



## Sediment Fluxes on Coastal Areas

By Manaan, Mohamed / Robin, Marc

Book Condition: New. Publisher/Verlag: Springer Netherlands | This book presents a detailed analysis and synthesis of the processes affecting sediments fluxes from watershed to worldwide coastal systems. The volume provides a comprehensive overview and constitutes a systematic description of the response of coastal systems to global and local changes, like climate change, sea level, land use and land cover change. The case studies cover a sequence of coastal environments such as lagoons, bays, estuaries, deltas and beaches. Sediment Fluxes in Coastal Areas is designed for researchers, professionals and for course-use in hydrology, oceanography, geography, geology, geomorphology and environmental science. | Preface.- Part I: Sediment Fluxes Changes Link to Climatic Change during Holocene.- The "Turritella Layer": a Potentiel Proxy of a Drastic Holocene Environmental Change on the North-east Atlantic Coast.- The Influence of Recent Deglaciation and Associated Sediment Flux on the Functioning of Polar Coastal Zone - Northern Petuniabukta, Svalbard.- Geomorphic Changes in the Rhône Delta during the LIA: Input from the Analysis of Ancient Maps.- Part II: Studies CAS about Sediment Fluxes in Three Different Climatic Zones (Wet tropical, Semi-arid, Temperate) during Anthropocene.- Mud and Sand Flux in a Context of Sediment Heterogeneity on the Mud-dominated Coast of French Guiana.-...



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