

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

**Leetsaar, Lehar; Korkiala-Tanttu, Leena** Indian geotechnical journal 2024 <https://doi.org/10.1007/s40098-024-00942-5>

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

**Leetsaar, Lehar; Korkiala-Tanttu, Leena; Kurnitski, Jarek** Geotechnical and Geological Engineering 2023 / p. 631-652  
<https://doi.org/10.1007/s10706-022-02292-6>

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

**Leetsaar, Lehar; Korkiala-Tanttu, Leena** The Baltic journal of road and bridge engineering 2023 / p. 99-127  
<https://doi.org/10.7250/bjbe.2023-18.600>

**Extent of geotechnical site investigations for buildings in Estonia**

**Leetsaar, Lehar; Korkiala-Tanttu, Leena; Jaaniso, Valdo; Kurnitski, Jarek; Idnurm, Juhan** 14th Baltic Sea Region Geotechnical Conference : 18-19th of January 2021, Helsinki, Finland 2021 / art. 012001, 12 p. : ill <https://doi.org/10.1088/1755-1315/727/1/012001>  
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