

Contents

Tables, Figures, and Boxes	ix
Preface	xi

1. *After Earth Day: American Environmentalism in Transformation* 1
 - A Texas Bet with Global Stakes 2
 - From Greenhouse to White House to State House 4
 - The Environmental Legacy 5
 - The Political Legacy: From Ronald Reagan to George W. Bush 7
 - Ongoing Challenges: Present and Future 10
 - Plan for the Book 21
 - Conclusion 24
 - Suggested Readings 25
 - Notes 25
2. *Making Policy: The Process* 27
 - The White House and the Greenhouse 28
 - The Policy Cycle 31
 - Constitutional Constraints 34
 - Incrementalism 36
 - Interest-Group Liberalism 37
 - Organized Environmentalism 40
 - Environmentalism and Its Critics 49
 - The Public and Environmentalism 52
 - The Special Place of Science in Policy Making 57
 - Conclusion 61
 - Suggested Readings 61
 - Notes 62
3. *Making Policy: Institutions and Politics* 65
 - The Presidency 68
 - Congress: Too Much Check, Too Little Balance 74
 - The Bureaucracy: Power through Implementation 82
 - The Courts: The Role of Appraisal 97

The Political Environment of Environmental Policy Making	101
Conclusion	109
Suggested Readings	110
Notes	110
 4. <i>Common Policy Challenges: Risk Assessment and Environmental Justice</i>	114
A Toxic Nightmare from Toyland?	115
Risk Assessment and the Limits of Science	118
What Risks Are Acceptable?	125
Risk and Discrimination:	
The Problem of Environmental Justice	131
Conclusion	138
Suggested Readings	140
Notes	140
 5. <i>More Choice: The Battle over Regulatory Economics</i>	143
The Benefit-Cost Debate	144
Regulation Strategies:	
Command and Control vs. the Marketplace	158
Conclusion	170
Suggested Readings	171
Notes	171
 6. <i>Command and Control in Action: Air and Water Pollution Regulation</i>	174
The Political Anatomy of Command-and-Control Regulation	175
Regulating Air Quality	180
Regulating Water Quality	196
Conclusion	213
Suggested Readings	214
Notes	214
 7. <i>A Regulatory Thicket: Toxic and Hazardous Substances</i>	217
An Ambiguous Inheritance	220
The Rush to Regulate	228
Federal Law: Regulation from the Cradle to the Grave?	234
The Regulatory Thicket	240
Conclusion	248
Suggested Readings	249
Notes	249

8. *Energy: Nuclear Dreams, Black Gold, and Vanishing Crude* 253

- Fossil Fuels and Public Apathy: A Perilous Combination 255
- Nuclear Twilight or Second Dawn? 260
- The Nuclear Regulatory Commission in the Middle 271
- Stubborn Hope: Breakthrough Technology,
the White House, and the Greenhouse 273
- The Cold War's Wasteland: Nuclear Weapons Facilities 274
- Black Gold 279
- Conclusion 284
- Suggested Readings 286
- Notes 286

9. *635 Million Acres of Politics: The Battle for Public Lands* 289

- ANWR: Public Land Politics at a Boil 290
- A History of Contested Access 293
- The Public Domain 294
- Conflicts over Multiple Use 298
- The Pluralistic Politics of the Public Lands 302
- The Fate of the Forests 316
- How Much Wilderness Is Enough? 325
- Conclusion 326
- Suggested Readings 327
- Notes 327

10. *The United States and Climate Diplomacy: The Emerging Politics of Global Environmentalism* 330

- Prologue: The Greenhouse Visits the White House 331
- Transboundary Environmental Politics 333
- Climate Diplomacy: Ozone Politics and the
Montreal Protocols 346
- Climate Diplomacy: Acid Precipitation 349
- Climate Diplomacy: Climate Warming 353
- The Emerging Politics of Sustainability 359
- Conclusion 365
- Suggested Readings 366
- Notes 367

List of Abbreviations 371

Index 375

Tables, Figures, and Boxes

Tables

- 2-1 Rating the Environment 54
- 5-1 National Ambient Air Quality Standards 161
- 5-2 Economic Incentives Used in Environmental Regulation 166
- 6-1 Changes in Air Quality and Emissions of Seven Principal
Pollutants Regulated by the Clean Air Act, 1980–2005 183
- 7-1 Availability of Human Exposure Data for Potentially Harmful
Chemicals through the EPA and the Department of Health
and Human Services 222
- 7-2 Hazardous Waste Sites on the National Priority List,
by State, 2004 226
- 9-1 Total and Federally Owned Land, by State, 2000 295

Figures

- 6-1 Leading Sources of River and Stream Impairment 198
- 6-2 Point and Nonpoint Sources of Nitrogen in Watersheds
of Continental United States 203
- 7-1 TRI Disposal or Other Releases, 1988–2004 225
- 8-1 Projected U.S. Oil Consumption, Production,
and Shortfall, 2000–2020 257
- 8-2 U.S. Commercial Nuclear Power Reactors 263
- 8-3 Current Locations of Spent Nuclear Fuel and High-Level
Radioactive Waste Destined for Geological Disposition 267
- 8-4 Historical and Projected Cumulative Volumes of Untreated
High-Level Waste in Storage 277
- 9-1 Percentage of State Acreage Managed by the U.S. Bureau
of Land Management, 2003 300

Boxes

- 3-1 Major Responsibilities of the EPA 86
- 6-1 Human Health and Environmental Effects of Common
Air Pollutants 181