

VOLUME 1

Water Resources in the Arab World

CONTENTS

- Introduction** 1
M. Abu-Zeid and A. Hamdy
- Water Crisis in the Arab World: Analysis and Solutions**
M. Abu-Zeid and A. Hamdy
- Water Resources Challenges and irrigated Agriculture in the Arab Countries**
A. Hamdy and C. Lacirignola
- Water Resources in the Mediterranean: an Overview**
A. Hamdy
- The Application of Optimization Techniques to Water Resources Problems**
M. Ait Kadi
- Water Resources and Irrigation Water Policies in the Mediterranean**
A. Hamdy
- Use of Water in the Mediterranean Sectional Distribution and Prospects**
A. Hamdy and C. Lacirignola
- Non-renewable Groundwater and Sustainable Agriculture: Current Status and Future Perspectives**
F. Abdel Rahman Attia
- The Water Paradox: Scarce and Valuable but Inefficient Use and Poor Political Decisions- Who should be blamed?**
I. Carruthers
- The Law of Water – Historical Record**
S. El-Din Amer
- Traditional Knowledge Role for Security and Mitigation of Water Conflicts**
P. Laureano
- Conceptual Frame of Water Conflicts in the Mediterreanean**
*M. Shatanawi, M. Shammout, S. Naber, N. Aboul-Fotouh,
A. E. Abdin, S. Sedky, L. Candela, F. Domingo, J. Berbel,
J. José Alarcón, P. Laureano, K. Tamoh, W. Von Igel,
M. Escobar Soler, E. R. Trevisiol, T. Cambruzz, G. Baldo,
F. Pra Levis and R. Rodriguez*