34th Annual Conference of the United States Society on Dams (USSD)

Dams and Extreme Events — Reducing Risk of Aging Infrastructure under Extreme Loading Conditions

April 7 – 11, 2014
San Francisco, California

The nation’s 80,000 dams are aging, and more than 75 percent of these facilities are more than 50 years old. However, the criticality of these facilities has increased over time as a result of the ever increasing demands for water, flood control and energy.

Methods for predicting, analyzing and applying loading conditions from extreme events are considerably different today than when many of the nation’s existing dams were designed and constructed. While many of the older facilities were designed conservatively, others have been found to be considerably under-designed using modern criteria for seismic and/or hydraulic loading conditions.

The theme for the Conference highlights the need for continued innovation in prediction and analysis of loading conditions from extreme events, and the need to apply these advances to make prudent investments to reduce risk and economically meet the ever increasing needs for responsible water resources, flood control, energy and mining projects.

For more information and to register for the conference, visit: http://www.ussdams.org/2014conf.html