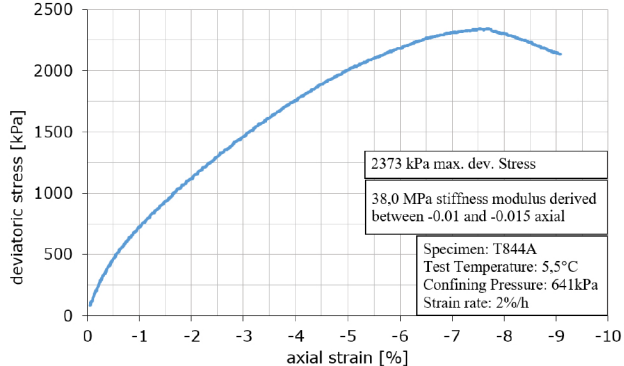
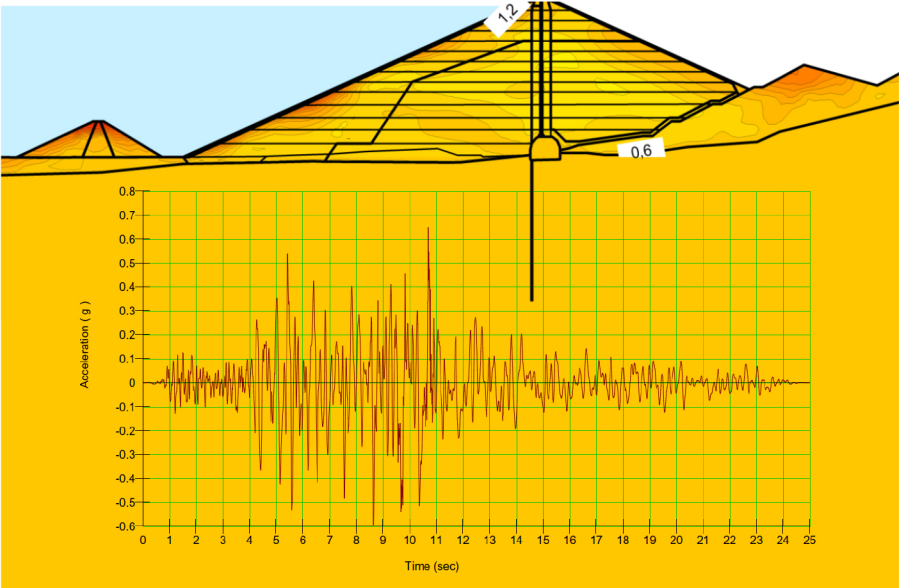


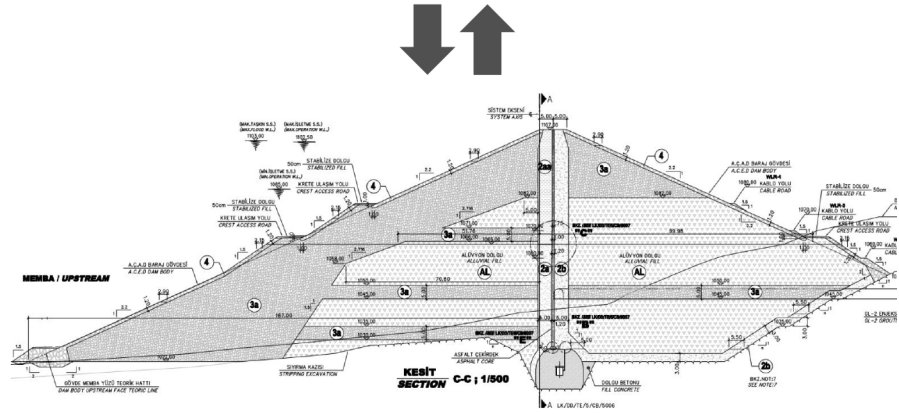
Asphalt Core Sealing Elements For Embankment Dams (ACED)

Design of an asphalt core embankment dam in a high seismic region



Development of tailored high performance asphalt mix design and placing guidelines, in order to increase asphalt flexibility and dam safety

Comprehensive 2D and 3D numerical analysis to predict dam behavior in various loading conditions



Optimized embankment zoning to increase dam safety and stability during seismic events



Asphalt production, QA/QC, placing guidelines and site supervision