CONTENTS

Introduction
M. Abu-Zeid and A. Hamdy

Water, Land and Food Security in arid and semi-arid Regions
J. Margat and M. Blinda

Water, Food and Agriculture: Challenges for sustainable rural Development and Poverty Alleviation
M. Abu-Zeid and A. Hamdy

Securing Food for a growing Population: the Water Scarcity Challenge
J.M. Faurès

The Road Map Towards Water Security, Food Security and Environmental Sustainability in arid and semi-arid Mediterranean Countries
A. Hamdy

Water Scarcity Management towards Food Security in the Middle-East Region
A. Hamdy and G. Trisorio-Liuzzi

Global Warming-Water Scarcity and Food Security in the Mediterranean Environment
D. De Wrachien and R. Ragab

How to achieve the required Food Production to meet the growing Demand?
A. Hamdy and G. Trisorio-Liuzzi

Towards Food Security: promising Pathways for increasing agricultural Water Productivity
A. Hamdy

Agricultural Water Management to meet the growing Food Demand
A. Hamdy

Agricultural Biotechnology-Food Security & Hunger Alleviation
A. Hamdy