

Foreword

CONTENTS

PART I THE WEALTH OF THE POOR	
CHAPTER 1 NATURE, POWER, AND POVERTY THE POWER AND POWER	3
■ Linking Ecosystems, Governance, and Poverty	4
	5
■ Growth Alone Is Not Enough	11
■ Environment Matters to the Poor	12
Nature as an Economic Stepping Stone Nature 1 Stepping Stone	16
Better Governance Is Vital for Higher Incomes	19
■ The Environment as a Route to Democratic Governance	25
■ Linking Environment and Governance in the Global Poverty Fight	26
■ From Vulnerability to Wealth	27
The removement of the removeme	anctivnia na
CHAPTER 2 ECOSYSTEMS AND THE LIVELIHOODS OF THE POOR	33
■ How Important is Environmental Income?	34
■ Common Pool Resources as a Source of Environmental Income	39
■ Who Gets More Environmental Income: Rich or Poor?	41
■ Environmental Income by Ecosystem	45
■ The Role of Livestock	50
■ The Social Benefits of Ecosystems	51
■ Building on the Strength of Ecosystems	52
CHAPTER 3 THE ROLE OF GOVERNANCE	55
■ Resource Tenure and Property Rights: Access and Ownership	56
■ Decentralization: Can It Help the Poor?	62
■ The Rights to Information, Participation, and Justice: The Importance of a Voice	70
CHAPTER 4 FOUR STEPS TO GREATER ENVIRONMENTAL INCOME	79
1 More Income Through Better Ecosystem Management	80
■ Better Management Requires an Ecosystem Approach	80
■ Income Benefits of Better Management	81
2 Getting the Governance Right: Empowering the Poor to Profit from Nature	83
■ Securing Property and Resource Rights through Tenure Reform	83
■ Poor-Friendly Decentralization: Community-Based Natural Resource Management	87
■ Keeping Community-Based Management Pro-Poor	89
■ A Continuing Role for the State	92
3 Commercializing Ecosystem Goods and Services	97
■ Provide Marketing Assistance	97
 Understand the Limitations of Transportation 	98
■ Make Credit Available	98



WORLD RESOURCES 2005

■ Capture Greater Value

Partner with the Private SectorKeep Sustainability in Mind		101 105
4 Augmenting Nature's Income Stream: Paym ■ The Challenges of Pro-Poor PES	ent for Environmental Services	105 108
Beyond Environmental Income		109
CHAPTER 5 TURNING NATURAL ASSI	ETS INTO WEALTH: CASE STUDIES	113
Nature in Local Hands: The Case for Namibia	's Conservancies	114
■ More Water, More Wealth in Darewadi Village		124
Regenerating Woodlands: Tanzania's HASHI P	roject.	131
Bearing Witness: Empowering Indonesian Cor		139
Village by Village: Recovering Fiji's Coastal F	isheries	144
SPECIAL SECTION GLOBAL DEVELO	PMENT POLICIES:	
MAKING MDGs AND PRSPs WORK FOR	THE POOR AND THE ENVIRONMENT	153
The Millennium Development Goals		154
A Break from the Past		154
For Environment and Governance, More of the S	ame	154
Focused on the Wrong Nature		154
 Getting the Targets and Indicators Right Encouraging Environment and Governance as C 	ross-Cutting Themes	157 160
	and Covernesses in the Global Foverty Fight	162
		102
Poverty Reduction Strategies (PRSPs) Also in Need of an Environmental Overhaul		162
 Also in Need of an Environmental Overhaul 	Unfulfilled Promise	162 163
Also in Need of an Environmental Overhaul"Mainstreaming" the Environment in PRSPs: The		162 163 165
 Also in Need of an Environmental Overhaul 		163
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco 		163 165
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco 		163 165
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco 		163 165
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES		163 165 170
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education	me in PRSPs smoont latinamonivina to soluce a 25 284	163 165 170
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health	me in PRSPs smoont fathemorival to source a 25 25 25 25 25 25 25 25 25 25 25 25 25	163 165 170 176 180
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health 3 Gender and Development	me in PRSPs smoont latinamonivina to soluce a 25 284	163 165 170 176 180 184
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty 	enonmental income ses as a Source of Environmental Income nemental Income. Rich of Poort by Ecosystems ch of Ecosystems Property Rights: Access and Ownership If Help the Poort	163 165 170 176 180 184 188
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows 	me in PRSPs see as a Source of Environmental Income namental Income. Rich or Poors oby Ecosystems oue of Ecosystems oue of Ecosystems oue of Ecosystems oue of Ecosystems	163 165 170 176 180 184 188 192
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance 	enonmental income ses as a Source of Environmental Income nemental Income. Rich of Poort by Ecosystems ch of Ecosystems Property Rights: Access and Ownership If Help the Poort	163 165 170 176 180 184 188 192 196
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy 	enonmental income ses as a Source of Environmental Income nemental Income. Rich of Poort by Ecosystems ch of Ecosystems Property Rights: Access and Ownership If Help the Poort	163 165 170 176 180 184 188 192
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance 	enonmental income ses as a Source of Environmental Income nemental Income. Rich of Poort by Ecosystems ch of Ecosystems Property Rights: Access and Ownership If Help the Poort	163 165 170 176 180 184 188 192 196 200
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy Climate and Atmosphere 	enonmental income ses as a Source of Environmental Income nemental Income. Rich of Poort by Ecosystems ch of Ecosystems Property Rights: Access and Ownership If Help the Poort	163 165 170 176 180 184 188 192 196 200 204
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES Part II Data Tables Population and Education Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy Climate and Atmosphere Water Resources and Fisheries	Response of Environmental Income The control of Ecosystems The property Rights Access and Ownership The propert	163 165 170 176 180 184 188 192 196 200 204 208
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy Climate and Atmosphere Water Resources and Fisheries 10 Biodiversity 	Response of Environmental Income The control of Ecosystems The property Rights Access and Ownership The propert	163 165 170 176 180 184 188 192 196 200 204 208 212
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy Climate and Atmosphere Water Resources and Fisheries Biodiversity Land Use and Human Settlements 	Response of Environmental Income The control of Ecosystems The property Rights Access and Ownership The propert	163 165 170 176 180 184 188 192 196 200 204 208 212 216
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES 1 Population and Education 2 Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy Climate and Atmosphere Water Resources and Fisheries Biodiversity Land Use and Human Settlements 	Response of Environmental Income The control of Ecosystems The property Rights Access and Ownership The propert	163 165 170 176 180 184 188 192 196 200 204 208 212 216
 Also in Need of an Environmental Overhaul "Mainstreaming" the Environment in PRSPs: The Upgrading the Treatment of Environmental Inco Steps toward More Effective PRSPs PART II DATA TABLES Part II DATA TABLES Population and Education Human Health Gender and Development Income and Poverty Economics and Financial Flows Institutions and Governance Energy Climate and Atmosphere Water Resources and Fisheries 10 Biodiversity 11 Land Use and Human Settlements 12 Food and Agriculture	Response of Environmental Income The control of Ecosystems The property Rights Access and Ownership The propert	163 165 170 176 180 184 188 192 196 200 204 208 212 216 220

99