

## Publications

### Challenges to the Wadden Sea Area

Proceedings of the 10<sup>th</sup> International Scientific Wadden Sea Symposium, Groningen, The Netherlands, 31 October – 3 November 2000. 272 pages, Ministry of Agriculture, Nature Management and Fisheries and University of Groningen. ISBN: 90-367-1765-5

The 10<sup>th</sup> International Scientific Wadden Sea Symposium brought more than 200 scientists and policy officials to Groningen with the objective to give a substantial scientific contribution to the Trilateral Governmental Conference in Esbjerg 2001. The theme of the symposium was "Challenges to the Wadden Sea: Finding a balance between economic and ecological values". The lectures addressed cultural and economic aspects of climate change, different aspects of salt marsh management and shellfish fisheries and their effects on birds, an overview of the experiences with the Wadden Sea targets and a possible inclusion of socio-economic targets, and methods to integrate socio-economic and ecological coastal policy making.

Copies can be ordered from the Ministry of Agriculture, Nature Management and Fisheries, Mr. C.J.M. Berkel, Postbox 39932, NL-9700 RM Groningen, e-mail: c.j.m.berkel@lnv.nv.agro.nl

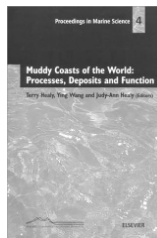


### Muddy Coasts of the World

Healy, T., Y. Wang & Healy, J.-A, (eds), 2002. Muddy Coasts of the World: Processes, Deposits and Functions. Proceedings in Marine Science No. 4, Elsevier Science BV, Amsterdam, 556 pages, 195 \$.

Elsevier's "Muddy Coasts of the World" aims to provide a review of the geomorphic, sedimentary and oceanographic dynamics of muddy coasts, assessing the impact of sea level rise, especially in estuaries, and gives recommendations on required research, data collection and monitoring for the future management of muddy coastal zones. About half of the 21 chapters discuss fundamental aspects, the other half is devoted to case studies and regional processes in various parts of the world. A special mention goes to the chapter in which all main muddy deposits along the world's shorelines are described in an exhaustive way – a mandatory first stop for any student of muddy coasts.

The editors have achieved their objectives only partially. The book may have insufficient depth for



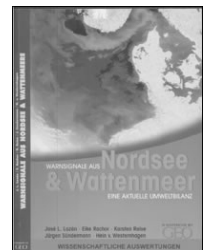
most readers to become widely appreciated as review of muddy-coastal processes. The authors are most successful in outlining the expected impact of sea level rise on the sedimentary and ecological evolution of muddy coasts. The book also contains stimulating discussions on fine sediment dynamics, particularly in relation to biological processes.

The book is expensive. 195 EUR/USD will be an obstacle for most scientists, the more so as the lack of an index renders the book less suitable as work of reference. Nonetheless, every library should own a copy, because "Muddy Coasts" comprises a decent overview of the basic dynamics of muddy coasts and it is indispensable for scientists that are on the lookout for a new nearby or remote area to work in.

Jaco H. Baas,  
School of Earth Sciences, University of Leeds

### Warning Signals North Sea and Wadden Sea

José Lozan, Eike Rachor, Karsten Reise, Jürgen Sündermann, Hein v. Westernhagen (Eds.), 2002. Warnsignale aus Nordsee und Wattenmeer. Eine aktuelle Umweltbilanz. 448 p., EUR 25



The book is an update of the former „Warnsignale“ books about the North Sea (1990) and Wadden Sea (1994) by (almost) the same group of authors. It provides an overview of latest research results and the recent environmental status of both ecosystems which are still in the focus of attention because of their various anthropogenic uses – as source for food, natural resources or use as waterway or recreational area.

Over 120 experts from different disciplines were involved in presenting the recent knowledge concerning, amongst others, morphological development, contaminants, eutrophication, shipping, harbors, tourism, mariculture, fishery, wind energy, exploitation, cables and climate change. Information on the impact of the river Elbe flood and the seal epidemics in the summer 2002 is also given. A final chapter comprises a review of 20 years of national and international marine environmental protection and gives recommendations for a better protection of the North Sea and Wadden Sea.

The book reflects very well the latest developments in knowledge. The single contributions mostly give a concise summary without being too detailed and, therefore, reach a broad target group

of students, teachers, scientists and managers. A comprehensive list of references and an index is given which make the book a valuable source if one is looking for a quick reference.

Although the book has some weaknesses – like the sometimes poor quality of figures – it is a book for everyone interested in marine science and policy. The reasonable price of EUR 25 makes it affordable for your bookshelf.

It can be ordered directly from José Lozan, Fax 040 / 42 83 86 69 6, Tel/Fax 040 / 43 04 03 8, jLlozan@t-online.de

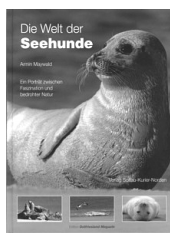
## Seal's World

Armin Maywald, 2002. Die Welt der Seehunde. 128 p. Verlag Soltau-Kurier-Norden, Edition Ostfriesland Magazin, EUR 24,80

Another book about seals? Aren't there enough? Yes – there are a lot them but not such a

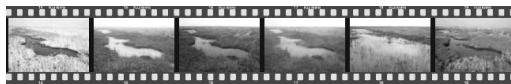
kind as the one by Armin Maywald, who has been dealing with the Wadden Sea for over 20 years.

For his newest book he spend over months on a sandbank near Helgoland to get an insight in the daily life of seals. The effort was get rewarded and resulted in a fascinating book with beautiful photos of harbour and grey seals. They are complemented with well-founded text translating recent scientific knowledge into comprehensible language. Especially this combination makes the book so exceptionally and recommendable for all type of readers.



the same time during 1 January – 31 December 2002. The photos convey exceptional views of a fascinating landscape. Changes in nature, short-term light situations full of atmosphere, rapidly changing cloud formations, changing tides and the turn of the seasons become visible in fast motion.

Several exhibitions are planned during 2003 and 2004 and are strongly recommended. The project can also be visited on a website ([www.wandel-im-watt.de](http://www.wandel-im-watt.de)). However, the small resolution on a PC screen gives only a very limited impression of the fascinating motives – hopefully, the intended book will be published soon.



## Recreation in the Wadden Sea

Recreatie in, op en rond de Waddenzee. 163 p. Report of the Stichting Recreatie, Kennis- en Innovatiecentrum, February 2003, Den Haag.

Who has not yet been to the Wadden Sea on vacation? The Wadden Sea is an important

region for recreation and tourism – but how important? A lot is known about other topics like nature conservation or fisheries whereas recreation and tourism has not yet been dealt with in detail. The report attempts to give an overview on this topic which can serve as basis for further policy and management decisions. Very detailed figures are compiled concerning visitor statistics, recreational activities and infrastructure as well as economic importance.

The report can be ordered at the Stichting Recreatie, Kennis- en Innovatiecentrum, Raamweg 19, NL 2596 HL Den Haag, e-mail: [secretariaat@kicrecreatie.agro.nl](mailto:secretariaat@kicrecreatie.agro.nl).



## Wadden Sea in Change

„Watt im Wandel“- a common project of the National Park Agency and the „NationalparkService gGmbH“, coordination Martin Stock, National Park Agency, Tönning.

“The Wadden Sea is a highly dynamic ecosystem” – this phrase can be read, mostly as one of the first sentences, in all Wadden Sea related publications. It is often illustrated by graphs, figures, statistics and models – but who has really seen these changes? Which daily, seasonal or long-term changes occur at a specific site? How do these changes differ between various sites? Often, we sense that we have only vague ideas about the rhythm of tides and the tempo of changes in nature.

“Watt im Wandel” attempts to visualize these changes. At six sites in the National Park, photographs of the same sector were taken every day at

