Record Nr. UNINA9910520306403321 **Titolo** Sustainable development in India: groundwater irrigation, energy use, and food production / / editors, Koichi Fujita, Tsukasa Mizushima Pubbl/distr/stampa London, England:,: Routledge,, 2021 **ISBN** 1-00-303607-4 1-003-03607-4 1-000-17743-2 Edizione [First edition.] Descrizione fisica 1 online resource (271 pages): illustrations (black and white) Collana Routledge New Horizons in South Asian Studies Disciplina 338.10954 Soggetti Irrigation - India Groundwater - India Energy policy - India Food supply - India Social change - India Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia 1. Introduction Part I Land, Water, and Population in the Past and Future Nota di contenuto 2. Land Development and Demographic Change in Tamil Nadu from the Late Eighteenth to the Early Twentieth Century 3. From Sharing Risks to Taking Risks: System of Entitlements and its Fragmentation in Eighteenth and Nineteenth Century Orissa 4. Bengal Agrarian Society during late Colonial Rule: The Development of the Sundarbans 5. Sustaining Tank Irrigation in South India through Time-Tested Measures 6. Ahar: A Traditional Irrigation System in Southern Bihar Part II Regional Path Dependencies and Policy Orientations for Sustainability 7. Overview of the Food-Water-Energy Nexus in India and South Asia 8. Challenges of Growth and Sustainability: Agriculture in Indian Punjab 9. Nitrogen Cycle and Fertilizer Subsidy in India 10. Sustainability of Groundwater-Irrigated Agriculture in India: Case Studies of Punjab and Tamil Nadu 11. Farm Power Policies and Groundwater Markets: Contrasting Gujarat with West Bengal (1990-2015) This book explores and interrogates the food-water-energy nexus. Sommario/riassunto arguably the most crucial factor in sustaining India's economic

development. The book sheds light on different experiences faced in states across India, including the consequences of electricity tariff reforms and related policies on irrigated agriculture. Part 1 focuses on the historical development of agriculture and social change in India, with special reference to the mode of responses and adaptations in social systems against the inherent low and erratic rainfall and resulting water stress in India during the pre-colonial period. Additionally, it investigates how colonial development destroyed social systems and discusses future development prospects. Part 2 discusses contemporary issues of agriculture and social change in India. A comprehensive examination of various important issues related to South Asian agricultural development in the past and in the present, this book will be a valuable reference for researchers of Asian development, sustainable development, environmental policy, South Asian Studies and Development Studies.