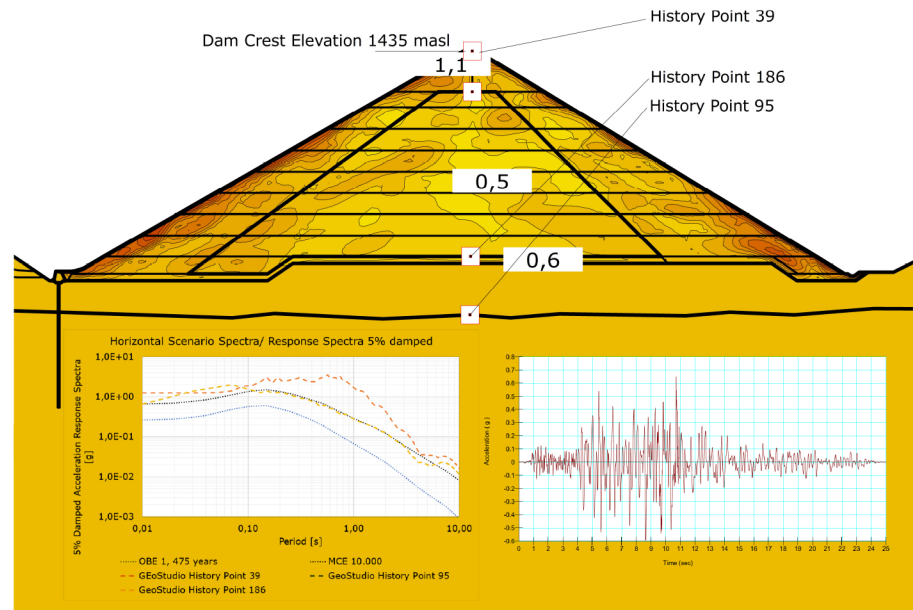
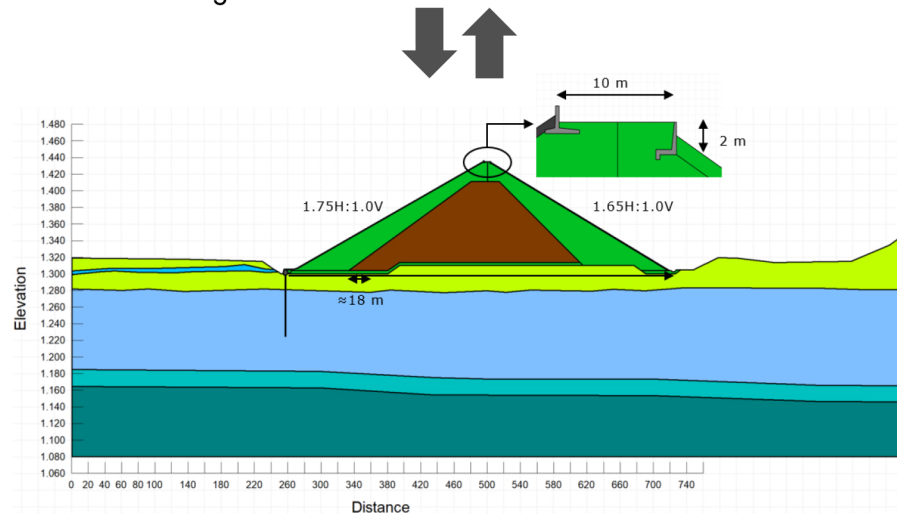


Asphalt Surface Sealing Elements For Embankment Dams (AFED)

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



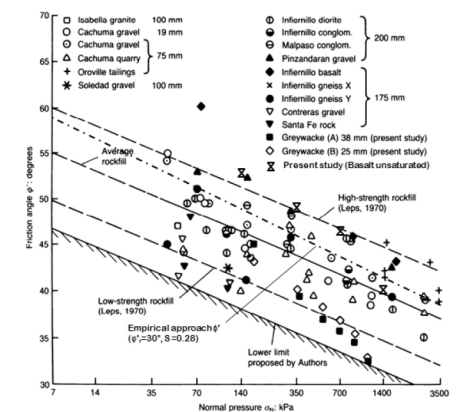
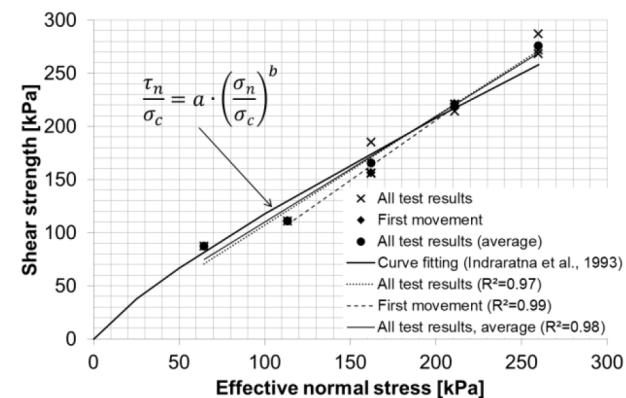
Comprehensive 2D and 3D numerical analysis to predict dam behavior in various loading conditions



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



Design of optimized asphalt sealing systems based on detailed material investigations (asphalt and subgrade)



AFRY experts have experience handling and testing all kinds of embankment fill materials. Determined material characteristics of the asphalt and the subgrade are used directly in the design of the dam and asphalt sealing system.