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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Recent trends, issues, and challenges in water resource development and global climate change / Prakash Rao, Yogesh Patil -- Traditional water management system for climate change adaptation in mountain ecosystems / Bhaskar Shrinivasulu Padigala -- Understanding glacial retreat in the Indian Himalaya: historical trends and field studies from a large glacier / Rajesh Kumar, Prakash Rao, G. Areendran -- Issues, concerns, and local stakes: future of water resources in coastal villages of Devbag and Tarkarli, coastal Maharashtra, India / Navendu Chaudhary, Yogesh Pisolkar -- Impact of climate change on the retreat of Himalayan Glaciers and its impact on major river hydrology: Himalayan glacier hydrology / Ram Karan Singh -- Mitigation of climate change impacts through treatment and management of low quality water for irrigation in Pakistan / Ghulam Murtaza [and 5 others] -- Characterization and management concerns of water resources around Pallikaranai Marsh, South Chennai / Avantika Bhaskar, G. Babu Rao, Jayshree Vencatesan -- Achieving climate smart agriculture with a sustainable use of water: a conceptual framework for sustaining the use of water for agriculture in the era of climate change / Sneha Kumari,

Yogesh Patil -- Entangled systems at the energy-water-food nexus: challenges and opportunities / Joseph Nyangon, Nabeel Alabbas, Lawrence Agbemabiese -- Inter linkages of water, climate, and agriculture / Sunil Londhe -- Role of water-energy-waste inter-relatedness to drive sustainability amid climate concerns / Salil K. Sen, Junya Pookayaporn -- Congo Basin's shrinking watersheds: potential consequences on local communities / Bila-Isia Inogwabini -- Tipaimukh multipurpose hydroelectric project: a policy perspective - Indo-Bangla priorities, indigenous peoples' rights, and environmental concerns / Ali Reja Osmani -- An approach to sustainable watershed management: case studies on enhancing sustainability with challenges of water in western Maharashtra / Sneha Kumari, Yogesh Patil, Prakash Rao -- Participation framework to sustainability: the undercurrents in bottled-water production and consumption / Taksina Chai-Ittipornwong -- Industrial wastewater management in the context of climate change adaptation in selected cities of India: a business approach / Rahul Hiremath [and 5 others] -- Adaptive coevolution: realigning the water governance regime to the changing climate / Dauglas Wafula Juma [and 3 others] -- Climate change and agriculture: time for a responsive and responsible system of water management / Eshwar Anand Ventrappagada, Neela Rayavarapu -- Common duckweeds as a model system for climate change impact assessment / Vinay Rale, Pooja Tendulkar.

Sommario/riassunto

"This book is a pivotal reference source for the latest scholarly material on the relationship between global climate changes and the planet's water ecosystems, highlighting relevant environmental, social, and economic issues"--Provided by publisher.
