

# Coastal Environment V incorporating Oil Spill Studies

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FIFTH INTERNATIONAL CONFERENCE ON  
ENVIRONMENTAL PROBLEMS IN COASTAL REGIONS  
INCORPORATING OIL SPILL STUDIES  
**COASTAL ENVIRONMENT V**

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# Coastal Environment V incorporating Oil Spill Studies

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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](mailto:witpress@witpress.com)

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25 Bridge Street, Billerica, MA 01821, USA

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E-Mail: [infousa@witpress.com](mailto:infousa@witpress.com)

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British Library Cataloguing-in-Publication Data

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

ISBN: 1-85312-710-8

ISSN: 1462-6098

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Printed in Great Britain by Biddles, King's Lynn.

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## Preface

This volume of the Transactions of the Wessex Institute contains the papers presented at the Fifth International Conference on Environmental Problems in Coastal Regions and its associated Fourth International Seminar on Hydrocarbon Spills, Modelling, Analysis and Control, which took place at the University of Alicante in 2004.

The Coastal Environment meeting dealt with problems related to monitoring, analysis and modelling of coastal regions, including sea and air phenomena. An important part of the meeting involved discussing ecological and environmental problems and the issues of water quality. Coastal zones are particularly affected by problems related to population growth and industrial or tourism activities. These developments generate ecological, social and economic pressures which bring different parties into conflict. Effective strategies for management of coastal areas should therefore consider them as dynamic and integrated systems in order to control their environmental quality.

One of the most serious problems affecting coastal areas is the environmental damage resulting from oil spills. Due to this, it was deemed appropriate to also publish in this book the papers presented at the International Seminar on Hydrocarbon Spills.

Numerous and frequent oil spills have demonstrated the extent of the damage inflicted on the environment when a large volume of oil is released and, in particular, the susceptibility of coastal regions to these spills.

The Seminar also addressed topics related to soil and land spills. Papers comprise studies of modelling and fate of oil slicks as well as the development of adequate oil spill contingency plans and issues related to prevention and clean up resources.

This book comprises most of the papers selected for presentation at both meetings. The Editors were able to carry out their work due to the generous cooperation of the members of the International Scientific Advisory Committee, who helped them to select the papers included in this volume.

The Editors  
Alicante, 2004



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