



water

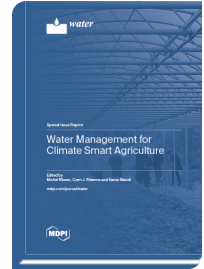


Special Issue Reprint

Water Management for Climate Smart Agriculture

www.mdpi.com/books/reprint/9092

Edited by
Michel Riksen
Coen Ritsema
Karrar Mahdi



ISBN 978-3-7258-0620-1 (Hardback)
ISBN 978-3-7258-0619-5 (PDF)

Global climate change has resulted in significant changes in local weather conditions in many countries. Changes in rainfall and temperature threaten agricultural production and increase the vulnerability of individuals who are dependent on agriculture. In particular, water shortages in arid and semi-arid regions will become more prominent. In such regions, irregularly distributed rainfall will result in increased droughts as well as extreme rainfall events. Climate-smart agriculture (CSA) is an approach that aims to transform and reorient agricultural systems to adapt to the effects of climate change.

The present reprint, “Water Management for Climate-Smart Agriculture”, gathers the latest knowledge on water management practices to guide and support stakeholders, researchers, and students in adopting CSA in arid and semiarid regions to achieve sustainable and resilient agricultural systems. This Special Issue consists of a range of topics, e.g., rainwater harvesting, drought, efficient farming practices, irrigation, and groundwater recharge, and presents real-world case studies, practical examples, and applicable recommendations to be considered and applied. We hope that the knowledge provided in this reprint can be of help for the adoption of climate-smart water management practices not only in Iraq but also in other arid and semi-arid regions.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/9092

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.