

1. Record Nr.	UNINA9910453010403321
Titolo	Ecosystem services from agriculture and agroforestry : measurement and payment // edited by Bruno Rapidel. [et al.]
Pubbl/distr/stampa	Washington, D.C. : , : Earthscan, , 2011
ISBN	1-280-87574-7 9786613717054 1-136-53761-9 1-136-53760-0 1-84977-565-6
Descrizione fisica	1 online resource (449 p.)
Altri autori (Persone)	RapidelBruno
Disciplina	630.208/6 630.2086
Soggetti	Agriculture - Environmental aspects Agroforestry - Environmental aspects Agricultural ecology Ecosystem services Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ecosystem Services from Agriculture and AgroforestryMeasurement and Payment; Copyright; Contents; List of Figures, Tables and Boxes; List of Contributors; Foreword I; Foreword II; List of Acronyms and Abbreviations; Introduction; Part I: Measuring Ecosystem Services; 1 Principles and Methods for Assessing Climate Change Mitigation as an Ecosystem Service in Agroecosystems; 2 Quantifying Services and Identifying Watershed Priority Areas for Soil and Water Conservation Programmes; 3 Measuring Biodiversity 4 Ecological Mechanisms for Pest and Disease Control in Coffee and Cacao Agroecosystems of the Neotropics5 Services from Plant-Pollinator Interactions in the Neotropics; 6 Ecological Indexing as a Tool for the Payment for Ecosystem Services in Agricultural Landscapes: The Experience of the GEF-Silvopastoral Project in Costa Rica, Nicaragua and Colombia; Part II: Marketing Ecosystem Services; 7 Estimating the

Cost and Benefits of Supplying Hydrological Ecosystem Services: An Application for Small-Scale Rural Drinking Water Organizations  
8 Developing a Business Plan for Forestry and Other Land Use-Based Carbon Projects  
9 A Functional Anatomy of the Project-Based Carbon Markets; 10 The Value of Biodiversity in Agricultural Landscapes; 11 PES and Eco-Label: A Comparative Analysis of Their Limits and Opportunities to Foster Environmental Services Provision; Part III: From Theory to Practice: Tales of Success and Lessons Learned; 12 Leveraging and Sustainability of PES: Lessons Learned in Costa Rica; 13 The Mexican PES Programme: Targeting for Higher Efficiency in Environmental Protection and Poverty Alleviation  
14 Assessing the Impact of Institutional Design of Payments for Environmental Services: The Costa Rican Experience  
15 Certification Process in the Coffee Value Chain: Achievements and Limits to Foster Provision of Environmental Services; 16 Securing the Continuous Supply of Drinking Water in a Territory Requires Concerted Actions and Integrating Intervention Strategies: A Case Study in Copan Ruinas, Honduras; 17 Payment for Environmental Services: Perfecting an Imperfect Market by Building up Environmental Solutions  
18 Measurement and Payment of Ecosystem Services from Agriculture and Agroforestry: New Insights from the Neotropics  
Index

---

Sommario/riassunto

Agricultural systems are no longer evaluated solely on the basis of the food they provide, but also on their capacity to limit impacts on the environment, such as soil conservation, water quality and biodiversity conservation, as well as their contribution to mitigating and adapting to climate change. In order to cope with these multiple service functions, they must internalize the costs and benefits of their environmental impact. Payments for ecosystem services are hoped to encourage and promote sustainable practices via financial incentives. The authors show that while the principle is straight

---