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# Water Resources Management V

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**C.A. Brebbia**

*Wessex Institute of Technology, UK*

**V. Popov**

*Wessex Institute of Technology, UK*

**WIT**PRESS Southampton, Boston



**Editor:**

**C.A. Brebbia**

*Wessex Institute of Technology, UK*

**V. Popov**

*Wessex Institute of Technology, UK*

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## Preface

This book contains most of the papers presented at the First International Conference on Sustainable Water Resources Management that took place in 2009 on the island of Malta. The conference series started in Halkidiki, Greece in 2001; followed by Las Palmas, Gran Canaria (2003); The Algarve, Portugal (2005) and Kos, Greece (2007).

The meeting attracted papers describing the more recent developments in water resources management, a topic of growing concern. Water resources are under extra pressure today all over the world. Water has become a precious resource and the issues of water quality, quantity, management and planning, as well as other related topics presented in the book, are essential to our future.

The choice of Malta as a location for the conference helped to emphasise the pioneering work carried out in the island in the field of water conservation, re-use, de-salinisation and sustainable exploitation of scarce sub-surface resources. Malta, in spite of its water scarcity – has developed a very successful tourism industry.

The Water Resources Management Conference is one of the most important meetings organised by the Wessex Institute. All papers presented in this conference series, starting in 2001, are archived in the web under [www.library.witpress.com](http://www.library.witpress.com) where they are readily available to the international community.

The contributors in this book are divided into the following sections:

- Water Management and Planning
- Waste Water Treatment and Re-use
- Water Quality
- Pollution Control
- Management and Economics
- Decision Support Systems
- Hydraulic Systems

- Flood Risk
- Hydraulic Modelling
- Irrigation Problems
- Governance and Monitoring

The Editors are grateful to all authors for their excellent contributions and to the members of the International Scientific Advisory Committee as well as other colleagues for their help in selecting papers.

The Editors  
Malta, 2009

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