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Nota di contenuto	Chapter 1. Biomass Production Potentials under Temperate Agroforestry Systems as Influenced by Selected Sustainability Indicators: A Case Study Approach with Supportive Evidence -- Chapter 2. Management Practices vis-a-vis Agroforestry for the Improvement of Rangelands of Jammu and Kashmir in Northwestern Himalaya, India -- Chapter 3. The Influence of Over-mature, Degraded Nothofagus Forests with Strong Anthropic Disturbance on the Quality of an Andisol and Its Gradual Recovery with Silvopasture in Southwestern South America -- Chapter 4. Assessment of Trees Outside Forests (TOF) with Emphasis on Agroforestry Systems -- Chapter 5. Agroforestry Interventions for Rehabilitating Salt-affected and Waterlogged Marginal Landscapes -- Chapter 6. Silvopasture Options for Enhanced Biological Productivity of Degraded Pasture/Grazing Lands: An Overview -- Chapter 7. Potential of Agroforestry for Rehabilitation of Degraded Ravine Lands -- Chapter 8. Urban and Peri-urban Agroforestry: Utilization of Waste Water and Degraded Landscapes forEnvironmental and Livelihood Security -- Chapter 9. Agroforestry Approach for Rehabilitation of Mine Spoils -- Chapter 10. The Role of Tree Plantations forImproving Soil Fertility and Carbon Sequestration on Coal Mine Spoils -- Chapter 11. Carbon Sequestration Potential of Agroforestry Systems for Rehabilitating

Degraded Lands of India -- Chapter 12. Sustainability of Faidherbia albida-based Agroforestry in Crop Production and Maintaining Soil Health -- Chapter 13. Characterization of Faidherbia albida and Prosopis africana Trees Wood Anatomy and Response to Climate Variability Using Dendrochronology in the Sahelian Agroforestry Parklands -- Chapter 14. Lac-based Agroforestry System for Degraded Lands in India -- Chapter 15. The Role of Insects in Enhancing Ecosystem Services of Tree-based Systems on Degraded Lands -- Chapter 16. Promoting Bamboo-based Agroforestry for Enhancing Ecosystem Services from Degraded Lands -- Chapter 17. Agroforestry Developments for Degraded Landscapes: A Synthesis.

Sommario/riassunto

This book presents various aspects of agroforestry research and development, as well as the latest trends in degraded landscape management. Over the last four decades, agroforestry research (particularly on degraded landscapes) has evolved into an essential problem-solving science, e.g. in terms of sustaining agricultural productivity, improving soil health and biodiversity, enhancing ecosystem services, supporting carbon sequestration and mitigating climate change. This book examines temperate and tropical agroforestry systems around the world, focusing on traditional and modern practices and technologies used to rehabilitate degraded lands. It covers the latest research advances, trends and challenges in the utilization and reclamation of degraded lands, e.g. urban and peri-urban agroforestry, reclamation of degraded landscapes, tree-based multi-enterprise agriculture, domestication of high-value halophytes, afforestation of coastal areas, preserving mangroves and much more. Given its scope, the book offers a valuable asset for a broad range of stakeholders including farmers, scientists, researchers, educators, students, development/extension agents, environmentalists, policy/decision makers, and government and non-government organizations.