



Danish Field Committee

Status 2018 - 2019



Members

Susanne Granhøj (chairman), Geo
Anders Løth Rasmussen, Niras
Anne Jansen, JordTeknik
Anne Nørremark, Rambøll
Allan Meier, MOE
Erik Rosbirk, Byggros
Martin Juul Andresen, Sweco
Thomas Ingemann-Nielsen, DTU
Trine Hee Vienberg, Franck Geoteknik
Tobias Vanggaard, DMR Geoteknik



Meetings June 2018 – August 2019

- 2 meetings – September and November (working day) in 2018
- 2 meetings – March, May and August (working day) in 2019

- Approx 6 yearly after work meetings (DGF)
- 2 seminars



Activities 2018- 2019

- Commenting eurocodes
(22475-1, EC7-2 twice, 24283-1 to 24283-3)
- Revising SPT guidance (number of blows (N) to relative density I_D
and/or relationships to get the friction angle.



DGF after work meetings August 2018 – August 2019

- Plastic clay and the Carlsberg area
- Ekskursion to Ny Ellebjerg – train crossing with various solutions – cut and covers, retaining walls
- Case stories from the daily life of a geotechnical engineer (2 meetings – East and West)
- Railway case stories from a geotechnical perspective
- Bored piles
- Danish Geotechnical Society Seminar – wind farms (1 day)
- Ongoing research on the universities
- "Geoteknikerdagen"



Danish Geotechnical Society Seminar – OWF

Danish Geotechnical Society Seminar:

Agenda

Keynote - Byron Byrne (Oxford University)

Strength testing insitu and lab - same results? - Jens Brink Clausen (Geo)

The Importance of Smart Geotechnical.... - Mike Rattley (Fugro)

Site investigations for jacket and MP foundations - Kristine Lee Kaufmann, Christina Pop (COWI)

Design of US Mono Pile - Alastair Muir Wood (Wood Thilsted)

Earthquake Issues - Amir Kaynia (NGI)

Jacket design for silty soil in Taiwan - Tore Lucht (Niras)

Offshore Seismic Design - Luis Todo Bom (Rambøll)

Recent Developments in the Design og Piles Driven in Chalk - Richard Jardine (Imperial College)

Global Innovation Project (GIP) - David Maloney (DNVGL)

Monopod Bucket for Deutsche Bucht - Lars Bo Ibsen (AAU)

SBJ Installation at Borkum Riffgrund 2 - AVI Schonberg (Ørsted)

Pile Driveability in Difficult Soils - Ivana Anusic (Multiconsult)

Challenges og Earthquake Analysis of WTI Jack-Ups - Perry van Uchelen (GustoMSC)

Seabed Remediation Ensuring Safe Sequential - Lindita Kellezi (Geo)

Jack-Up Risks - Sylvie Raymackers (GeoSea)



Geoteknikerdagen

Fredag d. 24. maj 2019

09.30 - 10.00 Ankomst med buffet/kaffe/the

10.00 - 10.05 Velkomst i "balancen"

10.05 - 10.50 Løber Danmark tør for grus?

v/ Gunnar Larsen, Niras

10.50 - 11.25 Bæredygtig classification til byggeriet?

v/ Torben Lohman, Dansk Byggeri

11.25 - 11.35 Pause

11.35 - 12.10 Bæredygtig jordhåndtering.

v/ Louise Raaschou Andersen, Aarhus Kommune og Peter Stockmar, Sweco

12.10 - 13.10 Frokost

13.10 - 14.10 Udstillerforum

14.10 - 14.40 Lokale 1: Færdighedsniveau i kalkstabiliseret ler.

v/ Bjørn Stigebøl Hansen, COWI

Lokale 2: Energipile og Centrum Sebet.

v/ Lars C. Christensen og Jacob Thorkauge, Centrum pæle A/S

14.40 - 15.10 Lokale 1: Kan affaldsforbrændingslagge anvendes som bærelagsmateriale i vejbyggeri? - nye data for affaldsforbrændingslagges geotekniske parametre.

v/ Torben Svendsen, Bree Consulting

Lokale 2: Permanente sekantpæle med op til 12 meter udgravingsdybde.

v/ Lars Svendsen Koed, Per Aarsløff A/S

15.10 - 15.40 Kaffepause (kaffe, the og kage)

15.40 - 16.10 Lokale 1: Måling af friktionsvinklet med pladebelastningsudstyr.

v/ John Skibsted, Per Aarsløff A/S

Lokale 2: Hvordan forskning kan gøre offshore vind mere bæredygtigt?

v/ Lars Bo Børn, Aalborg

16.10 - 16.20 Pause

16.20 - 16.30 Kort opsamling på dagen i "balancen"

16.30 - 18.00 Fra jord til via

18.00 - 19.00 Pause

19.00 - 01.00 Festmiddag og kollegialt samvær

- Biannual day meeting with Dinner
- Will Denmark have no granular material left?
- Sustainable soil handling
- Exhibition (drilling rigs, CPT rigs, programmes, drainage systems, etc.)
- Energy piles – saving energy using precast piles with heating/cooling pipes
- Permanent secant pile walls for 12 m deep excavation
- Use of cinder in road construction – geotechnical parameters