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Nota di contenuto	-- Chapter 1: Land Degradation Neutrality: Concept and Strategies -- Chapter 2: Global Efforts and Framework for Biodiversity Conservation -- Chapter 3: Bridging Horizons: Global Biodiversity Framework and Land Degradation Neutrality -- Chapter 4: Biodiversity Conservation and Land Degradation Neutrality - Need of Synthesis in Policy and Practices -- Chapter 5: An Overview of Assessment Methods and Factors Involved for Sustainable Land Management and Land Degradation Neutrality -- Chapter 6: Pixel to Preservation: Harnessing Remote Sensing and GIS for Biodiversity Conservation -- Chapter 7: Impact of Anthropogenic Activities on Biodiversity Conservation and Land degradation of Rema-Kalenga Wildlife Sanctuary, Sylhet, Bangladesh -- Chapter 8: Forest Fires and Land Degradation -- Chapter 9: Land Management for Biodiversity Conservation and Sustainable Development Goals -- Chapter 10:Role of Sustainable Land Management Practices in Biodiversity Conservation -- Chapter 11:Soil

Stewardship: Integrating Eco-Holistic Approaches for Land Degradation Neutrality and Sustainable Development Goals (SDGs) -- Chapter 12: Combating Land Degradation and Desertification through Forestry Interventions -- Chapter 13:Community-Centric Approaches for Land Degradation Neutrality and Biodiversity Conservation -- Chapter 14: Indigenous Knowledge and Community Involvement in Sustainable Ecosystem Management in Sri Lanka: Insights and Future Directions -- Chapter 15:Restoring Ecosystems: Case of Private Sector and Best Practice through Community Forestry Approaches -- Chapter 16: Ecosystem Restoration: Success Stories and Best Practices -- Chapter 17:Supporting Landscape Restoration for Resilient Ecosystems.

Sommario/riassunto

This book highlights various issues related to biodiversity conservation and land degradation, and the global challenges faced in achieving land degradation neutrality. It then discusses the importance of ecosystem restoration as a pivotal strategy in solving these issues. Ecosystem diversity and its health directly influence land productivity and its range of ecosystem services. Achieving land degradation neutrality is crucial for restoring and reinforcing biodiversity's structure and function, which ultimately plays vital role in building climate resilience. To substantiate these ideas, this book presents practical case studies and exemplifies best practices in plant, animal and ecosystem conservation. It prominently highlights the intricate interplay of complex drivers behind land use, land use change, and land degradation. It also examines the direct consequences of land degradation on biodiversity and explore global efforts, frameworks, and strategies crucial for achieving land degradation neutrality. Furthermore, it integrates indigenous knowledge, policy framework and community engagement as instrumental components for achieving global targets related to sustainable land management. This book accentuates the significance of terrestrial ecosystems in achieving biodiversity goals outlined in SDG 15, Life on Land, through a multidisciplinary approach and contributions from academicians, policymakers, United Nations Organizations, and subject matter specialists. Thus, it is a resource for students, trainees, and researchers, providing them with knowledge and insights about significance of land degradation, land degradation neutrality, and biodiversity conservation.