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Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di contenuto	1. Sustainable Natural Resource Conservation: An Overview -- 2. Conservation of the ecosystem -- 3. Wetlands Conservation and Restoration for Ecosystem Services -- 4. Potential of Joint Forest Management in agro biodiversity conservation -- 5. Molecular approaches in conservation and restoration of agro-biodiversity -- 6. Cultural Ecosystem Services: Key Concepts and Application -- 7. Contributions of Cultural Services to the Ecosystem Services -- 8. Wild edible plants and ecosystem services: a case study from Indian North Eastern Himalayas -- 9. Soil organic carbon and total nitrogen stocks under different land uses in Central India -- 10. Managing the Value Chain of Agricultural Commodities: A Cardinal Pillar for Future

Development and Management -- 11. Agro Biodiversity, Status and Conservation Strategies: An Indian Perspective -- 12. Role of Range Grasses in Conservation and Restoration of Land -- 13. Change Detection and Assessment Land Degradation in Quarter of Century -- 14. Influence of anthropogenic activities on forest structure and diversity through the satellite based monitoring system -- 15. GIS-Remote Sensing and Sensor Technology: Emerging New Era Modern Tools for Land Degradation.

#### Sommario/riassunto

Natural resources not only contribute to overall growth of the economy but also help reduce poverty by providing employment and food security to populations on the continent, and is thus the most inclusive growth sector of the economy of Asian countries. Global weather and climate studies are also increasingly being considered a vital source of information to understand the earth's environment, in particular in the framework of weather and climate studies, land use transformation and human influence across these areas. Satellite earth observing systems provide a unique tool to monitor these changes. This book includes significant and up to date contributions in the field of sustainable natural resources conservation across the globe. While the range of applications and innovative techniques is constantly increasing, this book provides a summary of key case studies where satellite data offers critical information to help understand the causes and effects of those environmental changes, allowing us to reflect on how to minimize their negative impacts. This book is of interest to researchers and practitioners in the field of remote sensing, geographical information, meteorology, and environmental sciences. Scientists and graduate to post-graduate-level students in environmental science will also find valuable information in this book.