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Autore	Pande Chaitanya B
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Altri autori (Persone)	MoharirKanak N NegmAbdelazim
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Nota di contenuto	Part I. Introduction -- Chapter 1. Introduction to Climate Change Impact on India (Chaitanya B. Pande) -- Chapter 2. Climate change effect on-climate parameters like Temperature, rainfall and water resources sectors in India (S. Mulla) -- Chapter 3. Appraisal of Climate Change Studies of Arid Regions Involving Weather Variables (H.M. Meena) -- Part II: Impact of Climate Change and Water Resources -- Chapter 4. Externalities of Climate Change on Urban Flooding of Agartala City, India (Saptarshi Mitra) -- Chapter 5. Natural resource planning under climate change issue using advanced remote sensing and GIS technology: A Review (Pritam Das) -- Chapter 6. Self-Generating Training Model (SGTM) algorithm to estimate groundwater level in consensus with climate change impact study in Cauvery Delta

Zone, Tamil Nadu, India (A. Stanley Raj) -- Chapter 7. Impact of Climate Change on Climate & Water Resources and thus on Agriculture in India (S. Jeevananda Reddy) -- Part III: Impact of Climate Change on Agricultural -- Chapter 8. Assessment of climate change impact on agricultural crops' growth and yield over Indian subcontinent using remote sensing, GIS and modelling approach (Atin Majumder).

Sommario/riassunto

This book focuses on the impact of climate change on India, addressing environmental problems and conducting an analysis of the climate change impact on mitigation processes. It examines crucial factors such as soil capability, soil erosion, soil salinity, and watershed planning, as well as the influence of climate change on water resources, including groundwater. The book explores the interconnections between climate change, soil erosion, natural resources, and agricultural practices, emphasizing their direct or indirect effects on water, vegetation, irrigation planning, and the environment. Furthermore, it delves into various aspects of soil erosion, soil compaction, soil nutrients, aquifers, and the impact of climate change on vegetation, crops, pests, moisture, and sustainable yield. These factors contribute to the development of climate change-related factors within the agricultural sector, ultimately fostering sustainable development and management practices for the future. The book also highlights the significance of parameters such as land use change analysis, rainfall, water resources, crop yield, sustainable agricultural development, pest management, and disease control in accurately assessing the impact of climate change. The insights gained from these analyses can inform future development and planning strategies. Therefore, this book serves as a valuable resource for researchers, scientists, NGOs, and academics interested in understanding the impact of climate change on natural resources and ecological systems.
