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Nota di contenuto	Gravel-bed Rivers: Processes, Tools, Environments; Contents; List of Contributing Authors; Preface; SECONDARY FLOWS IN RIVERS; 1 Secondary Flows in Rivers: Theoretical Framework, Recent Advances, and Current Challenges; 2 Secondary Flows in Rivers: The Effect of Complex Geometry; 3 Aspects of Secondary Flow in Open Channels: A Critical Literature Review; SEDIMENT TRANSPORT; 4 Gravel Transport in Granular Perspective; 5 On Gravel Exchange in Natural Channels; MODELLING MORPHODYNAMICS; 6 Morphodynamics of Bars in Gravel-bed Rivers: Bridging Analytical Models and Field Observations 7 Field Observations of Gravel-bed River Morphodynamics: Perspectives and Critical Issues for Testing of Models8 Morphodynamics of Bars in Gravel-bed Rivers: Coupling Hydraulic Geometry and Analytical Models; 9 Modelling Sediment Transport and Morphodynamics of Gravel-bed Rivers; 10 The Potential of using High-resolution Process Models to

Inform Parameterizations of Morphodynamic Models; 11 The Importance of Off-channel Sediment Storage in 1-D Morphodynamic Modelling; RIVER RESTORATION AND REGULATION; 12 Stream Restoration in Gravel-bed Rivers; 13 River Restoration: Widening Perspectives
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Gravel-Bed Rivers: Processes, Tools, Environments presents a definitive review of current knowledge of gravel-bed rivers, derived from the 7th International Gravel-bed Rivers Workshop, the 5-yearly meeting of the world's leading authorities in the field. Each chapter in the book has been specifically commissioned to represent areas in which recent progress has been made in the field. The topics covered also represent a coherent progression through the principal areas of the subject (hydraulics; sediment transport; river morphology; tools and methods; applications of science)
