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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Modern and Ancient Fluvial Systems; Contents; Introduction; Hydrodynamics and bedforms; On the interactions between turbulent flow, sediment transport and bedform mechanics in channelized flows; River bedforms: progress and problems; Changes in bedform dimensions under unsteady flow conditions in a straight flume; Flume experiments on bedforms and structures at the dune-plane bed transition; Present-day channel processes; River channel changes: retrospect and prospect; Distribution of main flow velocity in alternating river bends Changing size distribution of suspended sediment in arid-zone flash floods Trapping and tracing: some recent observations of supply and transport of coarse sediment from upland Wales; Meander changes in relation to bend morphology and secondary flows; Lateral accretion of fine-grained concave benches on meandering rivers; Alluvial cutoffs in Wales and the Borderlands; Anastomosed fluvial deposits: modern

examples from Western Canada; Pattern of instability in a wandering gravel bed channel; Bar development and channel changes in the gravelly River Feshie, Scotland

Morphology and sedimentology of a sinuous gravel-bed channel system: lower Babbage River, Yukon coastal plain, Canada Channel morphology and processes at the riverine-estuarine transition, the Raritan River, New Jersey; High-magnitude floods and stream channel response; Palaeohydrologic analysis of Holocene flood slack-water sediments; Present channel stability and late Quaternary valley deposits in northern Mississippi; Proglacial channel systems: change and thresholds for change over long, intermediate and short time-scales Facies sequences associated with some braided river deposits of late Pleistocene age from Southern Britain Facies models; Basin analysis of fluvial sediments; Tabular cross-bedding in Messinian fluvial channel conglomerates, Southern Alps, Italy; Gravel bars in low-sinuosity streams (Permian and Triassic, central Spain); Coarse-grained meander lobe deposits in the Jarama River, Madrid, Spain; Coastal alluvial fans and associated marine facies in the Miocene of S.W. Turkey; Lithofacies of the Markanda terminal fan, Kurukshetra district, Haryana, India Towards the field classification of alluvial architecture or sequence Sandy fluvial point-bar sediments from the Middle Eocene of Dorset, England; Possible suspended-load channel deposits from the Wealden Group (Lower Cretaceous) of Southern England; Modern anastomosing-fluvial deposits in arid Central Australia, and a Carboniferous analogue in New Brunswick, Canada; Transient streams in sand-poor redbeds: early-Middle Eocene Kuldana Formation of northern Pakistan

Morphological characteristics of ephemeral stream channel and overbank splay sandstone bodies in the Permian Lower Beaufort Group, Karoo Basin, South Africa

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