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Nota di contenuto	Challenges in Preparation and Implementation of Dam Safety Emergency Plan for Hydroelectric Plants in Sarawak -- Optimizing Reservoir Operation Under Changing Climate: A Case Study of Murum-Bakun Hydro Cascade in Sarawak -- Visual Inspection of Penstocks and Water Tunnels for Hydropower Plants in Malaysia -- Sediment yield modeling as sediment management strategies towards sustainability of hydropower reservoirs in Malaysia -- Review on Seismic Hazard Parameters for Design and Construction of Large Dams in Peninsular Malaysia -- Building-Capacity through School-Based Engagement on Dam Safety Program in Cameron Highlands -- Flood hydrograph generation for Kenyir Dam using Hydrological Modeling System -- PMP

	Driven Probable Maximum Flood for 4 dams in Sungai Perak Hydroelectric scheme.
Sommario/riassunto	This book presents peer-reviewed articles from the 1st International Conference on Dam Safety Management and Engineering (ICDSME 2019), organized by the Malaysian National Committee on Large Dams (MYCOLD), Tenaga Nasional Berhad (TNB), Department of Irrigation and Drainage (DID) and Universiti Tenaga Nasional (UNITEN). With the theme “resilient dams for resilient communities,” the conference highlighted the latest developments in the area and provided a platform for researchers and professionals to exchange ideas and to address dam safety and engineering issues with the environment in mind. The topics covered included, but was not limited to, best practices in dam safety, reservoir management, dam health monitoring, risk assessment, emergency management and sustainable dams.