

The Politics of the Environment

Ideas, Activism, Policy

Neil Carter

Department of Politics, University of York



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Contents

Figures	<i>x</i>
Tables	<i>xi</i>
Boxes	<i>xii</i>
Acknowledgements	<i>xiv</i>
Abbreviations	<i>xv</i>
Glossary	<i>xvii</i>

1 INTRODUCTION 1

PART I THEORY: THINKING ABOUT THE ENVIRONMENT

2 ENVIRONMENTAL PHILOSOPHY	13
Staking out the territory	14
Holistic perspectives	19
Moral extensionism	26
Conclusion: breaking down the anthropocentric–ecocentric divide	35
3 GREEN POLITICAL THOUGHT	40
The central ideas of ecologism	41
Traditional political ideologies and the green challenge	63
Neither left nor right, but in front?	72

PART II PARTIES AND MOVEMENTS: GETTING FROM HERE TO THERE

4 GREEN PARTIES: THE RISE OF A NEW POLITICS?	83
Green party electoral performance: an overview	84
Is there a new politics?	86
The political opportunity structure and green party success	95
Whatever happened to the environment?	104
Conclusion	105

5 PARTY POLITICS AND THE ENVIRONMENT	107
Green parties in Parliament	108
The 'greening' of established parties	115
Explaining party politicisation	124
Conclusion	127
6 ENVIRONMENTAL GROUPS	130
The environmental movement: an audit	131
A typology of environmental groups	133
The institutionalisation of the environmental movement	135
The resurgence of grassroots environmentalism	141
A new civic politics?	146
The impact of the environmental movement	150
Conclusion	153
PART III ENVIRONMENTAL POLICY: ACHIEVING A SUSTAINABLE SOCIETY	
<hr/>	
7 THE ENVIRONMENT AS A POLICY PROBLEM	161
Core characteristics of the environment as a policy problem	162
The traditional policy paradigm	169
Political obstacles to change	170
Achieving policy change	178
Conclusion	191
8 SUSTAINABLE DEVELOPMENT AND ECOLOGICAL MODERNISATION	194
Sustainable development	195
Ecological modernisation: the practical solution?	211
Conclusion	221
9 INTERNATIONAL ENVIRONMENTAL POLITICS	224
The paradox of international co-operation	226
Environmental regimes: the ozone and climate change treaties	228
Accounting for regimes	237
Implementation	244
International environmental politics and sustainable development	249
Conclusion	253
10 GREENING GOVERNMENT	256
Integration	257
Planning	271

Democracy and participation	278
Conclusion	282
11 POLICY INSTRUMENTS AND IMPLEMENTATION	284
Regulation and regulatory styles	286
Voluntary action	292
Government expenditure	294
Market-based instruments	295
Policy instruments and climate change	303
Conclusion	310
12 CONCLUSION	315
References	323
Index	348

Figures

2.1	What entities have value?	19
3.1	The technocentric-ecocentric continuum	74
3.2	Mapping ecologism	74

Tables

4.1	Electoral performance of green parties in EU member states	85
4.2	The green vote in the European elections, 1999	102
6.1	Membership of selected US environmental groups	132
6.2	Membership of selected UK environmental organisations	133
6.3	A typology of non-partisan political organisations	134
6.4	Types of impact of environmental pressure groups	150
8.1	A possible map of the sustainable transition	201
9.1	Some major multilateral environmental treaties	226
9.2	Environmental disasters and environmental refugees, 1998	227
9.3	Ozone protection – key developments	230
9.4	Climate change – key developments	233

Boxes

1.1	Evolution of environmental issues	4
2.1	Defining value	15
2.2	The roots of anthropocentrism	16
2.3	A typology of environmental philosophy	17
2.4	Mechanistic v. holistic perspectives	19
2.5	The eight-point platform of deep ecology	20
2.6	Preservationism and conservationism	27
3.1	Survivalism: leviathan or oblivion?	42
3.2	Population growth	43
3.3	Obligations to future generations	45
3.4	The 'four pillars' of green politics	46
3.5	Greens and technology	47
3.6	Is non-violence a green principle?	52
3.7	Defining social justice	59
3.8	The technocentric-ecocentric dimension	73
4.1	New social movements	87
4.2	Measuring postmaterialism	90
5.1	Michels's theory of oligarchy	109
5.2	The <i>fundi-realo</i> division	111
5.3	How democratic is the 'anti-party party'?	112
5.4	The political programme of the 1998 German red-green coalition	114
5.5	Ralph Nader in the 2000 presidential election	121
5.6	Environmental partisanship in the USA	122
6.1	Institutionalisation	135
6.2	The changing nature of environmental pressure: solution-led campaigning	140
6.3	Lessons of Brent Spar	141
6.4	The environmental justice movement	145
6.5	The repertoire of environmental protest	147
7.1	The Tragedy of the Commons	164
7.2	Genetically modified food crops and scientific uncertainty	166
7.3	The three dimensions of power	171
7.4	Defining policy change	179

7.5	Downs's Issue Attention Cycle	180
7.6	GM crops and agenda-setting	181
7.7	The EU packaging waste directive	183
7.8	German nuclear shutdown?	190
8.1	The Brundtland Commission	196
8.2	<i>Agenda 21</i>	196
8.3	Commission on Sustainable Development	197
8.4	Core elements of sustainable development	198
8.5	Sustainable consumption	204
8.6	Equity and the elephant	206
8.7	Six rules for a precautionary world	208
8.8	Eco-labelling: the limited appeal of ecological modernisation?	220
9.1	Regime terminology	229
9.2	The Global Environment Facility	234
9.3	The Kyoto Protocol	235
9.4	Why no global forestry convention?	252
10.1	Forms of integration	258
10.2	The US Environmental Protection Agency	261
10.3	The European Union: from traditional paradigm to sustainable development?	272
10.4	Local Agenda 21 in Sweden: a qualified success?	276
10.5	Headline indicators of sustainability	277
10.6	Opposition to wind power: democracy or NIMBYism?	281
11.1	Market-based instruments	296
11.2	Eco-taxes and the double dividend	297
11.3	Some successful eco-taxes	300
11.4	The contradictions in UK energy policy	305
11.5	Transport and climate change	307

Before the late 1960s, the environment had a relatively insignificant place on the political agenda; today, it is one of the most challenging, contested and important subjects in politics. This rise to prominence reflects a widespread public concern about the state of the environment; indeed, the idea that the planet is confronting an eco-crisis that may threaten the very existence of life as we know it has wide currency. The lifestyle choices of many people are increasingly shaped by environmental considerations: they eat organic produce, they cycle to work and they invest their savings 'ethically'. As citizens, by joining environmental groups or voting for green parties, they put pressure on governments to protect the environment. The mainstream environmental movement is an important actor in national and international politics, while the dramatic stunts of eco-warriors have become a familiar part of the political repertoire. Green parties, particularly in Europe, are now an established feature of party politics and have even joined coalition governments in several of the most powerful countries in the world. Established parties have also adopted greener policies because every government, irrespective of political hue, is obliged to address a wide range of environmental problems. Most countries are, at least formally, committed to the principles of **sustainable development**, and the search for international co-operation to resolve global environmental problems such as **climate change** has become a central concern of international diplomacy. In short, the environment is now firmly on the political agenda in most industrialised countries.

Nevertheless, environmentalists frequently despair over how little actually seems to have changed. The overall state of the environment in most countries continues to deteriorate, despite some successes such as the reduction of some forms of air pollution. Not least, evidence suggests that climate change, probably the most serious contemporary global environmental problem, is gathering pace (IPCC 2001), while other global problems, such as **biodiversity** loss, rainforest depletion and desertification rapidly deteriorate. The litany of eco-disasters – ranging from natural disasters such as floods and droughts, through oil-tanker spillages and nuclear accidents, to the indirect effects of NATO bombing in Serbia – rolls inexorably on. Meanwhile, global capitalism and consumerist

Sustainable development:

The ability of the present generation to meet its needs without undermining the ability of future generations to meet their needs.

Climate change:

Any change in climate over time, whether due to natural variability or to human activity.

Biodiversity:

The number, variety and variability of living organisms; sometimes refers to the total variety of life on Earth.

Party politicisation:

A process whereby the environment ascends the political agenda to become electorally salient and the subject of party competition.

lifestyles grow ever more demanding on the environment. People want more goods, they maintain a love affair with their cars and they are wedded to a 'throwaway' culture that results in landfill sites piled high with plastic bottles and obsolete computers. Compared to entrenched business interests and technocratic elites, the environmental movement wields only a marginal influence over key policy decisions. Despite the growing **party politicisation** of environmental issues, electoral politics is still dominated by economic and materialist issues. Governments frequently talk 'green' but, in practice, usually give priority to economic growth over environmental protection. It seems that the sustainable society is still a distant dream.

It is a fascinating – and frustrating – feature of environmental politics that both the above perspectives contain a good deal of truth. There is no doubt that environmental issues have had a big impact on contemporary politics, and yet the frequency with which governments adopt a business-as-usual response to environmental problems raises the cynical thought that perhaps nothing much has really changed. This puzzle is one of many challenges confronting environmental politics, which has rapidly become an established subject of political enquiry and a regular part of the university curriculum.

The rationale behind this book is that environmental politics is a distinctive subject that is worthy of study both in its own right and also for the challenges it poses for the wider discipline of politics. Environmental politics is a wide-ranging subject with three core components:

1. the study of political theories and ideas relating to the environment;
2. the examination of political parties and environmental movements;
3. the analysis of public policy-making and implementation affecting the environment at international, national and local levels.

The broad aim of this book is to provide an introduction to environmental politics that covers all three aspects of this rapidly expanding subject. The primary focus of the book is on environmental politics in the industrialised world. It is the affluent industrialised countries of Europe and North America that are largely responsible for causing contemporary environmental problems and it is essential that they take the lead in solving them. Much of the substance of environmental politics – ideas and theories, parties and movements, policy initiatives – is rooted in the industrialised world too. Although North–South issues and development themes regularly surface in the book, for reasons of substance, practicality and space, the book has a primary focus on advanced industrialised countries.¹ The rest of this introduction identifies the distinctive features of environmental politics and explains the structure of the book.

So, in what ways is environmental politics distinctive? One distinguishing characteristic is that it has a primary concern with the relationship between human society and the natural world. This human–nature relationship connects the extraordinarily diverse set of issues encompassed by

environmental politics, which include wilderness preservation and nature conservation, numerous forms of air, water and land pollution, the depletion of scarce resources such as fish stocks, rainforests and endangered species, the use of nuclear power and biotechnology, and ‘global’ issues such as biodiversity loss, climate change and **ozone depletion**. Traditionally, many of these issues were (and often still are) treated discretely as separate policy problems. The increasing tendency to conceptualise these problems as ‘environmental’ reflects the emergence of an environmental discourse, or way of thinking about the world, which has given coherence and political significance to the notion of ‘the environment’. Underpinning this discourse is a **holistic** perspective which, rather than examining individual issues in isolation, focuses on the interdependence of environmental, political, social and economic issues and the way in which they interact with each other.

At this point it is important to provide some historical context because the emergence of this wider environmental discourse is a relatively recent development. Of course, many of the problems that we now regard as environmental, such as pollution, deforestation and land degradation, are not new. In the classical world, Plato, Lucretius and Caesar all commented on the problem of soil erosion (Wall 1994: 2–3). The collapse of the Mayan civilisation hundreds of years ago can probably be attributed to deforestation and soil erosion (Ponting 1992). Much later, however, it was the industrial and scientific revolutions of the eighteenth and nineteenth centuries that really created the conditions for contemporary concern about the environment. In particular, the process of industrialisation contributed to environmental degradation by accelerating resource consumption, urban development and pollution. One of the earliest examples of what we would now call environmental legislation was the 1863 Alkali Act in Britain, whilst in the USA the first legal action against air pollution occurred in 1876 in St Louis (Paehlke 1989: 23). The first wave of concern about environmental issues can be traced to the emergence of conservation and nature protection groups in the latter part of the nineteenth and the early twentieth centuries, reflecting a growing middle-class interest in the protection of wildlife, wilderness and natural resources (Lowe and Goyder 1983). Several leading pressure groups, including the Sierra Club in the USA, the Royal Society for the Protection of Birds in the UK, and the Naturschutzbund Deutschland in Germany, date from this period. The **conservationist** movement established a firm base through the twentieth century as most countries saw a gradual accumulation of policies affecting various ‘environmental’ issues, ranging from the regulation of industrial pollution to the creation of national parks. Nevertheless, it was not until the emergence of ‘**modern environmentalism**’ – the wave of popular concern about environmental issues that swept across the developed world during the 1960s – that the environmental discourse became widespread (Pepper 1996) (see Box 1.1).

Ozone depletion:

Depletion of ozone in the Earth’s upper atmosphere which leaves the surface of the Earth vulnerable to harmful ultraviolet radiation.

Holism: The view that wholes are more than just the sum of their parts, and that wholes cannot be defined merely as a collection of their basic constituents.

Conservationism:

An approach to land management that emphasises the efficient conservation of natural resources so that they can later be developed for the benefit of society.

Modern environmentalism:

The emergence, from the late 1960s, of growing public concern about the state of the planet, new political ideas about the environment and a mass political movement.

1.1 Evolution of environmental issues

First generation: preservation and conservation (pre-1960s)

Protection of wildlife and habitats

Soil erosion

Local pollution

Second generation: 'modern environmentalism' (from 1960s)

Population growth

Technology

Desertification

Pesticides

Resource depletion

Pollution abatement

Third generation: global issues (late 1970s onwards)

Acid rain

Ozone depletion

Rainforest destruction

Climate change

Loss of biodiversity

Genetically modified organisms

Preservationism:

An approach based on an attitude of reverence towards nature, especially wilderness, that advocates the protection of a resource from any form of development.

The rise of modern environmentalism highlights a second distinctive feature of the environment as a political subject which is that, unlike most other single issues, it comes replete with its own ideology and political movement (Jacobs 1997: 1). An awareness of historical context is again important, for neither a green ideology nor an environmental movement existed before the late 1960s. Modern environmentalism differed from the earlier **preservationist** and conservationist movements in two important ways (McCormick 1989: ch. 3). First, it was driven by the idea of a global ecological crisis that threatened the very existence of humanity. The atomic age had brought home the fragility of planet Earth.

This perception was nurtured by a series of well-publicised eco-disasters, notably the massive oil spillages from the wrecked *Torrey Canyon* tanker off the Cornish coast in 1967, the blow-out of an oil platform at Santa Barbara, California, two years later, and the mercury poisoning of Minamata Bay in Japan. Following Rachel Carson's 1962 best-seller, *Silent Spring*, which alerted the world to the danger posed by the synthetic chemicals used in pesticides such as DDT, advances in scientific knowledge were increasingly catapulted from closed academic circles into the public arena. Fierce public debates about the consequences of population growth, technology and resource depletion encouraged people to think increasingly in global terms about the environment (Ehrlich 1968; Commoner 1971; Meadows et al. 1972). Secondly, modern environmentalism was a political and activist mass movement which demanded a radical transformation in the values and structures of society. It was influenced by the broader 'politics of affluence' and the general upsurge in social movement protest at that time. Modern environmentalism came of age on 22 April 1970 when millions of Americans celebrated and protested on Earth Day, which remains the largest environmental demonstration in history. The burgeoning environmental movement certainly helped to popularise the environmental discourse. Governments set up environmental ministries and agencies and introduced swathes of new legislation to protect the environment. The watershed 1972 UN Stockholm conference, which examined how a range of global environmental problems affected human life, marked the entry of the environment onto the international agenda. Thus, by the early

1970s, the component parts of environmental politics had started to take shape: the appearance of new political ideas and ways of thinking about the environment; the rise of a mass environmental movement; and the creation of a new policy agenda.

These three core components of environmental politics provide the framework for this book, which is divided into three parts to reflect the distinctive contribution made by each area of study: ideas; parties and movements; and policy.

Part I explores different ways of thinking about the environment. A major theme of the book is to explore whether there is now a sufficiently comprehensive and distinctive view of environmental issues to talk in terms of a green political ideology, or '**ecologism**' (Dobson 2000). In particular, green political thought offers two important insights. One is the belief that we need to reconceptualise the relationship between humans and nature, which prompts many important questions about which parts of nature, if any, have value, on what basis that value may be attributed and whether such value is equal to that of humans. A further critical insight is the conviction that the Earth's resources are finite and that there are ecological **limits to growth** which, unless we change our ways, will sooner rather than later be exceeded. Radical greens draw the conclusion that we need a fundamental reassessment of our value systems and a restructuring of existing political, social and economic systems in order to achieve an ecologically sustainable society. Part I assesses this claim that ecologism is a distinctive ideology. Chapter 2 provides an introduction to environmental philosophy by exploring ethical questions about how humans ought to think about and act towards nature. Chapter 3 outlines and analyses the green political programme and assesses the relationship between green ideas and other political ideologies.

Part II turns to the question of how we get to a sustainable society, with a focus on collective action. Environmental activism is now a very broad church. Green parties have become established in several countries and there are many 'environmentalists' operating with established political parties. Beyond parties, the contemporary environmental movement now encompasses mass membership pressure groups such as the Sierra Club, international non-governmental organisations (NGOs) such as Greenpeace and Friends of the Earth, thousands of local grassroots groups and radical protest groups such as Earth First! Whether by directly influencing the policy process or indirectly raising public consciousness about environmental issues through media campaigns and protest activities, the environmental movement has become a significant political actor and agent of change. In Chapter 4 the rise of green parties is examined in the context of the claim that they represent a '**new politics**'. A range of structural and institutional factors is explored to explain why green parties have achieved electoral success in some countries, but failed elsewhere, with a particular focus on Germany, France and Britain. Chapter 5 investigates

Ecologism: A distinctive green political ideology encompassing those perspectives that hold that a sustainable society requires radical changes in our relationship with the non-human natural world and our mode of economic, social and political life.

Limits to growth: The belief that the planet imposes natural limits on economic and population growth.

New politics: The view that since the late 1960s the rise of postmaterial values, a new middle class and new social movements has changed the political agenda and led to a realignment of established party systems.

the impact of environmental issues on party politics. It looks first at the way green parties, notably the German Greens, have dealt with the transition from pressure politics to parliamentary respectability and now into government; it then assesses the impact of environmentalism on established parties, through case studies of Germany, Britain and the USA. Chapter 6 explores the development and achievements of environmental groups, particularly in the USA and Britain, using the dynamic tension between the large, mainstream environmental lobby and grassroots action as a means of exploring some central questions of green agency, or how to achieve political change.

Policy paradigm: A framework of ideas and standards that specifies the nature of a problem and the policy goals and instruments needed to address it.

Ecological modernisation: A policy strategy which aims to restructure capitalist political economy along more environmentally benign lines based on the assumption that economic growth and environmental protection can be reconciled.

Precautionary principle: The principle that the lack of scientific certainty shall not be used as a reason for postponing measures to prevent environmental degradation.

Eco-tax: A tax levied on pollution or on the goods whose production generates pollution.

Finally, Part III is concerned with environmental policy; specifically, it examines progress towards the implementation of sustainable development. Whilst governments may be deaf to the radical message of ecologism, many have been influenced by the alternative **policy paradigms** of sustainable development and **ecological modernisation** which offer the promise of protecting the environment by reforming capitalism. As a result, radical ideas like the '**precautionary principle**', and innovative policy instruments such as **eco-taxes**, have begun to appear on the policy agenda. At an international level, the search for solutions to global environmental problems has engendered unprecedented efforts to secure widescale international co-operation between independent sovereign states to solve problems such as ozone depletion. However, policy-makers have discovered that environmental issues pose distinctive and pressing problems. Chapter 7 explores the environment as a policy problem, identifying its distinguishing characteristics and outlining the **traditional policy paradigm**, which has proved unable to cope with the range and intensity of contemporary environmental problems. The resilience of this traditional paradigm is explained by the structural power that capitalism gives to producer interests and by the segmentation of the policy process, but the chapter also explores a range of policy models and frameworks that can help make sense of environmental policy-making and show how change is possible. Chapter 8 analyses the strengths and weaknesses of the alternative policy paradigms of sustainable development and ecological modernisation, and the remaining chapters evaluate how far they have been implemented. Chapter 9 looks at the emergence of international co-operation between nation states intended to address problems of the global commons, with detailed studies of climate change and ozone depletion. Chapter 10 investigates progress towards greener government by examining how far environmental policy considerations have been integrated into routine policy-making processes. Chapter 11 analyses the strengths and weaknesses of different policy instruments, concentrating on the key debate between the competing claims of **regulatory** and **market-based instruments**, with particular studies of climate change policies in the energy and transport sectors.

Throughout Parts II and III an informal comparative approach is employed. It is informal in the sense that it makes no attempt to follow a rigorous comparative methodology; but it is comparative in that it uses examples and case studies from several different countries, mostly from Europe, the USA and Australasia, to illustrate the arguments.

Another key theme of the book is that environmental politics, in addition to being a distinctive and fascinating subject worthy of study in its own terms, is also interesting and important because it challenges established political discourses, political behaviour and policy agendas. Thus the growing significance of environmental politics has seen political philosophers extend mainstream theories of justice to consider whether non-human nature or future generations of humans have interests or rights or are owed obligations. Political ideologies, including conservatism, liberalism, socialism, anarchism and feminism, have had to respond to the environmental challenge, giving rise to several new hybrid concepts, such as ecosocialism and ecofeminism. Where green parties have achieved electoral success, they have destabilised long-standing party alliances and voting patterns. The growing legitimacy and influence of environmental groups has frequently disrupted established policy networks and challenged the influence of producer interests over the policy process. The sustainable development paradigm forces governments to rethink the way they make policy. Traditional Realist accounts of international relations struggle to account for the growth of co-operation and collective action to prevent environmental degradation. The book will show how the rise of environmental politics has therefore been responsible for a widespread re-examination of established assumptions, interpretations and beliefs about contemporary political ideas and behaviour.

Conversely, core political ideas inform our understanding of environmental politics. Concepts such as justice, democracy and equity are central to green political theory. For example, an analysis of the green commitment to participatory democracy can draw on a rich literature on democratic theory and practice. The political science literature on new politics and **postmaterialism** offers important insights about the development of the environmental movement. The study of environmental policy-making is incomplete without concepts and frameworks drawn from the public policy literature, such as agenda-setting theory or policy network analysis.

Some familiar political dichotomies also resurface. Is the state or the market the more effective means of achieving environmental policy outcomes? Are centralised or decentralised political structures better at dealing with environmental problems? Most importantly, in debating how to achieve a sustainable society, greens confront the familiar dilemma of reformism versus radicalism. Should environmental activists pursue an evolutionary reform of the capitalist system by getting elected to parliament, or should they seek nothing less than a radical transformation

Traditional policy paradigm:

An approach to the environment that treats each problem discretely, gives priority to economic growth and results in reactive, piecemeal and tactical policies and end-of-pipe solutions.

Regulation:

Any direct ('command and control') attempt by the government to influence the behaviour of businesses or citizens by setting environmental standards (e.g. for air quality) enforced via legislation.

Market-based instrument:

A policy instrument which internalises into the price of a good or product the external costs to the environment of producing and using it.

Postmaterialism:

The theory that, as material affluence spreads, 'quality of life' issues and concerns tend to replace material ones, fundamentally changing the political culture and values of industrialised countries.

Green consumerism:

The use of environmental and ethical criteria in choosing whether or not to purchase a product or service.

Social justice: The principles that should govern the basic structure of a society, focusing on the distribution of rights, opportunities and resources among human beings.

of the system? Should groups adopt conventional or unconventional forms of protest? Is collective action (through green parties and pressure groups) or individual action (by changing lifestyles and **green consumerism**) more effective? In returning to some of these themes in the concluding chapter, I argue that, as the environment has become an increasingly mainstream issue, so the centre of gravity in environmental politics has shifted from a *radical* rejection of contemporary society and a relatively *narrow* concern with ecological issues, to a *reformist* acceptance of capitalist liberal democracy accompanied by a *broader social justice* agenda.

Further reading and websites

Ponting (1992) is a very readable environmental history of the world. Grove (1995) offers a fascinating account of the early history of environmentalism as part of colonial expansion. Wall (1994a) provides an interesting anthology of early green writings. For a history of the rise of environmentalism, see McCormick (1989). For a balanced assessment of the state of the environment, see the annual publications by the World Resources Institute (<http://www.wri.org/>), the wide range of publications by the United Nations Environment Programme, notably its State of the Global Environment Report (<http://www.unep.org/SGE/>) and, for Europe, the excellent reports from the European Environment Agency (see www.eea.eu.int). There are also countless books and articles outlining and seeking to explain the environmental crisis, including Pickering and Owen (1994), McMichael (1995), Barrow (1995) and Lester Brown's annual State of World reports for new developments.

Note

1. Bryant and Bailey (1997) is a good introduction to environmental issues in less developed countries. Escobar (1995) offers an interesting and provocative analysis of development issues. See Miller (1995) for the role of third world countries in international environmental politics.