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| Collana                 | Special publication number 36 of the International Association of Sedimentologists  |
| Altri autori (Persone)  | Sambrook Smith Gregory H  |
| Disciplina              | 333.91/62   |
| Soggetti                | Braided rivers  |
| 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 and index.  |
| Nota di contenuto       | Braided rivers : where have we come in 10 years? : progress and future needs -- Greg Sambrook Smith ... [et al.] -- Depositional models of braided rivers -- John S. Bridge and Ian A. Lunt -- A sedimentological model to characterize braided river deposits for hydrogeological applications / Peter Huggenberger and Christian Regli -- Scaling and hierarchy in braided rivers and their deposits : examples and implications for reservoir modelling / Sean Kelly -- Approaching the system-scale understanding of braided river behaviour / Stuart N. Lane -- Cellular modelling of braided river form and process / A.P. Nicholas, R. Thomas, and T.A. Quine -- Numerical modelling of alternate bars in shallow channels / A. Bernini, V. Caleffi, and A. Valiani -- Methods for assessing exploratory computational models of braided rivers / Andrea B. Doeschl, Peter E. Ashmore, and Matt Davison -- Bed load transport in braided gravel-bed rivers / Christian Marti and Gian Reto Bezzola -- Sediment transport in a microscale braided stream : from grain size to reach scale -- P. Meunier and F. Metivier -- Morphological analysis and |

prediction of river bifurcations / Guido Zolezzi, Walter Bertoldi, and Marco Tubino -- Braided river management : from assessment of river behaviour to improved sustainable development / Herve Piegay ... [et al.] -- Bank protection and river training along the braided Brahmaputramuna River, Bangladesh / Erik Mosselman -- Morphological response of the Brahmaputra-Padma-Lower Meghna river system to the Assam earthquake of 1950 / Maminul Haque Sarker and Colin R. Thorne -- Use of remote-sensing with two-dimensional hydrodynamic models to assess impacts of hydro-operations on a large, braided, gravel-bed river : Waitaki River, New Zealand / D. Murray Hicks ... [et al.] -- Effects of human impact on braided river morphology : examples from northern Italy / Nicola Surian -- Ecology of braided rivers / Klement Tockner ... [et al.] -- Riparian tree establishment on gravel bars : interactions between plant growth strategy and the physical environment / Robert A. Francis ... [et al.].

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### Sommario/riassunto

This important book brings together eighteen cutting-edge research papers first presented at the Second International Conference on Braided Rivers. It includes the latest research on the dynamics, deposits and ecology of these rivers. <br /> <ul class=""noindent"">  
<li>Essential reading for geomorphologists, earth scientists, engineers and ecologists with a pure and applied interest in the study, modelling and management of braided rivers.</li> </ul>

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