

**SEISMIC RESILIENCE OF AN ASPHALT FACING ROCKFILL DAM (AFRD)
IN SOUTHERN ITALY**

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ABSTRACT

The behaviour and the seismic resilience of an asphalt facing rockfill dam (AFRD) is documented with reference to one of the first Italian experiences in 70's years, designed in a not seismic zone, later reclassified as one of the most severe in Italy.

The work has been interested by an important earthquake in '90 years. The characteristics of the seism and its consequences on the structures are presented, together with the consequent extraordinary maintenance interventions.

Finally the results of an updated seismic analysis are illustrated.