

1. Record Nr.	UNINA9910810876603321
Titolo	Sediment cascades : an integrated approach // edited by Tim Burt, Robert Allison
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, NJ, : Wiley, 2010
ISBN	1-282-68999-1 9786612689994 0-470-68287-6 0-470-68286-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (483 p.)
Altri autori (Persone)	BurtT. P AllisonR. J (Robert J.)
Disciplina	627/.122
Soggetti	Sediment transport Sedimentation and deposition Sediments (Geology)
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	Sediment Cascades: An Integrated Approach; Contents; Contributors; Preface; 1 Sediment Cascades in the Environment: An Integrated Approach; 2 Mountains and Montane Channels; 3 Landslides and Rockfalls; 4 Sediment Cascades in Active Landscapes; 5 Pacific Rim Steeplands; 6 Local Buffers to the Sediment Cascade: Debris Cones and Alluvial Fans; 7 Overland Flow and Soil Erosion; 8 Erosional Processes and Sediment Transport in Upland Mires; 9 Gravel-Bed Rivers; 10 The Fine-Sediment Cascade; 11 Streams, Valleys and Floodplains in the Sediment Cascade; 12 Lakes and Reservoirs in the Sediment Cascade 13 Continental-Scale River Basins14 Estuaries; 15 The Continental Shelf and Continental Slope; Index
Sommario/riassunto	Sediment Cascades: An Integrated Approach provides a comprehensive overview that addresses the transport of sediment through the landscape. Suitable for academic researchers, industry practitioners, research students and advanced level undergraduates, seeking detailed knowledge and an up-to-date review of the recent research literature. The emphasis is on contemporary sediment system dynamics with

relevance both to landscape management and landform development.
Sediment Cascades: An Integrated Approach begins with an explanation
of the need for an integrated approach to sed
