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Chapter 9 The influence of land-use change and landscape dynamics on the climate system: relevance to climate-change policy beyond the radiative effect of greenhouse gases Chapter 10 Economic, biological and policy constraints on the adoption of carbon farming in temperate regions; Chapter 11 The role of sustainable agriculture and renewable-resource management in reducing greenhouse-gas emissions and increasing sinks in China and India; Chapter 12 Social capital from carbon property: creating equity for indigenous people Chapter 13 Species survival and carbon retention in commercially exploited tropical rainforest Chapter 14 Animal conservation, carbon and sustainability; Chapter 15 Collateral biodiversity benefits associated with 'free market' approaches to sustainable land use and forestry activities; Chapter 16 Developing markets for forest environmental services: an opportunity for promoting equity while securing efficiency?; Part 3 The Future Model; Chapter 17 Carbon sinks and emissions trading under the Kyoto Protocol: a legal analysis Chapter 18 Protecting terrestrial ecosystems and the climate through a global carbon market Chapter 19 designing a carbon market that protects forests in developing countries; Chapter 20 Greenhouse-gas-trading markets; Index

Sommario/riassunto

For decades conservation has been based on the donor-driven principle. It hasn't worked. For centuries, environmental pollution or degradation has been addressed by the same attitude: the 'Polluter Pays' principle. That hasn't worked either. The cycle has to stop. But while everyone talks about using a market-driven approach, few know how to do it. Faced with the situation on the ground what do you do? What is happening? How can you engage a system so that it is self-sustaining and the people self-motivated? This study explores how the growing market in carbon can help to conserve carbon-based
