

Paper Title: Dam risk management

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Abstract:

This paper presents a dam safety decision-makers, and owners, perspective of the emerging and arguably juvenile discipline of dam risk management using formal, analytically based methods of risk analysis. It is founded on almost ten-years of detailed investigations into all aspects of risk analysis as applied to dams including several experimental applications of proposed approaches by BC Hydro. The paper provides a basis for concluding that while formal analytically based dam risk management can be expected to endure in the long term, its form will continue to evolve and necessarily will be somewhat different to what was (and still is by some) envisaged in the early to mid-1990's.