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Sommario/riassunto	This book explores Key Biodiversity Areas (KBAs) in India, addressing the challenges and proposing solutions for the conservation of these critical ecosystems. It examines the pivotal role of KBAs in biodiversity conservation and their significance in the global context, offering data-driven analyses of deforestation, habitat fragmentation, and forest loss. Utilizing open-source data, the book assesses the extent of habitat destruction, investigates the frequency and effects of fires on biodiversity and ecosystem services, and proposes actionable fire management strategies. The authors also explores the impact of artificial lighting on wildlife within KBAs, illustrating how human development alters natural habitats and offering mitigation measures. By integrating technology and policy, the book emphasizes the application of remote sensing and data analytics to develop evidence-based conservation strategies. It also charts future directions for monitoring KBAs, highlighting the potential of emerging technologies in conservation efforts.