Air Pollution	36
Summary	37
Chapter 2: Environmental Theories	41
Introduction	41
The Free Market and Environmental Protection	42
Criticisms of Free Market Approaches	48
The Sociology of Law	49
Markets and Power	52
Social Ecology	53
Epidemiology and the Environment	68
Conclusion	70

Chapter 3: The Environmental Movement and Policy in the United States	73
Introduction	73
The Early History of Environmentalism	75
Conclusion	102
Timeline of Environmental Events	103
Chapter 4: The U.S. Environmental Protection Agency	107
Introduction	107
Establishing the EPA	108
Responsibilities of the EPA	109
Organizing the EPA	112
Interagency Cooperation	117
The Executive Office and the Environment	120
Renewed Optimism, Again: The Obama Administration	139
Looking Forward	141
The Environmental Protection Agency Chronology of Key Events	142
Chapter 5: Environmental Law in the United States	145
Introduction	145
The Emergence of Contemporary Environmental Law: a Brief History and Context	148
The Move to Regulate Pollution: the Limits of the Free Market	152
Deterrence and Compliance	157
Major Federal Legislation	162
Conclusion: Understanding Laws	175
Chapter 6: Enforcing Environmental Laws and Regulations	179
Introduction	179
Environmental Enforcement Efforts	180
State and Local Law Enforcement Efforts	183
The Role of the Public	186
Obstacles to Enforcing Environmental Regulations	190
Balancing Industry Concerns	193
How Much Environmental Crime Exists?	195
When Environmental Harm Becomes a Crime	200
Penalties for Environmental Harms	203
Looking Ahead...	206

Chapter 7: An Overview of Environmental Crime Investigation	209
Introduction	209
Similarities and Differences Between Environmental and Ordinary Crime Investigations	210
Elementary Environmental Crime Investigation Procedures	213
Environmental Crime Evidence: Collection and Investigations	218
Quality Assurance Plans	221
An Overview of Other Laboratory Guidelines and Issues	227
Secondary Data for Investigations	228
Conclusion	229
Chapter 8: Environmental Crime Data and its Uses	233
Introduction	233
Data Sources	234
Major EPA Databases	234
ECHO	235
Other EPA Data Sources	238
Non-EPA Data Sources	240
Conclusion	248
Chapter 9: Environmental Justice	249
Introduction	249
What Is Environmental Justice?	249
The Relationship Between EJS and Green Criminology	253
Environmental Crime in Warren County, NC	258
Evidence of Environmental Injustice	261
New Directions in EJS	268
Conclusion	275
Chapter 10: Environmental Crime: Challenges and Expectations	277
Introduction	277
What's Ahead for the Environment	278
Researching Environmental Crime	279
Community Justice: Involving the Public and Transforming Formal Responses to Environmental Crime	281
Reforming the EPA	283
Sustainable Development	284
Conservation for the Future	286

Evolving and Future Issues	287
The Future of Environmental Crime: Our Thoughts	288
In the End...	295
References	297