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Nota di contenuto	Front Cover; Contents; Preface; Organization; Sponsors; Invited papers; Swiss strategy for integrated risk management: Approaches to flood protection and river restoration; Revitalization of rivers in Switzerland-a historical review; Swiss contribution to bed load transport theories; Freeboard analysis in river engineering and flood mapping-new recommendations; Alpine Rhine Project (Section River III-Lake Constance); Flood protection along the Alpine Rhone river: Overall strategy and 3rd correction project Flood control and revitalisation along the Aare river between Thun and Berne-experiences with recreational use and other conflicts of interest Flood characteristics and flood protection concepts in the Reuss catchment basin; Innovative measures for management of bed load sediment transport: Case studies from alpine rivers in western Switzerland; Integrated flood forecasting and management system in a complex catchment area in the Alps-implementation of the MINERVE project in the Canton of Valais Flood protection and river restoration in the urban catchment basin of Cassarate river: An opportunity to restore public areas along an urban

watercourse running through the city of Lugano Intervention and management of floods in mountain rivers and torrents in the Bernese Oberland; Conference papers; Driftwood retention in pre-alpine rivers; Design of a bed load and driftwood filtering dam, analysis of the phenomena and hydraulic design; Design of a diversion structure for the management of residual risks using physical model tests From vision to realisation-opportunities and challenges in restoring the river Bunz Physical modeling of the third stage of Aire River revitalisation project; Restoration of the Broye delta into the Lake of Morat (Salavaux, Switzerland); Hydropeaking and fish migration-consequences and possible mitigation measures at the Schiffenen Dam; Flow restoration in Alpine streams affected by hydropower operations-a case study for a compensation basin; Morphodynamic changes in a natural river confluence due to a hydropower modified flow regime

Sommario/riassunto

Every year the Swiss Commission for Flood Protection (KOHS) of the Swiss Association for Water Management (SWV) organizes a symposium where professionals, officers of public administrations, and researchers exchange their experiences on special topics and key projects in river engineering and restoration. In 2014, this symposium was organized as a special session of the seventh International Conference on Fluvial Hydraulics "River Flow 2014" at Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland. In addition to the Swiss participants, scientists and professionals from all over the wor
