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Sommario/riassunto

This book comprises the proceedings of the 26th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2021) focusing on broad spectrum of emerging opportunities and challenges in the field of flood forecasting and hydraulic structures. It covers a range of topics, including, but not limited to, early warning system, urban flood modelling and management, dam hazard classification, river training and protection works, structural and non-structural measures for flood mitigation, assessment and development of flood vulnerability, hazard and risk maps rehabilitation of old dams, streamflow turbines, canal operation and related structure, operation and management of dams including their instrumentation etc. Presenting recent advances in the form of illustrations, tables, and text, it offers readers insights for their own research. In addition, the book addresses fundamental concepts and studies in the field of flood forecasting and hydraulic structures, making it a valuable resource for both beginners and researchers wanting to further their understanding of hydraulics, water resources and coastal engineering.