



Book Reviews

MANUAL ON ARTIFICIAL NOURISHMENT A committee of RIJKSWATERSTAAT (MINISTRY OF PUBLIC WORKS, NETHERLANDS) produced two versions of **MANUAL ON ARTIFICIAL NOURISHMENT**. Let it be said from the beginning that it is an excellent book. The English version (ISBN 90.212.6078.6, 195p.) is published by CUR, P. O. Box 420, 2800 AK GOUDA at \$35/copy. The Dutch parent-book **HANDBOEK ZAND-SUPPLETIES**, ISBN 90.212.3134.4, 310p.) is published by Waltman, P. O. Box 3150, 2601 DD Delft, Netherlands at \$12/copy. Airmail to the United States and other Overseas areas is approximately \$10.

The two books deal with virtually all design and construction problems associated with beach nourishment. They give the state of the art, of course slanted somewhat towards Dutch experience. They cover basic and applied aspects and economics as well, including optimization procedures. Their range extends from preparatory surveys, over execution of works to monitoring. Maintenance procedures, dune erosion, beach trimming, dune vegetation are also dealt with. A special section explains coastal numerical modelling.

The two books differ from each other not only

in languages but in that administrative aspects with particular reference to The Netherlands are treated more extensively in the Dutch version. But "foreign readers" may benefit from the Dutch perspective as well.

Some material was borrowed from US sources, mainly the US Army Corps of Engineers which is properly credited. Figures and Tables are illustrative and well done. It is, therefore, difficult to fault either of the two books. Referencing could be more comprehensive and bypassing and backpassing are not dealt with specifically as these subjects are of less interest in Holland. The use of jet or fluidization pumps is not included, as this is very new. The same is true for profile nourishment, now becoming increasingly popular (Australia, Denmark, and the United States).

The two books first of all are GOOD. Placement of sand on the beach or, rather, in the profile out to a certain depth to relieve erosion problems is technically achievable, environmentally safe and most often it also provides the most economical solution to erosion problems.

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BOOKS RECEIVED

Monitoring Completed Coastal Projects: Operational Assessment of Floating Breakwaters, Puget Sound, Washington,

by Eric E. Nelson and J. Michael Hemsley, 1988. Department of the Army, Vicksburg, Mississippi, Miscellaneous Paper CERC-88-6.