

KMIDam

Dam Management Platform



WWW.KINEMETRICS.COM

KMIDam is a technology platform designed to manage your portfolio of dams with real-time information before, during and post-event. Leveraging a combination of smart sensing, modelling, digital twins, and real-time processing tools, KMIDam provides immediate feedback during events, and tracks changes to your structures that may lead to problems over time.

Monitoring of the dam foundation, crest, and abutment is combined with free field stations to provide a comprehensive view of your structure.

KMIDam delivers the asset management capabilities required to prioritize maintenance and rehabilitation of this critical infrastructure through four key areas.

- Assess the condition of each structure
- Understand the immediate impact of events to support informed decision making
- Manage each of your assets' unique requirements from a single tool
- Understand the structural changes that happen to your assets over time

Manage Your Portfolio of Dams

ASSESSMENT

Each structure under your management is assessed and classified based upon structural condition, operational and monitoring requirements.



SMART SENSING

Each structure is prioritized and implemented within the KMIDam platform with the appropriate level of Kinometrics Smart Sensing technology.

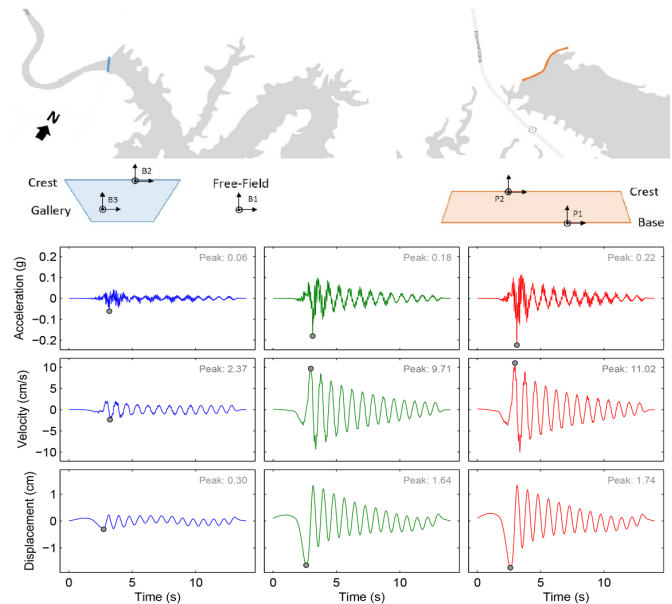
OPERATIONAL CONTINUITY

When an event occurs, whether an earthquake or another operational event, KMIDam immediately delivers the information you need to make real-time and post-event decisions.



SMA REPORT

automatic strong motion event analysis



ASSET MANAGEMENT

The long-term monitoring and digital twins delivered by KMIDam provide a historic record of changes within your structures to help identify changes to the structural integrity of each asset under management before they become problems.