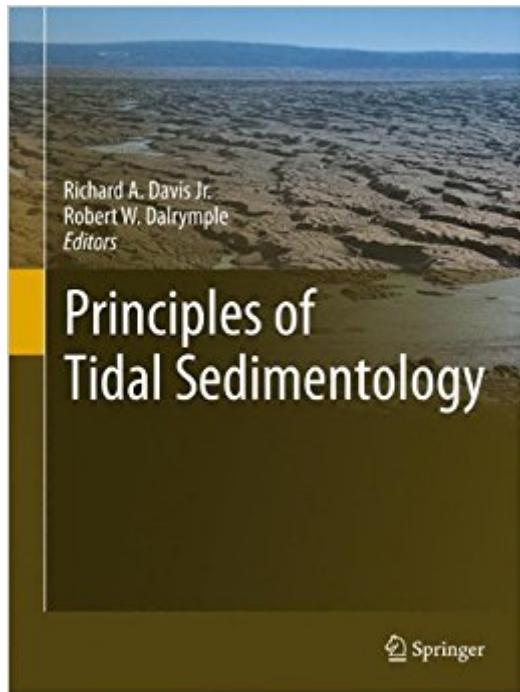


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Principles Of Tidal Sedimentology



Synopsis

This bookÂ Â presents a comprehensive,Â Â contemporary review of tidal environments and deposits.Â Â Individual chapters, each written by world-class experts, cover the full spectrum of coastal, shallow-marine and even deep-marine settings where tidal action influences or controls sediment movement and deposition. Both siliciclastic and carbonate deposits are covered.Â Â Various chapters examine the dynamics of sediment transport by tides, and the morphodynamics of tidal systems.Â Â Several chapters explore the occurrence of tidal deposits in the stratigraphic context of entire sedimentary basins.Â Â This bookÂ Â is essential reading for both coastal geologists and managers, and geologists interested in extracting hydrocarbons from complex tidal successions.

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From the reviews:Â¢â ¬Â“This substantial collection of papers owes its origins to the series of International Conferences on Tidal Sedimentology that were initiated back in 1973 Â¢â ¬Â|. There is certainly a consistency in approach and also presentation that is lacking in so many edited volumes. The book is exceptionally well illustrated Â¢â ¬Â|. Principles of Tidal Sedimentology provides a very welcome synthesis of recent advances in this field and is definitely a volume that anyone seriously interested in tidal sedimentology will want to have.Â¢â ¬Â• (Jon French, Geological Magazine, April, 2012)Â¢â ¬Â“The book under review contains outstanding chapters on tidal rhythmites, ichnofacies, facies architecture of tidal inlets, the sedimentology of muddy

alongshore tidal flats of open coasts, processes, a state-of-the-art review of bedforms and sedimentary products of some examples of shallow-marine tide-dominated environments. The book may therefore be useful for those who are interested in one or more of these aspects. (J. H. (Janrik) van den Berg, *The Sedimentary Record*, June, 2012)

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