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Autore	Lee Gordon K. F.
Titolo	Distributed digital signal processors for multi-body flexible structures : final report // submitted by Gordon K.F. Lee
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Descrizione fisica	1 online resource (approximately 76 pages) : illustrations
Collana	NASA/TM ; ; 190183
Soggetti	Mechanical engineering Spacecraft design
Lingua di pubblicazione	Inglese
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2. Record Nr.	UNINA9911035042403321
Autore	Bahadir Müfit
Titolo	Agricultural Water Management // edited by Müfit Bahadir, Andreas Haarstrick, Kemal Güne, Bülent Topkaya, Abbas Al-Omari
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
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Descrizione fisica	1 online resource (526 pages)
Collana	Water and Wastewater Management, Global Problems and Measures, , 2731-3174
Altri autori (Persone)	HaarstrickAndreas GüneKemal TopkayaBülent Al-OmariAbbas
Disciplina	631.7
Soggetti	Ecology Water Hydrology Agriculture Refuse and refuse disposal Environmental Sciences Waste Management/Waste Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1.Water Footprint Methodology and its Role in Agricultural Water Management -- 2.Understanding Environmental Impacts and Trade-Offs of Irrigation in Horticultural Crop Production in Türkiye using a Multi-Indicator Life Cycle Assessment -- 3.Adaptation to Climate Change: Irrigation Management under Water Scarcity and Introduction of Drought-Resistant Crops (Quinoa) in Semi-Arid Regions -- 4.Irrigation Scheduling Techniques for Sustainable Irrigated Agriculture under the Era of Climate Change -- 5.Technologies for Applications of Smart Irrigation -- 17.Cost-Benefit Analysis of Subsidization of Water - Efficient On -Farm Irrigation Systems in the Northern Jordan Valley, Jordan -- 18.The Relation between Water Policies and Strategies, and Modernization of the Irrigated Sector in Sudan -- 19.Sustainable

Sommario/riassunto

This book titled “Agricultural Water Management” offers a comprehensive exploration of the principles, strategies, and technologies involved in efficiently managing water resources within agricultural systems. This book delves into various aspects of irrigation, water conservation techniques, and sustainable practices that are crucial for addressing global water scarcity issues in farming. It provides an in-depth analysis of water use efficiency, crop water requirements, and the impact of climate change on agricultural water supply. Through a combination of theoretical knowledge and practical insights, this book serves as an essential resource for researchers, students, and professionals in the field of agriculture, environmental science, and water management, aiming to promote sustainable farming practices that ensure food security and ecological balance.
