

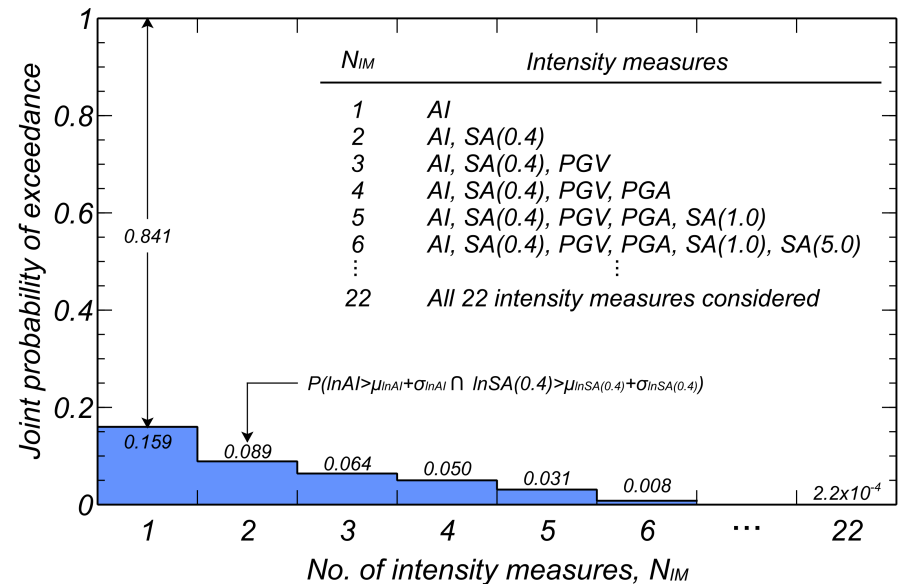
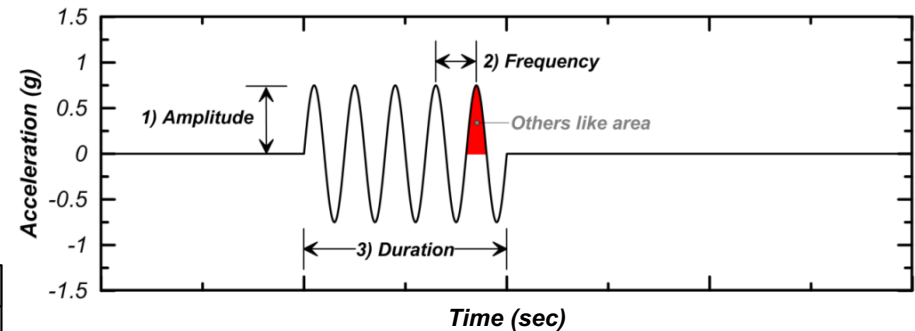
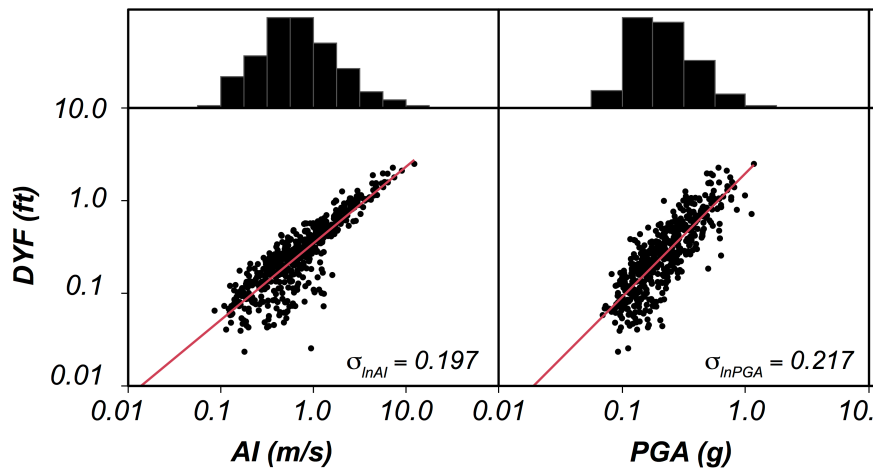
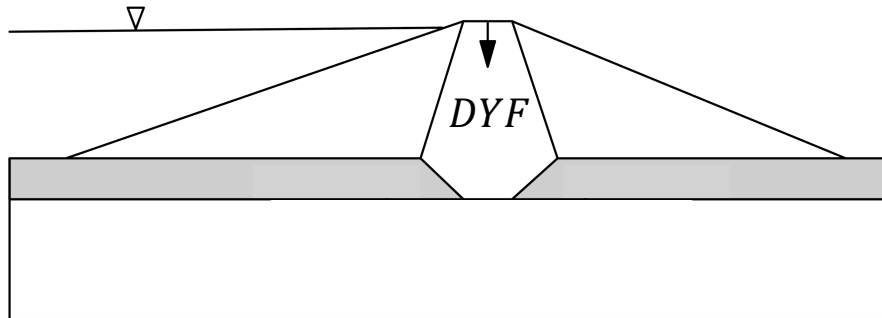


Seismic Analyses of Embankment Dams and Slopes

2021 ECS D3

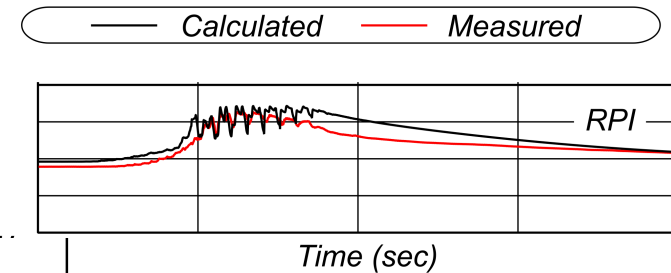
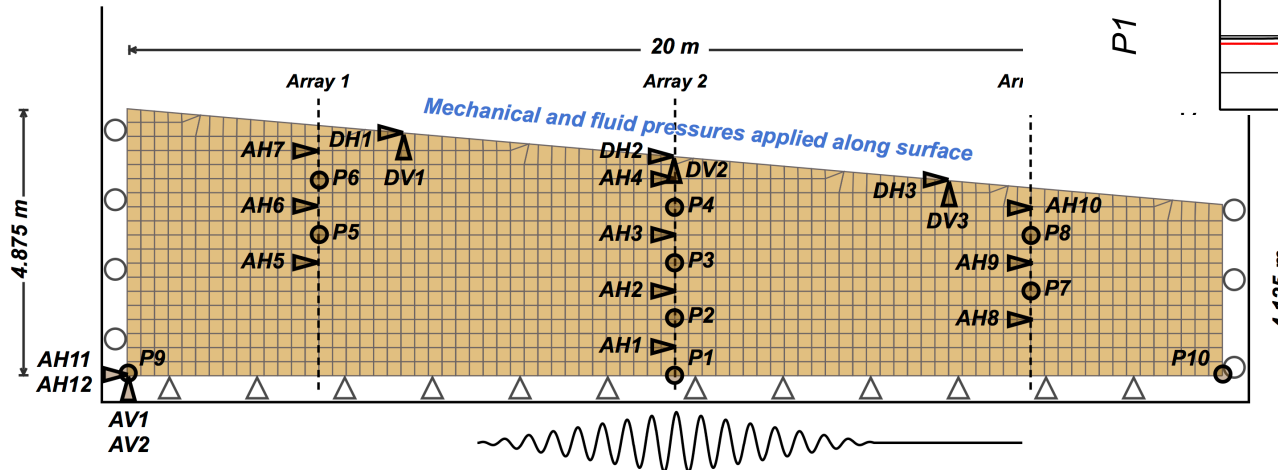
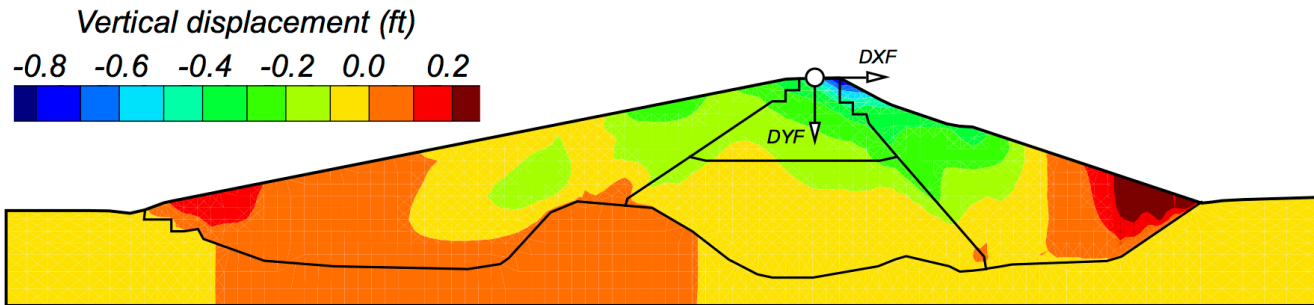
Richard Armstrong, Civil Engineering

Ground Motion Intensity Measures



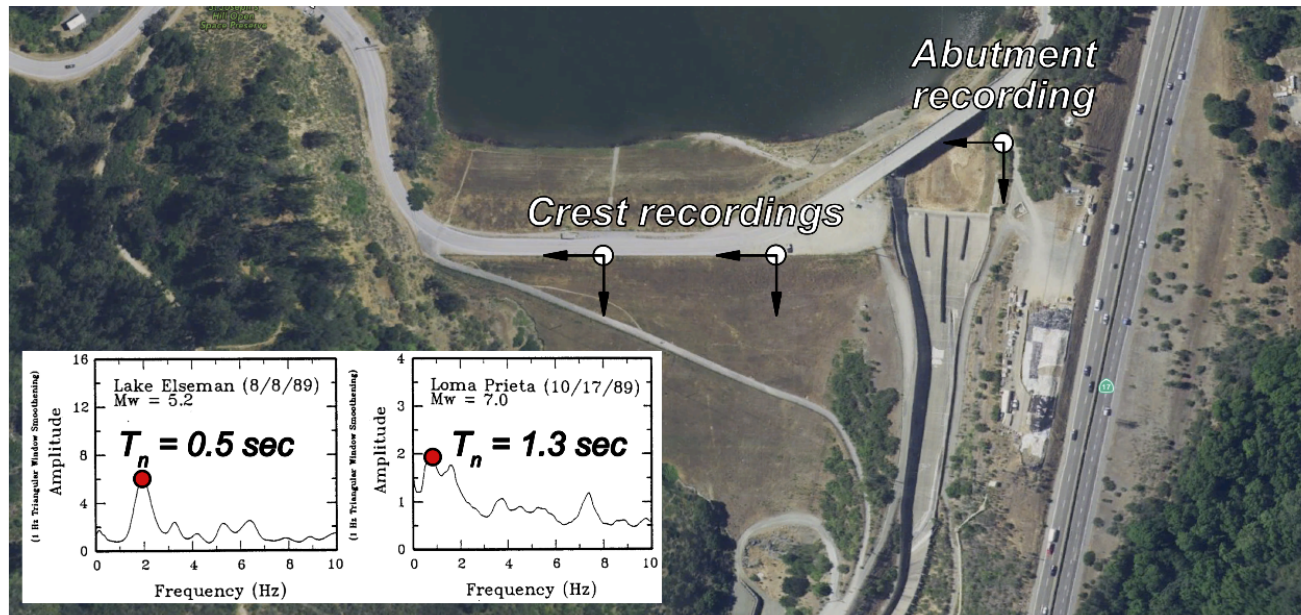
NDA Modeling and Validation

EDP	Loma Prieta	Calculated
DYF	0.61 – 0.85 ft	0.45 ft



Seismic Dam Damage Assessment

ShakeCast

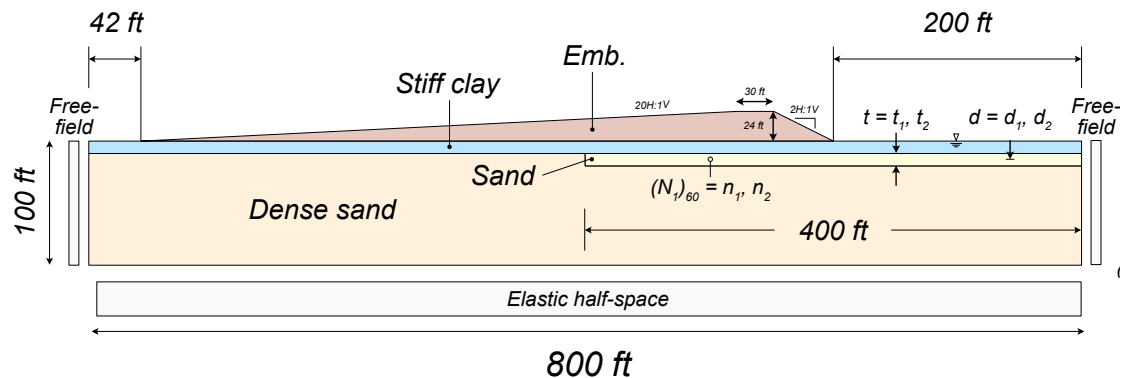


Future Research

Ucla



NATURAL HAZARDS RISKS AND RESILIENCY
RESEARCH CENTER (NHR3)



Thank you