RAPIDLY ASSESS RISK AND PRIORITIZE INVESTMENTS ACROSS YOUR PORTFOLIO

RTI RAPID RISK SUITE

The RTI Rapid Risk Suite opens the door to rapid, end-to-end, portfolio-level risk assessment. It’s the scalable, cost-effective option that brings you the concrete, quantitative guidance you need to make critical dam safety decisions.

As an independent, nonprofit research institute with a team of experts in dam risk assessment, RTI International understands the challenges of making risk-based regulatory and investment decisions across a large portfolio of dams. We also understand that fully quantifying risk by traditional methods can be a complex, and often costly, process. Dam safety regulators typically must choose whether to evaluate risk using costly techniques for only a small set of dams or to use overly simplified techniques across the portfolio that provide limited information for decision-making.

The RTI Rapid Risk Suite is an innovative alternative that alleviates the need for this tradeoff. Our experts have streamlined the execution and integration of dam risk analysis components into a complete, highly scalable toolset. The RTI Rapid Risk Suite is your gateway to affordable, portfolio-wide dam risk information.

THE RTI RAPID RISK SUITE PROVIDES

- Streamlined integration of probabilistic dam risk analysis components
- Increased understanding of probabilities and impacts of extreme events
- Stochastic simulation—moving beyond traditional Probable Maximum Flood-based analysis
- Time- and cost-efficient scaling to the portfolio level, from hundreds to thousands of dams

- A consistent assessment approach across the full portfolio for sound risk prioritization
- Minimized need for site-specific data collection, using readily available ground- and satellite-based datasets
- Familiar methods, with a foundation of widely-used and accepted models and concepts
- Efficient use of pre-existing calibrated system models and analyses where available

CONTACT US

Learn more about the RTI Rapid Risk Suite and set-up a free consultation.

RTI International
Center for Water Resources
Fort Collins, CO
water-risk@rti.org

RTI International is an independent, nonprofit research institute dedicated to improving the human condition. We combine scientific rigor and technical expertise in social and laboratory sciences, engineering, and international development to deliver solutions to the critical needs of clients worldwide.

RTI International is a registered trademark and a trade name of Research Triangle Institute. The RTI logo is a registered trademark of Research Triangle Institute.