

1. Record Nr.	UNINA9911019116603321
Titolo	Flood and megaflood processes and deposits : recent and ancient examples // edited by I. Peter Martini, Victor R. Baker and Guillermina Garzon
Pubbl/distr/stampa	Oxford ; ; Malden, MA, : Blackwell Science, 2002
ISBN	9786612042386 9781444304299 1444304291 9781282042384 1282042386 9781444304305 1444304305
Descrizione fisica	1 online resource (322 p.)
Collana	Special publication no. 32 of the International Association of Sedimentologists
Altri autori (Persone)	Martinil. P <1935-> (Ireneo Peter) BakerVictor R GarzonG (Guillermina)
Disciplina	551.48/9 551.489
Soggetti	Floods Sedimentation and deposition
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	""Alluvial-fan sedimentation from a glacial-outburst flood, Lone Pine, California, and contrasts with meteorological flood deposits""T. C. BLAIR""; ""Alluvial fans in the Italian Alps: sedimentary facies and processes""; ""A. MOSCARIELLO, L. MARCHI, F. MARAGA and G. MORTARA""; ""Analysis of terrestrial hyperconcentrated flows and their deposits""; ""M.BENVENUTI and I.P. MARTINI""; ""Catastrophic debris-flow deposits from an inferred landslide-dam failure, Eocene Berga Formation, eastern Pyrenees, Spain""; ""E. SAULA, E. EMILI MATO and C. PUIGDEFABREGAS"" ""Special cases""""Sedimentary traces as indicator of temporary ice-marginal channels in the Westphalian Bight, Germany""; ""J. HERGET"";

""Outlet glaciers of the Pleistocene ( LGM) south Tibetan ice sheet between Cho Oyu and Shisha Pangma as potential sources of former megafloods""; ""M.KUHLE""; ""Index""

---

Sommario/riassunto

The aim of this publication is the understanding of large floods and their impact on the Earth's surface. The major objectives are: 1) to take a second look at what constitutes a megaflood that the principle of uniformitarianism is at some loss to explain and 2) to try to determine what could happen in such large floods by analyzing those that occur in front of glaciers, in alluvial-fans and in alluvial valleys. The products of these floods are presented in terms of sedimentary deposits, erosional features and damage to human activities. The volume bears out the concept that sedimentologica

---