Record Nr. UNINA9910462701203321 Water management, food security and sustainable agriculture in **Titolo** developing countries / / edited by M. Dinesh Kumar, M.V.K. Sivamohan and Nitin Bassi Milton Park, Abingdon, Oxon; New York, N.Y.:, : Routledge, , 2013 Pubbl/distr/stampa **ISBN** 0-203-10487-0 1-283-84195-9 1-136-25149-9 Descrizione fisica 1 online resource (254 p.) Collana Earthscan studies in water resource management Altri autori (Persone) **BassiNitin** Dinesh KumarM SivamohanM. V. K. Disciplina 338.10954 Soggetti Water-supply - India - Management Water resources development - India Food security - India Sustainable agriculture - India Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico "Simultaneously published in the USA and Canada"--T.p. verso. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cover; Water Management, Food Security and Sustainable Agriculture in Developing Economies: Copyright: Contents: Figures: Tables: Contributors; Acknowledgments; Acronyms and abbreviations; 1 Food security and sustainable agriculture in developing economies: The water challenge; 2 Key issues in Indian irrigation; 3 Food security challenges in India: Exploring the nexus between water, land and agricultural production; 4 Redefining the objectives and criteria for the evaluation of large storages in developing economies 5 Sector reforms and efficiency improvement: Pointers for canal irrigation management6 Rebuilding traditional water harnessing

systems for livelihood enhancement in arid western Rajasthan; 7 The

hydrological and farming system impacts of agricultural water management interventions in north Gujarat, India; 8 Technology choices and institutions for improving the economic and livelihood benefits from multiple-use tanks in western Odisha; 9 Future strategies for agricultural growth in India

10 Investment strategies and technology options for sustainable agricultural development in Asia: Challenges in the emerging context11 Water management for food security and sustainable agriculture: Strategic lessons for developing economies; Index

Sommario/riassunto

This book addresses strategies for food security and sustainable agriculture in developing economies. The book focuses primarily on India, a fast developing economy, whose natural resource base comprising land and water supporting agricultural production is not only under enormous stress, but also complex and not amenable to a uniform strategy. It critically reviews issues which continue to dominate the debate on water management for agricultural and food production. The book examines the validity of the claim that large water resources projects cause serious social and environmenta