

GEOTECHNICAL STABILITY ANALYSIS

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ABSTRACT

This invited session is devoted to stability of slopes, foundations, tunnels or other objects from geotechnical practice. The determination of safety factors and the prediction of failure zones representing the structure collapse caused by unlimited loads are the main aims in stability analysis. The stability analysis is usually builds on various models of plasticity which can be coupled with porous flow or other processes. We prefer the contributions based on the finite element method including e.g. limit analysis, shakedown analysis or shear strength reduction analysis.

REFERENCES

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