

1. Record Nr.	UNINA9910143139503321
Titolo	Modern and ancient fluvial systems // edited by J.D. Collinson and J. Lewin
Pubbl/distr/stampa	Oxford, [England] : , : Blackwell Scientific Publications, , 1983 ©1985
ISBN	1-282-17149-6 9786612171499 1-4443-0377-5 1-4443-0378-3
Descrizione fisica	1 online resource (585 p.)
Collana	Special publication number 6 of the International Association of Sedimentologists ; ; Number 6
Disciplina	551.48/3 551.483
Soggetti	Watersheds Facies (Geology) Mines and mineral resources 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.
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
