VOLUME 9

Sustainable Use and Management of Treated Sewage Waste Water

CONTENTS

Introduction
M. Abu-Zeid and A. Hamdy

An Overview on urban Wastewater: Problems, Risks and its Potential Use for Irrigation
M. Shatanawi, A. Hamdy, H. Smadi

Perspective Use of treated Wastewater for Irrigation in the Mediterranean Basin
I. Papadopoulos

Wastewater as a Source: Perspectives and Challenges
A. Hamdy

Sustainable Use of non-conventional Water Resources in Agriculture
A. Hamdy and R. Ragab

Wastewater Treatment & Reuse as a potential Water Resource for Irrigation
R. Choukr-Allah and A. Hamdy

Reuse of treated Wastewater in Irrigation Challenges and Perspectives
A. Hamdy and R. Ragab

Wastewater Recycling & Reuse as a potential Resource for Water Saving in the Mediterranean Region
R. Choukr-Allah

Impact of Sewage Wastewater & Sludge on environmental Pollution & Human Health
Alleviation using ionized Radiation
R. A. El-Motaia

Technologies for Water & Wastewater Treatment
G. Boari, I.M. Mancini, E. Trulli

Research Needs for sustainable Use of low Quality Water in Agriculture
L. S. Pereira