



## **COVER PHOTOGRAPH AND FRONT MATTER: FOREDUNES IN WINTER NEAR HOOK OF HOLLAND, THE NETHERLANDS**

Source: Journal of Coastal Research, 28(1A)

Published By: Coastal Education and Research Foundation

URL: <https://doi.org/10.2112/1551-5036-28.1A.ii>

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## COVER PHOTOGRAPH



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**COVER PHOTOGRAPH: FOREDUNES IN WINTER NEAR HOOK OF HOLLAND, THE NETHERLANDS**

From "white dunes" to "grey dunes": these dynamic foredunes with Marram grass near Hook of Holland will undergo a new development as more inland and stable dunes. Between 2008–2009, a new dune area of 250 m wide and 1500 m long was constructed between them and the North Sea (top left) by beach nourishment. The nourishment (6 million m<sup>3</sup>) was constructed as a compensation for the loss of rare dune environments nearby, which are under protection of the European Natura 2000 network. These losses were predicted as amongst the impacts of the new harbour developments of the port of Rotterdam (extension Maasvlakte 2). In the management plan for the new dune area, these foredunes (at present named "white dunes" with mobile sand and *Ammophila arenaria*, Marram grass) will gradually develop into "grey dunes" (mainly stable with species-rich short moss- and grassland). Besides grey dunes, the new dune area also aims at the development of rare moist dune valley vegetation.

(Photograph by Frank van der Meulen, Deltares & UNESCO-IHE, Delft, The Netherlands, February 2010)

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Periodicals postage paid at Lawrence, KS, and additional mailing offices. POSTMASTER: Send address changes to *Journal of Coastal Research*, Allen Press Association Management, P.O. Box 1897, Lawrence, KS 66044.

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Dr. Charles W. Finkl is President and Executive Director of the Coastal Education & Research Foundation [CERF], publisher of the JCR. Charlie, a founding editor of the *Journal of Coastal Research*, has served as Editor-in-Chief for the past 27 years. He is a Research Professor in the Department of Geosciences at Florida Atlantic University in Boca Raton, Florida. He received his Bachelor and Master of Science degrees from Oregon State University and the Ph.D. from the University of Western Australia. He is a member of more than 20 professional societies and has published more than 200 professional papers, books, and reports. He is a Chartered Marine Scientist (CMarSci) [Institute of Marine Engineering, Science and Technology], Certified Professional Geological Scientist (CPGS) [American Institute of Professional Geologists (AIPG)], Certified Professional Soil Scientist (CPSSc) [American Registry of Certified Professionals in Agronomy, Crops, and Soils], and a Professional Wetland Scientist (PWS) [Society of Wetland Scientists]. Charlie has field experience in parts of the USA, Caribbean area, Brazil, Honduras, Russia, South Africa, Western Europe, Australasia, and South Pacific islands. He is also the Series Editor of the Encyclopedia of Earth Sciences Series that is published by Springer (Germany). There are more than twenty-eight volumes in the Series and about twenty-five are available online. Charlie also serves on the Editorial Board of the *International Journal of Environmental Studies* (Routledge) and is an occasional peer reviewer for many other professional journals.

Charlie has interests and expertise in the general areas of surficial geology, coastal and marine geomorphology (including coastal classification), coastal/marine biophysical environments, exploration geochemistry, soils and weathering (regolith geology), coastal zone management and engineering applications or impacts on natural systems (including erosion control and shore protection), coastal hydrology including submarine freshwater and mineralized seeps, subaerial and marine structural geology, natural hazard mitigation in coastal zones, marine environments and coastal wetland protection and restoration, and remote sensing (e.g. land cover classification in coastal wetlands, advection-diffusion turbidity plumes in coastal waters, delineation of bottom types and sand resources), effluent disposal and pollution of wetlands and estuaries, water resources mapping and conservation, time series studies of wetland hydroperiod and soil moisture.

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# JOURNAL OF COASTAL RESEARCH

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*Journal of Coastal Research*, an International Forum for the Littoral Sciences, is dedicated to all aspects of coastal research. These include geology, biology, geomorphology (physical geography), climate, littoral oceanography, hydrography, coastal hydraulics, environmental (resource) management, engineering, and remote sensing. Although each field functions effectively within its own purview, the cross-disciplinary nature of coastal studies requires familiarity with other fields as well. Hence, the scope of topics is necessarily broad in order to address the complexity of coastal biophysical and socio-economic interactions. Because of the wide range of interrelated topics, the journal invites original contributions and manuscripts dealing with theory, methodology, techniques, and field or applied topic studies on interdisciplinary coastal issues.

The journal encourages the dissemination of knowledge and understanding of the coastal zone by promoting cooperation and communication between specialists in different disciplines. Natural scientists, for example, are encouraged to collaborate with professionals in other fields to prepare contributions relating to the coastal zone that foster increased appreciation of coastal environments and processes. By means of this journal, with its scholarly and professional papers, systematic review articles, book and symposia reviews, communications and news, and special topical issues, an international forum for the development of integrated coastal research is provided.

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