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Altri autori (Persone)	RaiShalini
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Nota di contenuto	Climate change and negotiating challenges: a lesson for success and failure -- Expected Changes In Aridity Land Degradation And Climate Risks To The Coastal State Of Andhra Pradesh, South India And Road Map To Resilience -- Climate Change and Agriculture in Rajasthan: Present Perspective and Future Strategies -- Bridging the Gap: Exploring Adaptation Strategies for Climate-Resilient Agriculture and Enhanced Livelihoods in Odisha -- Application of new techniques in fodder farming for enhancing the pasture grass for Yaks in the Arunachal Himalayas -- Solid waste as a sustainable source of energy: current and future prospects in India -- Morphometric Analysis and Flood Vulnerability Assessment of Damodar River Basin of India through Multi-Criteria Decision Analysis -- Climate Change and Sustainable Agriculture in India: Navigating the Current Scenario -- Estimation of water use efficiency for winter cereals through evapotranspiration using remote sensing data -- Flood Inundation Mapping over Kerala Region During 2018 Flood – Based on Cloud

Computing and Automatic Threshold Detection Approach -- A study of impact of rainfall and groundwater on agriculture crops and drinking water in Bhandara district, India -- The Impact of Climate Change on the Environment, Water Resources, and Agriculture: A Comprehensive Review -- Spatio-Temporal Variability of Spectral Indices and Land Surface Temperature for Ecological Change Detection in Faridabad District India between 1991 and 2021- Bioenergy and Value added products from biowaste and its role in circular economy -- Gendering the Impact of Climate Change on Agriculture in Asia -- Emerging role of Microbes in bioconversion of biomass to value added products: Current insight and Future status.

Sommario/riassunto

This book discusses an emerging context of climate change, environmental degradation, monitoring and management, agricultural vulnerability and its development and adaptation from local to global scale. The book also describes the research methodology in a simple and lucid way so that a researcher can adopt it in his/her field studies. Individual chapters are dedicated to different subjects such as the quantification of climate change impacts on environment; land use land cover; crops in controlled and field conditions; water resources; soil fertility, erosion and carbon sequestration; insects, pests, weeds, microbes and diseases; greenhouse gas emission assessment; regional vulnerability to climate change; and selection of crop. Researchers from around the world and from various fields explore these important topics in the book. The book is a valuable resource for environmentalists, geographers, economists, agronomists, biologists, agricultural scientist, climate modellers, policyanalysts, development agency staff, and graduate and postgraduate students.
