

Water Pollution VII

Modelling, Measuring and Prediction

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WATER POLLUTION VII

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Published by

WIT Press

Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK

Tel: 44 (0) 238 029 3223; Fax: 44 (0) 238 029 2853

E-Mail: witpress@witpress.com

<http://www.witpress.com>

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Computational Mechanics Inc

25 Bridge Street, Billerica, MA 01821, USA

Tel: 978 667 5841; Fax: 978 667 7582

E-Mail: info@compmech.com

US site: <http://www.witpress.com>

British Library Cataloguing-in-Publication Data

A Catalogue record for this book is available
from the British Library

ISBN: 1-85312-976-3

ISSN: 1461-6513

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Printed in Great Britain by Bookcraft Ltd., Bath.

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PREFACE

Water Pollution is essentially an interdisciplinary field involving scientists and professionals with a wide variety of expertise ranging from chemists to engineers and from experimentalist to computational scientists. It is also an international field of research as the contamination of our precious water resources goes beyond national borders and is a problem of global concern.

The International Conference on Modelling, Monitoring and Prevention of Water Pollution, held regularly in different locations around the world, provides a forum for the presentation of the latest developments in the field and for their discussion. This book contains most of the papers presented at the 7th Meeting held in Cádiz and organised by the Wessex Institute of Technology of the UK and the University of Cádiz with the collaboration of many distinguished scientists and practitioners.

The papers in this volume present some of the latest results in this important field; work which is essential to understanding the nature of the problem and for proposing appropriate solutions, which may eventually provide the guidelines required to take steps towards the remediation or recovery of water resources.

The sections in the book cover topics such as Groundwater and aquifer contamination; Wastewater treatment and re-use of water; Lakes, rivers and wetlands; Coastal areas and seas; Biological effects; Organic contaminants and agricultural pollution; Oil spills; Mathematical and physical modelling; Experimental and laboratory work; Surveying techniques, monitoring and remote sensing; Remediation studies; and Health, social and economic problems.

The Editors are grateful to all authors for their contributions and to the members of the International Scientific Advisory Committee for having helped to review the papers, thus ensuring the quality of the book.

C.A. Brebbia
D. Almorza
D. Sales
Cádiz, 2003

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