



French practices of dam safety review and risk assessment

This report discusses **French practices in the field of safety review and risk assessment for dams**. It looks at the following points: a functional and structural analysis of dams, an analysis of the failure modes, modeling failure scenarios, risk assessment relative to the failure modes and scenarios, assessing the severity of the scenarios and assessing the criticality and the risks including displaying the risks. The report describes the methods implemented in the practices and includes numerous illustrative examples. It aims to raise awareness of French practices outside France. To make the report easier to understand, a glossary of technical terms is provided at the end. This document constitutes a summary of the feedback from the first generation of Safety Review Risk Assessments carried out in France between 2007 and 2018. It does not have the status of guidelines for carrying out Safety Review Risk Assessments in France.

The document includes the text in French and its translation into English.

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