

**Advantages of using a seismic piezocone penetration test for analysis of a single screw in situ displacement pile in silty soils**

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**CPT, CPTu and DCPT methods for predicting the ultimate bearing capacity of cast in situ displacement piles in silty soils**

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**Deterministic and probabilistic analyses of the bearing capacity of screw cast in situ displacement piles in silty soils as measured by CPT and SDT**

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