

Water, however, is a surprising and dynamic element of nature, whilst the use and perception of water has also been subject to change throughout the years. This makes the relationship between city and water dynamic one which constantly needs to be determined, designed, and devised.

During the last decade of the twentieth century, the world has been confronted with new and surprising effects of water: a rising sea level, increasingly intense rainfall, and greater differences in the volumes of water produced by rivers. Urban development and growing world population forces us to consider a new relationship between city and water. The question posed by this book is: how can society profit from the rich tradition of the Dutch "Water City"?

The Atlas of Dutch Water Cities illustrates this relationship between urban development and water engineering, and portrays a vast number of projects integrating the infrastructure of waterways and flood defences in architectural concepts. The examples are explained from a civil engineering, landscape, and urban point of view in order to serve as a guide for future developments. The book is well illustrated with many schematic drawings as well as photographs and maps. It is divided into Chapters each ending with an Atlas:

- Time, space and water, a timeline of water management from the year 800 through 2005
- Coast: A dynamic coastal landscape; Urbanisation in the delta; Urbanisation of sand ridges
- River: From resistance to change; River landscapes; Settlements in river regions
- Polder: Land out of water; Cities in wetlands; Morphology and water management.

A pictorial "calendar" or timeline, which is the literal imagination of the first Chapter, is included as a separate brochure.

The Atlas was introduced during the exhibition Hollandse Waterstad (Holland Water City) which opened in the spring of 2005. Both the book and the exhibition were an integral part of the International Architecture Biennale Rotterdam, with the theme 'Flood', organised in May/June 2005. The book was edited by Han Meyer, Fransje Hooimeijer and Arjan Nienhuis, with contributions from Steven van Schuppen, Bianca Stalenberg, Marcel Stive, Frans van de Ven, Huib de Vriend, Han Vrijling and Saskia de Wit. It is the result of a co-operation between the faculties of Architecture and Civil Engineering of

Delft University of Technology, the Netherlands. Available from Uitgeverij Boom / Uitgeverij SUN Prinsengracht 747-751, 1017 JX Amsterdam, The Netherlands Phone: +31 20 622 6107; Fax: +31 20 625 3327 Email: info@uitgeverijboom.nl Internet: www.uitgeverijsun.nl

The New Waterfront, A Worldwide Urban Success Story

BY ANN BREEN AND DICK RIGBY

McGraw-Hill Professional. 224 pages. Illustrations: 177 colour, 186 b/w. ISBN: 0070074542. US\$69.95.

Focusing on large-scale waterfront renewal, the most dynamic area of urban design today, this cutting edge review of award-winning waterfront designs explores the successful redevelopment of oceanfront, lakefront, and riverfront in urban centers around the world. Showcasing more than 100 international projects in full color, this beautifully-produced design survey presents a rich and diverse portfolio of re-development work, including museums, restaurants, historic monuments, parks, housing, government facilities, trade centers, ship terminals, and retail stores. By definition the authors "consider the bay, canal, lake, pond and river, including the man-made, under the generic term 'waterfront'". Water is a fundamental attraction in all cultures and among all peoples from Alaska to Angola to Argentina, and this book makes it clear that well-planned waterfront development has positive social, environmental and historic preservation impacts for urban areas from Malaysia to Manhattan. This book forms a companion to the authors' previous highly praised publication, *Waterfronts: Cities Reclaim Their Edge*. It provides a reach source of ideas, inspiration, and practical design guidance.

The contents are:

- Introduction.
- Major Waterfront Transformations.
- The Commercial Waterfront.
- The Cultural and Educational Waterfront.
- Historic Waterfronts.
- The Recreational Waterfront.
- The Residential Waterfront.
- The Working Waterfront and Transportation.
- Gazetteer.

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