

Dynamics of Estuarine Muds

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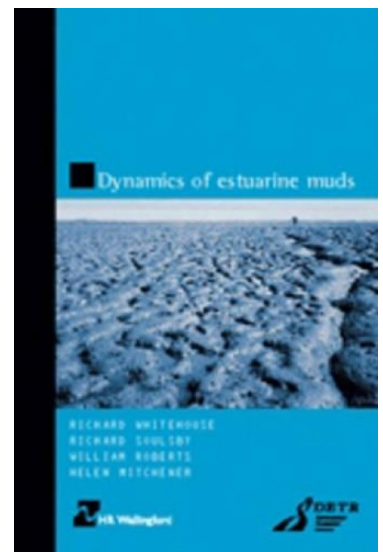
H Mitchener

About the Book

The ability to predict the movement of cohesive sediment within coastal, estuarine or inland waters has a significant economic and ecological importance in the development of new engineering works and the maintenance of existing installations. Dynamics of estuarine muds clearly describes the most up-to-date developments in this field and contains information about improved procedures and how they can be applied to a variety of engineering projects.

Drawing on a wide range of new data and new concepts in mud research, this concise volume presents the main processes of cohesive sediment behaviour, namely, erosion, transport, deposition and consolidation. It includes subsections on Knowledge, intended to show the practising engineer which parameters are important in each of the processes and Procedure, which will enable broad estimates of erosion, transport, deposition and consolidation to be made based on knowledge of the site conditions.

Dynamics of estuarine muds is essential reading for the practising engineer who is involved in coastal, estuarine or inland water construction. A companion volume to Dynamics of marine sands, this excellent book provides invaluable information about this complex topic in a readily accessible manner.



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