



Unconventional Water Resources and Agriculture in Egypt [

Negm, Abdelazim M,
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Environmental chemistry Hydraulic engineering Agricultural economics
Environmental management Environmental Chemistry Hydrology/Water
Resources Hydrogeology Agricultural Economics Environmental
Management

Monografía

This unique volume presents up-to-date information and the latest research findings on unconventional water resources in Egypt and their connections to agriculture. It investigates how to cope with the severe shortage of water and how to improve the irrigation systems efficiency. The main aspects addressed include: · History of drainage and drainage projects in Egypt · Towards the integration of irrigation and drainage water · Assessment of drainage systems and environmental impact assessment of irrigation projects · Maximizing the reuse of agricultural drainage water and agricultural waste to improve irrigation efficiency · Developing alternative water resources, such as desalination, for greenhouses · Drainage water quality assessment, microbial hazards and improvement of green and cost-effective technologies for treatment of agricultural drainage water and wastewater for reuse in irrigation · Towards the sustainable reuse of water resources in Egypt · Options for securing water resources in Egypt, and challenges and opportunities for policy planners This book and the companion volume Conventional Water Resources and Agriculture in Egypt are vital resources for researchers, environmental managers and water policy planners and for all those seeking information on wastewater reuse, green and cost-effective technologies for improving water quality. .

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