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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 volcanoclastic 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 volcanoclastic 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.
