1. Record Nr. UNINA9910986132003321

Autore	Pierson Thomas C
Titolo	Deposits of Volcanic Wet Flows : Identifying Deposits of Lahars, Debris Avalanches, and Water Floods in Volcanic Terrain / / by Thomas C. Pierson, Lee Siebert, Kevin M. Scott
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031665745 3031665740
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (555 pages)
Collana	Advances in Volcanology, An Official Book Series of the International Association of Volcanology and Chemistry of the Earth's Interior, , 2364-3285
Altri autori (Persone)	SiebertLee ScottKevin M
Disciplina	551.21
Soggetti	Geology Sedimentology Geomorphology Mineralogy Natural disasters Natural Hazards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Deposits Emplaced by Volcanic Wet Flows -- Scaling and Timing of Volcanic Wet-Flows in Response to Eruptions -- Criteria for Deposit Identification -- Lahars—Process Overview -- Lahar Deposits—Debris-Flow Type -- Lahar Deposits—Hyperconcentrated-Flow Type -- Volcanic Debris Avalanches—Process Overview -- Volcanic Debris-Avalanche Deposits -- Volcanic Water Floods—Process Overview -- Volcanic Water-Flood Deposits -- Other Deposits Containing Volcanic Rock Particles -- Deposit Identification: Key and Summary Tables -- Annotated Outcrop Photographs: Volcanic Wet-Flow Deposits and Other Unconsolidated Volcanic Deposits -- Index.
Sommario/riassunto	This book strives to fill in the following gaps. First, there is no comprehensive descriptive treatment of deposits emplaced by lahars, debris avalanches, and muddy floods at volcanoes. Second, until now

there has not been a comprehensive effort to describe and differentiate the full range of fragmental deposits on volcanoes—the initially wet volcaniclastic mass-flow and fluid-flow deposits usually studied by geomorphologists and sedimentologists, the initially dry pyroclastic mass-flow, fluid-flow, and tephra-fall deposits studied by volcanologists, and the deposits transported and deformed by flowing glacier ice that are studied by glacial geologists. All these deposits are mainly composed of volcaniclastic particles, are deposited on the flanks of volcanoes, all these deposits are mainly composed of volcanic particles and can closely resemble one another. Third, all these processes have vastly different hazard implications, so a means for reliable identification of past processes from deposits is critical for hazard assessment.

2. Record Nr. UNICAMPANIAVAN00268403

Autore	Kubert, Daniel S.
Titolo	Modular Units / Daniel S. Kubert, Serge Lang
Pubbl/distr/stampa	New York, : Springer-Verlag, 1981
Descrizione fisica	xiv, 360 p. : ill. ; 24 cm
Altri autori (Persone)	Lang, Serge
Soggetti	11-XX - Number theory [MSC 2020] 11F11 - Holomorphic modular forms of integral weight [MSC 2020] 11G16 - Elliptic and modular units [MSC 2020] 11R18 - Cyclotomic extensions [MSC 2020] 14-XX - Algebraic geometry [MSC 2020] 14G25 - Global ground fields [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia