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Sommario/riassunto	This book highlights the multi-pronged strategy for achieving sustainable rural domestic water supply in India. It deepens the understanding of groundwater (predominant source of water supply) behaviour in response to natural processes in different geological

settings, analyses the factors influencing the performance of water supply schemes; identifies the conditions under which groundwater-based drinking water sources become sustainable, suggests measures for improving the sustainability of drinking water wells in hard rock regions (cover 2/3rd of India's geographical area), presents a decision-making framework for planning rural water supply schemes in the country for ensuring long-term sustainability, and suggests physical strategies and policy measures for achieving them. The analyses for development and validation of various models that explain groundwater system behaviour and performance of rural water supply schemes are undertaken for different geological settings in Maharashtra, as the state represents a microcosm of the various hydrological, topographical, and geohydrological conditions encountered in the country. The final analysis for proposing nation-wide strategies considers the various hydrological, geological, geohydrological, and topographical and climatic settings in the country.