

1. Record Nr.	UNINA9910138875903321
Titolo	Tidal signatures in modern and ancient sediments // edited by B. W. Fleming and A. Bartholoma
Pubbl/distr/stampa	Oxford, [England] : , : Blackwell Science, , 1995 ©1995
ISBN	1-282-17198-4 9786612171987 1-4443-0413-5 1-4443-0414-3
Descrizione fisica	1 online resource (382 p.)
Collana	Special Publication Number 24 of the International Association of Sedimentologists
Disciplina	551.3/6 551.303 551.36
Soggetti	Sediments (Geology) Marine sediments Tidal currents Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Tidal Signatures in Modern and Ancient Sediments; Contents; Preface; Modern Tidal Processes and Sediment Dynamics; What is a bedload parting?; Hydraulic roughness of tidal channel bedforms, Westerschelde estuary, The Netherlands; Bedforms on the Middelkerke Bank, southern North Sea; Storm-enhanced sand transport in a macrotidal setting, Queen Charlotte Islands, British Columbia, Canada; Modern Tide-dominated Environments and Facies; Occupation of a relict distributary system by a new tidal inlet, Quatre Bayou Pass, Louisiana Morphological response characteristics of the Zoutkamperlaag, Frisian inlet (The Netherlands), to a sudden reduction in basin areaSedimentological implications of morphodynamic changes in the ebb-tidal delta, the inlet and the drainage basin of the Zoutkamperlaag

tidal inlet (Dutch Wadden Sea), induced by a sudden decrease in the tidal prism; Stratigraphy of a combined wave- and tide-dominated intertidal sand body: Martens Plate, East Frisian Wadden Sea, Germany; Sedimentation in the mesotidal Rias Bajas of Galicia (north-western Spain): Ensenada de San Simon, Inner Ria de Vigo
Holocene estuarine facies along the mesotidal coast of Huelva, south-western Spain
The tidal character of fluvial sediments of the modern Mahakam River delta, Kalimantan, Indonesia; Tidal lamination and facies development in the macrotidal flats of Namyang Bay, west coast of Korea; Patterns of sedimentation in the macrotidal Fly River delta, Papua New Guinea; Foraminifers as facies indicators in a tropical macrotidal environment: Torres Strait-Fly River delta, Papua New Guinea
Submarine cementation in tide-generated bioclastic sand dunes: epicontinental seaway, Torres Strait, north-east Australia
Ancient Tidal Processes and Sediment Dynamics; Reconstruction of tidal inlet and channel dimensions in the Frisian Middelzee, a former tidal basin in the Dutch Wadden Sea; Comparison of ancient tidal rhythmites (Carboniferous of Kansas and Indiana, USA) with modern analogues (the Bay of Mont-Saint-Michel, France); Ancient Tide-dominated Environments and Facies
Sequence stratigraphy of the late Pleistocene Palaeo-Tokyo Bay: barrier islands and associated tidal delta and inlet
Diurnal inequality pattern of the tide in the upper Pleistocene Palaeo-Tokyo Bay: reconstruction from tidal deposits and growth-lines of fossil bivalves; Climbing ripples recording the change of tidal current condition in the middle Pleistocene Shimosa Group, Japan; Internal geometry of ancient tidal bedforms revealed using ground penetrating radar; Tide-dominated sedimentation in the upper Tertiary succession of the Sitapahar anticline, Bangladesh
Evidence of tidal influence in the Murree Group of rocks of the Jammu Himalaya, India

Sommario/riassunto

This IAS Special Publication contains 23 papers presented at the 3rd International Research Symposium on Modern and Ancient Clastic Tidal Deposits. This symposium series has an enviable international reputation for its quality, and so the contributions represent the latest developments in the field. The conference was preceded and followed by a number of field trips to some of the most prominent tidal flat and barrier island systems of continental Europe, and these have been written up as overview papers that summarize the current state of knowledge about these various tidal regions. T
