

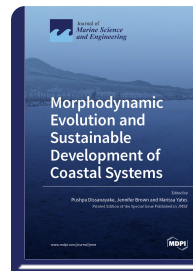
Special Issue Reprint

Morphodynamic Evolution and Sustainable Development of Coastal Systems

www.mdpi.com/books/reprint/6063

Edited by
Pushpa Dissanayake
Jennifer Brown
Marissa Yates

ISBN 978-3-0365-4907-1 (Hardback)
ISBN 978-3-0365-4908-8 (PDF)



Coastal systems are unique environments that provide socioeconomic benefits via a variety of different functions. These functions are influenced by changing morphology, which results from erosion and sedimentation at different spatiotemporal scales, from both natural forcing and human interventions. Additionally, interactions between coastal processes and coastal engineering works leads to both positive and negative impacts. These dynamics are expected to continually change with flood and erosion hazards increasing in the future due to changes in sea level rise and wave climate, and the acceleration of anthropogenic effects. Understanding the forcing factors, natural morphodynamic evolution, and response to potential future scenarios will help coastal policy makers to define suitable adaptation strategies and to assure the sustainable use of coastal systems, which allows us to further enjoy the numerous socioeconomic and environmental benefits.

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.