

NGF-møte
Mandag 11 februar 2002
NGI, Sognsveien 72

37th Terzaghi Lecture
Geotechnical Solutions for Offshore
Synergy of Research and Practice

S. Lacasse vil gjenta sin Terzaghi Lecture gitt første gang til ASCE i Houston 12 oktober 2001.

Terzaghi Lecture er anerkjent som den høyeste æresbevisning innen geoteknikk. NGI har mottatt denne æresbevisningen to ganger. Laurits Bjerrum ble den 4. Terzaghi Lecturer og Suzanne Lacasse den 37. Kun 4 ikke-amerikanere fikk æren blant de 37 i tillegg til våre to "nordmenn".

Skriftlig versjon av artikkelen vil bli publisert i "ASCE Journal" om ca. et år. NGF-foredraget vil bli gitt på norsk, men med engelske lysbilder.

Abstract

The geotechnical profession takes pride in building on new ideas and advancing technology. Research helped develop new solutions for offshore, and practice required research and development and the testing of the research. This interweaving of research and practice led to cost-effective and safe solutions. At the same time, the engineer needs to be increasingly innovative and conscious of preserving the environment. The lecture presents achievements of the geotechnical profession for offshore practice and outlines its new challenges. Important developments were made within site investigations, including geophysical methods, behaviour of soil under cyclic loading, foundation design, sub-sea technology, risk assessment, and the understanding of geohazards. The challenges of geological risks and geohazards require, greater than before, interplay of geology, geophysics and geotechnical engineering. Intergrated solutions and improved communication of specialists are the key to safer and cost-effective designs.

Program

- kl 15.30 Enkel servering
- kl 16.00: Generalforsamling
- kl 16.30: 37. Terzaghi-foredrag av Suzanne Lacasse
- ca. kl 18.00 Slutt

Vel møtt!

