



**Society for Underwater Technology**

Offshore Site Investigation & Geotechnics Committee



Masterclass for students:

# **An Introduction to Offshore Geophysics and Geotechnical Engineering**

**Thursday 17 February 2011**

10am – 5pm

University of Dundee

(Dalhousie Building, room LT1)

The event is open to undergraduate & postgraduate students at any stage of a related taught course or programme of research (incl. Civil Eng., Geology, Geophysics).

This event is supported by the Scottish Universities' Geotechnical Network (SUGN)



# An Introduction to Offshore Geophysics and Geotechnical Engineering



## Topics covered include:

- Industry overview and Site Investigation Planning
- Principles of seismic geophysics
- Subsea surveying in 2-D and 3-D
- Data interpretation
- Geotechnical Systems and CPT Interpretation
- Data Interpretation, integration and Geographical Information Systems (GIS)
- Offshore Geohazard assessment
- Geotechnical Analysis for Pipelines
- Shallow Foundations, Suction Caissons and GBS Design
- Pile Design for Offshore Structures



# An Introduction to Offshore Geophysics and Geotechnical Engineering



For further information and to confirm attendance please contact:

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**Dr Jonathan Knappett**

University of Dundee & Secretary, SUGN

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Please confirm attendance by **Monday 13<sup>th</sup> February**,  
[including any dietary requirements](#)

Details of the venue including maps may be found at:

<http://www.dundee.ac.uk/general/campusguide/>