

Contents

Acknowledgements	vi
JONES, S. J. & FROSTICK, L. E. Introduction	1
HALL, R. & NICHOLS, G. Cenozoic sedimentation and tectonics in Borneo: climatic influences on orogenesis	5
STOKES, M., MATHER, A. E. & HARVEY, A. M. Quantification of river-capture-induced base-level changes and landscape development, Sorbas Basin, SE Spain	23
THAMÓ-BOZSÓ, E., KERCSMÁR, Z. & NÁDOR, A. Tectonic control on changes in sediment supply: Quaternary alluvial systems, Körös sub-basin, SE Hungary	37
TROPEANO, M., SABATO, L. & PIERI, P. Filling and cannibalization of a foredeep: the Bradanic Trough, Southern Italy	55
FROSTICK, L. E. & JONES, S. J. Impact of periodicity on sediment flux in alluvial systems: grain to basin scale	81
BREWER, P. A. & PASSMORE, D. G. Sediment budgeting techniques in gravel-bed rivers	97
FULLER, I. C., PASSMORE, D. G., HERITAGE, G. L., LARGE, A. R. G., MILAN, D. J. & BREWER, P. A. Annual sediment budgets in an unstable gravel-bed river: the River Coquet, northern England	115
MILLAN, D. J., HERITAGE, G. L. & LARGE, A. R. G. Tracer pebble entrainment and deposition loci: influence of flow character and implications for riffle-pool maintenance	133
RICHARDS, K. Drainage basin structure, sediment delivery and the response to environmental change	149
TIPPER, J. C. A fractionation model for sediment delivery	161
JONES, S. J. Transverse rivers draining the Spanish Pyrenees: large scale patterns of sediment erosion and deposition	171
BOGAART, P. W., VAN BALEN, R. T., VANDENBERGHE, J. & KASSE, C. Process-based modelling of the climate forcing of fluvial sediment flux: some examples and a discussion of optimal model complexity	187
EVANS, G. & ARCHE, A. The flux of siliciclastic sediment from the Iberian Peninsula with particular reference to the Ebro	199
McMANUS, J. The history of sediment flux to Atchafalaya Bay, Louisiana	209
POULOS, S. E. & COLLINS, M. B. Fluvial sediment fluxes to the Mediterranean Sea: a quantitative approach and the influence of dams	227
POULOS, S. E., VOULGARIS, G., KAPSIMALIS, V., COLLINS, M. B. & EVANS, G. Sediment fluxes and the evolution of a riverine-supplied tectonically-active coastal system: Kyparissiakos Gulf, Ionian Sea (eastern Mediterranean)	247
REEDER, M. S., STOW, D. A. V. & ROTHWELL, R. G. Late Quaternary turbidite input into the east Mediterranean Basin: new radiocarbon constraints on climate and sea-level control	267
Index	279