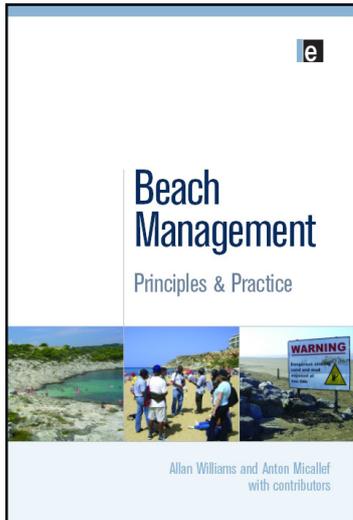


# Beach Management

## PRINCIPLES AND PRACTICE

Allan Williams and Anton Micallef with contributors



'Beach Management is a long overdue book that addresses the management of one of the most popular, glamorised and attractive parts of our planet – the beach. Williams and Micallef cover a wide range topics and beach management practices from around the globe. A must for all who manage and care about the coast.' Prof Andy Short, University of Sydney, Australia

'An excellent handbook, which collects the essence of decades of research on integrated beach management. This book represents the most updated and complete text concerning both theories and worldwide best practices.' Mauro Fabiano, University of Genoa, Italy

Whether a sunbathing beach in the Mediterranean, a surf beach in Australia, a conservation area in the UK or a wild section of wind and wave-swept dunes on the Oregon coast, beaches are among most widely loved and heavily used and abused areas in the world. Competing social or recreational, economic and conservation uses, and the needs of many users, make beach management particularly challenging, but vitally important. This comprehensive book provides full coverage of beach management principles and practice, with an emphasis on needs-based management. The book comprises two sections.

Part One covers beach management principles and theory and addresses practical management tools and guidelines, including how to determine the best management strategy for different beach types (linear, pocket, resort, urban, village, rural and remote) as well as how to include user preferences and priorities in effective management plans.

Part Two provides a wealth of case studies of best and worst practice, authored by a cast of international beach management experts from the UK, USA, New Zealand, the Mediterranean and Latin America. The emphasis throughout the book is on optimizing economic, social and environmental outcomes, and reconciling competing needs in management planning for beach areas.

This book is an indispensable tool kit for all professionals in beach and coastal/beach zone management, including local and regional authorities, planners, park and protected area managers, societies, resort beach owners and managers. It is also a comprehensive primer for university under and post-graduate students of land, coastal zone and beach management, coastal geography as well as tourism and conservation planning and management.

**Allan Williams** is a Professorial Research Fellow at the Swansea Metropolitan University, Wales, UK and has published more than 250 academic papers on coastal science and geography and has extensive experience in working on coastal problems in Europe, the Far East, the USA, Africa and New Zealand.

**Anton Micallef** is a full-time senior lecturer at the International Environment Institute of the University of Malta and has consulted and published on many aspects of the coastal environment. He is also Director of the Euro-Mediterranean Centre on Insular Coastal Dynamics, a specialised Centre of the Council of Europe's Open Partial Agreement on Major Natural and Technological Hazards.

Pb • £65.00 **£52.00** • 464 pages • 978-1-84407-435-8 • May 2009

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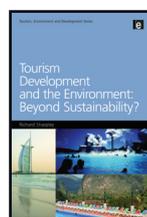
Forward by Charlie Finkl

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- 3 Theoretical Models for Determining Beach Management Strategy and Management Plans
- 4 Beach Management Guidelines
- 5 Beach User Questionnaire Surveys
- 6 Environmental Risk Management
- 7 Innovative Application of Selected Management Tools to the Beach Environment
- 8 Beach Award and Rating Schemes
- 9 A Bathing Area Registration and Classification Scheme

### CASE STUDIES

- Case Study 1 – Beach Water Safety Management, **Cliff Nelson** • Case Study 2 – Managing Cars on Beaches: A Case Study from Ireland, **J. A. G. Cooper and J. McKenna** • Case Study 3 – Ameliorative Strategies at Balneário Piçarras Beach, **A. H. F. Klein, R. S. Araujo, M. Polette, R. M. Sperb, D. Freitas Neto, J. M. Camargo, F. C. Sprovieri and F. T. Pinto** • Case Study 4 – From Global to Local: Marine Policy and Legislation, **David T. Tudor** • Case Study 5 – River Mouth Lagoon Science and Management, **Deirdre E. Hart** • Case Study 6 – Protection Projects at Poè o and Cala Gonone Beaches (Sardinia, Italy), **Enzo Pranzini** • Case Study 7 – A Proactive Programme for Managing Beaches and Dunes on a Developed Coast: A Case Study of Avalon, New Jersey, USA, • **Karl F. Nordstrom, Nancy L. Jackson and Harry A. de Butts** • Case Study 8 – Analysis of Users' Perceptions at Praia Central, Balneário Camboriú (Santa Catarina, Brazil), **Marcus Polette** • Case Study 9 – The Oregon Coast Experience: Good Management but 'Bad Apples' (A Personal Assessment), **Paul D. Komar** • Case Study 10 – A Holistic Approach to Beach Management at Çıralı, Turkey: A Model of Conservation, Integrated Management and Sustainable Development, **Ayşen Ergin** • Case Study 11 – New Directions in Beach Management in the Barcelona Metropolitan Area Coastal Systems (Catalonia, Spain), **Silvia Banchini, Lorenzo Chelleri, Antonio José Trujillo Martínez and Françoise Breton Renard** • Case Study 12 – Beach Consequences of an Industrial Heritage, **M. R. Philllips**

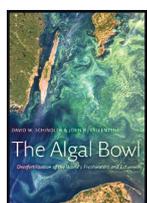
### Further Reading



#### Tourism Development and the Environment Beyond Sustainability? Richard Sharpley

*Tourism Development and the Environment* is the first in the new Earthscan series Tourism, Environment and Development. The aim of the series is to explore, within a variety of contexts, the developmental role of tourism as it relates explicitly to its environmental consequences. Each book will review critically and challenge 'traditional' perspectives on (sustainable) tourism development, exploring new approaches that reflect contemporary economic, socio-cultural and political contexts.

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Does your Beach need Professional Beach Management? Swimming in the ocean is different from swimming in a pool. The water is always moving in the ocean and you have to be prepared for and know how to navigate the waves. Beach safety is crucial, and takes different considerations. As a World Leader in open water management and beach management, our First Response team must maintain focus, athleticism and professional training that is acquired through years of education and experience.