

NMGEC7 - NGM Worksho

25/2016

## Rock

## On equal basis as soil



- If clauses relevant for both soil and rock, use the term Ground. Clearly state if only relevant for either soil or rock.
- Additional information will be added to sections on observational method and prescriptive measures.
- Question marks:
  - Calculation for rock (characteristic value, partial factors)
  - · Ground model
  - Additional design considerations
  - Do we have a common application of observational method



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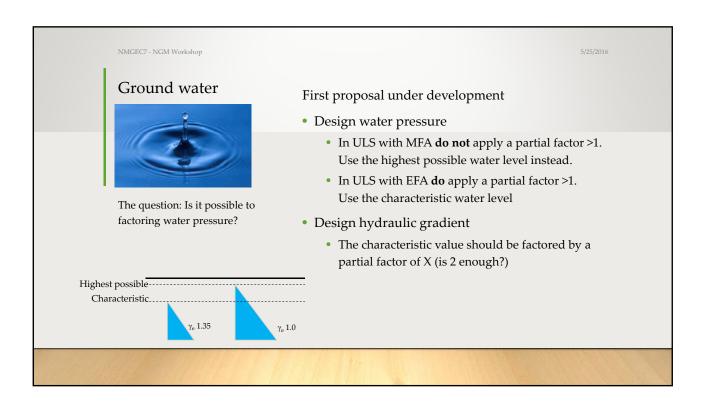
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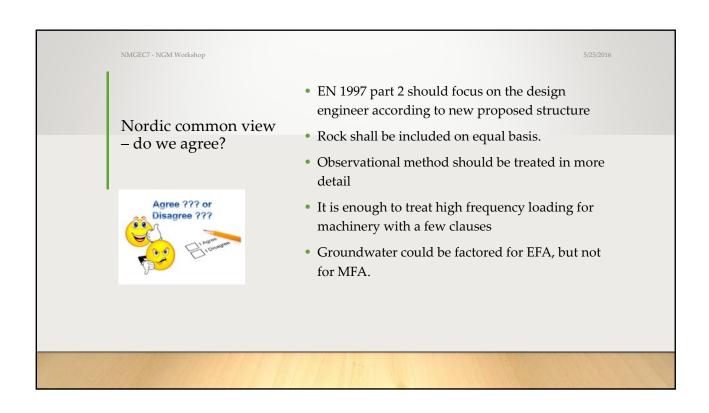
## High frequency loading

- Seismic
- Machinery foundation



- Seismic
  - EN 1997 shall treat ground investigation
  - EN 1998 shall treat the design (however, relevant partial factors for geotechnical design in EN 1997)
  - Avoiding duplications and potential contradictions
- High Frequency loading machinery
  - List of what shall be considered in addition to static loading condition.





Program 9:00 - 9:10Welcome to the workshop 9:10 - 9:30Why a new version of EN 1997? Why the Nordic countries should influence? G. Franzén 9:30 – 10:20 Retaining structures – common Nordic view. Presentation/discussion of example O. Möller, T. Lännsivara, F. Oset, A. Kullingsjö 10:20 - 10:40 Coffee 10:40 – 11:30 Pile design – common Nordic view. Presentation/discussion of example. O. Möller, G. Axelsson 11:30 – 12:20 Derived to characteristic to design value. Should we adjust the approach? G. Franzén, L. Korkiala Tanttu 12:20 - 13:20 Lunch 13:20 – 14:10 Design combination – philosophy. O. Möller What could we expect in next version of EN 1997 - Overview G. Franzén 14:10 - 14:30 Coffee 14:30 – 15:20 Numerical methods – possible to have one approach? A. Kullingsjö, K.Koivisto 15:20 - 15:30 Summary A. Eggen 15:30 End of workshop