

Water and Coastal Engineering

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NEW

Water Distribution Systems

D. Savic and J. Banyard

Water Distribution Systems is a comprehensive introduction to the topic, covering fundamental concepts and exploring the latest ideas of good practice.

Water industry professionals have to address, not only classic design and management problems but also, increasingly, environmental and sustainability requirements and concerns. Drawing together information that is currently scattered across several sources, this book is a concise update of modern practice and current developments.

Each chapter has been written by both academics and practitioners, balancing what's theoretically possible against what's practical in key areas such as modelling, planning, and operational management issues. *Water Distribution Systems* is a key text for students and early-stage practitioners, and a useful reference book for practising engineers, particularly to provide up-to-date information on practices.

978 07277 4112 7 / 430pp / Hardbound / 2011 / £65.00



NEW

Flood Risk Design and Management of Flood Defence Infrastructure

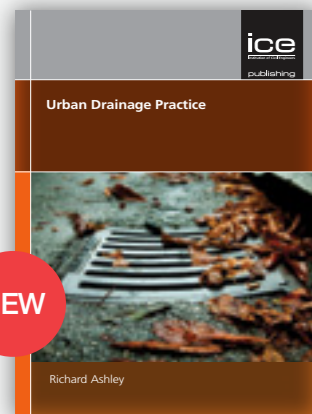
P. Sayers

This is the definitive practical handbook on design and maintenance of flood defences, providing a coherent and focused reference for best practice. With contributions from a number of experts in the field and the inclusion of real life case studies this book will be the first port of call for practising engineers working in the areas of flood risk management and drainage.

Coverage includes the design of fluvial, coastal and urban flood defences, dams and reservoirs, as well as guidance on relevant legislation, lessons learned from past failures and means of improving the environment while managing flood risk.

The intended audience is practicing (graduate to senior level) engineers, hydrologists and project managers working on flood defence projects, mainly in consultancies but also in the Environment Agency and Local Authorities.

978 07277 4156 1 / 352pp / Hardbound / 2011 / £75.00



NEW

Urban Drainage Practice

R. Ashley

Urban Drainage Practice aims to provide detailed guidance and practical advice on the design, operation, planning, management and maintenance principles required to address all major urban drainage issues.

With the recent flooding incidents in the UK and internationally, and the UK government recommendations following the recent Pitt Review, this is a very topical issue.

Each chapter features an illustrative case study that will appeal to practitioners, and the text has a strong practical focus throughout.

Providing comprehensive coverage of the subject from an author and contributors who are well-recognised in the field in both practice and education, *Urban Drainage Practice* will be of relevance to local authority engineers, drainage design and operation engineers (in the wider water industry) and consultants or contractors working in this field.

978 07277 4178 3 / 300pp / Hardbound / 2011 / £65.00



NEW

Coasts, Marine Structures and Breakwaters Adapting to change

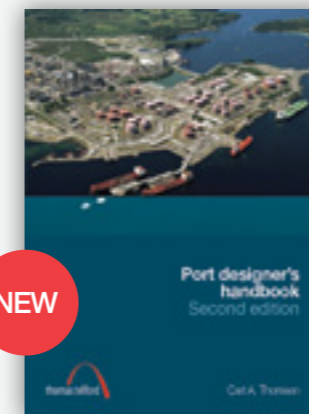
W. Allsop

These conferences, sponsored by the Institution of Civil Engineers for more than 25 years, discuss the state of the art in analysis, design and construction of breakwaters and other types of coastal structures, including interactions between coastlines and structures, and vice versa.

This 9th conference has continued to reflect more generally holistic approaches to the use of coastal structures, with strong emphases on the wider influences on design, construction and use. This now includes the use of nearshore structures to extract wave or tidal stream power, as well as structures to protect coastlines or harbours.

The conference was 2½ times larger than before, the major expansion being in the design and performance of near-coast renewable energy devices, structure foundations, and wider issues associated with managing shorelines.

978 0 7277 4129 5 / 1552 pages / Hardbound / 2 volumes / 2010 / £250.00



NEW

Port Designer's Handbook, 2nd edition

C.A. Thoresen

This comprehensively updated new edition to the bestselling *Port Designer's Handbook*, gives essential guidance and recommendations for the layout, design and construction of modern port structures. Developments are incorporated from navigation safety, port planning and site selection, layout of container and oil and gas terminals, cargo handling and fender and mooring principles.

Due to growing interest in the design of port and harbour structures over the last few years there have been a huge number of research reports and technical papers published, particularly by the International Navigation Association PIANC's different working groups. Many of these new sources of information have been evaluated and summarized in this handbook, giving readers an understanding of the latest guidance given by the different international harbour standards and recommendations.

978 07277 4086 1 / 576pp / Hardbound / 2010 / £99.00



BEST SELLER

Land Drainage and Flood Defence Responsibilities, 4th edition

ICE

Seeking to solve practical problems, *Land Drainage and Flood Defence Responsibilities, 4th edition* outlines the responsibilities and statutes that govern each area of land drainage.

This new edition covers all major recent developments including recommendations made in the Draft Flood and Water Management Bill of April 2009 and points the reader to further reading with useful addresses, significant cases and relevant statutes included throughout.

Land Drainage and Flood Defence Responsibilities, 4th edition is ideal for designers and planners looking to fully integrate land drainage issues into their projects, as well as ground and transport engineers who will be quickly able find out where responsibility and liability lies for the practical problems that may arise during projects.

978 07277 3389 4 / 152pp / Paperbound / 2009 / £35.00

2nd International Conference on Maintenance Dredging
978 07277 3288 0 / Hardbound / 2005 / £95.00 / ICE

A Guide to the Reservoirs Act 1975
978 07277 2851 7 / Paperbound / 2000 / £50.00 / ICE

Bestseller
Basic Water Treatment, 4th edition
978 07277 3608 6 / 328pp / Paperbound / 2009 / £32.50 / C. Binnie and M. Kimber

Breakwaters, Coastal Structures and Coastlines
978 07277 3042 8 / Hardbound / 2003 / £75.00 / N.W.H. Allsop

Bestseller
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978 07277 3005 3 / Paperbound / 2002 / £25.00 / 112pp / ICE

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978 07277 3568 3 / Hardbound / 2007 / £105.00 / ICE

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978 07277 3516 4 / 472pp / Hardbound / 2009 / £85.00 / D.R. Green

Coastlines, Structures and Breakwaters
978 07277 2668 1 / Hardbound / 1998 / £62.50 / N.W.H. Allsop

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978 07277 3455 6 / Hardbound / 2005 / £95.00 / N.W.H. Allsop

Construction Health and Safety in Coastal and Maritime Engineering
978 07277 3345 0 / Paperbound / 2005 / £40.00 / I. Cruickshank and S. Cork

Construction Risk in River and Estuary Engineering
978 07277 2862 3 / Paperbound / 2000 / £50.00 / M. Morris and J. Simm

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978 07277 2870 8 / Hardbound / 2000 / £60.00 / P. Tedd

Design of Linear Drainage Systems
978 07277 3222 4 / Hardbound / 2003 / £45.00 / M. Naqvi

Bestseller
Design of Water Resources Systems
978 07277 3098 5 / Hardbound / 2003 / £35.00 / 232pp / P. Purcell

Dynamics of Estuarine Muds
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Ensuring Reservoir Safety into the Future
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Bestseller
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Revetment Systems Against Wave Attack
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978 07277 3639 0 / Hardbound / 2004 / £85.00 / D.N.D. Hartford and G.B. Baecher

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