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Nota di contenuto	Fluvial Sedimentology VI; Contents; Preface; Sediment Transport and Bedforms; Turbulent sand suspension over dunes; Dune growth, decay and migration rates during a large-magnitude flood at a sand and mixed sand-gravel bed in the Dutch Rhine river system; Bedforms of the middle reaches of the Tay Estuary, Scotland; Flow structure and transport of sand-grade suspended sediment around an evolving braid bar, Jamuna River, Bangladesh; Modern Fluvial Environments; Effective discharge for overbank sedimentation on an embanked floodplain along the River Waal, The Netherlands RADARSAT imaging of the 1997 Czech Republic floodThe role of overbank flow in governing the form of an anabranching river: the Fitzroy River, northwestern Australia; Downstream changes in

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The geochemical and mineralogical record of the impact of historical mining within estuarine sediments from the upper reaches of the Fal Estuary, Cornwall, UKAvulsion: Modern and Ancient; Causes of avulsion: an overview; Avulsion and crevassing in the sandy, braided Niobrara River: complex response to base-level rise and aggradation; Contrasting styles of Holocene avulsion, Texas Gulf Coastal Plain, USA; Pemiscot Bayou, a large distributary of the Mississippi River and a possible failed avulsion
Gradual avulsion, river metamorphosis and reworking by underfit streams: a modern example from the Brahmaputra River in Bangladesh and a possible ancient example in the Spanish PyreneesHolocene avulsion history of the lower Saskatchewan fluvial system, Cumberland Marshes, Saskatchewan-Manitoba, Canada; Recognizing avulsion deposits in the ancient stratigraphical record; Controls on River Systems and Alluvial Successions; The use of models in the interpretation of the effects of base-level change on alluvial architecture
Subsidence rates and fluvial architecture of rift-related Permian and Triassic alluvial sediments of the southeast Iberian Range, eastern SpainDrainage evolution in active mountain belts: extrapolation backwards from present-day Himalayan river patterns; Controls on the sedimentology of the November 1996 jokulhlaup deposits, Skei; Alluvial Facies and Architecture; The influence of aggradation rate on braided alluvial architecture: field study and physical scale-modelling of the Ashburton River gravels, Canterbury Plains, New Zealand
Sedimentary facies from ground-penetrating radar surveys of the modern, upper Burdekin River of north Queensland, Australia: consequences of extreme discharge fluctuations

Sommario/riassunto

Understanding of rivers and their sediments, both as modern systems and as ancient counterparts in the geological record, has progressed steadily but markedly over the past several decades, with contributions by practitioners in diverse fields of geosciences and engineering. This book contains 31 papers, with authors from 13 countries, who participated in the Sixth International Conference on Fluvial Sedimentology held in Cape Town, South Africa, in 1977. True to the nature of these quadrennial conferences, the papers in this book discuss a broad range of fluvial subjects that include the char