

Personal Statement

Dr Allan is an experienced stalwart of the Geotechnical industry in the UK, with over 30 years' experience in the industry. Dr Allan provides independent expert witness and litigation advice through his own practice PACE Geotechnics and is a non-Executive Director and Principal Consultant to Bluefield Technology, of which he is a co-founder.

Dr Allan has over 30 years background in *in situ* test equipment and pressuremeter testing, most recently including introduction of a new generation of High Pressure Dilatometer, and ongoing development of full displacement pressuremeters.

He was the Chairman of the Offshore Site Investigation and Geotechnics Conference, Society of Underwater Technology between 2007 and 2012, having been a member since 2002. He is Chairman of the Committee for Revision and Update of Offshore Site Investigation Forum Guidance Notes for Geotechnical Investigation for Marine Pipelines.

Professional Experience

2015 to Present: PACE Geotechnics & Bluefield Technology, Director

The company provides advice to a range of companies in both the onshore and offshore sectors. Current commissions include research on anchoring of pipelines to prevent walking, assessment of trenching operations for both windfarm and oil and gas installations, and jack up analyses for decommissioning of platforms.

Current clients include Canyon Offshore, Deepocean, Siem Offshore Contractors, Crondall Subsea and RPS Energy.

2009 to 2015: Geomarine/ UTEC Geomarine, Managing Director

Peter founded Geomarine as an offshore engineering consultancy and solutions provider. The services provided included all aspects of offshore geotechnical engineering including survey management, detailed foundation design, jack up platform analyses, and pipeline and cable burial assessments. In addition to engineering services Geomarine provided site investigation services and designed cutting edge geotechnical equipment.

1997 to 2009: SEtech, Managing Director

Peter established SEtech in 1997 to provide geotechnical advice and support to the offshore industry.

1996 to 1997: Soil Machine Dynamics, Geotechnical Engineer

Responsible for preparation of reports on engineering and plough performance for pipeline and cable routes, for provision of advice to customers on geotechnical aspects of the equipment and its use and reviewing the current subsea geotechnical and geophysical investigation techniques.

1991 to 1996: Exploration Associates, Principal Engineer

Peter was Principal Engineer with responsibility for the direction and supervision of a team of engineers and the technical aspects of the office's work.

1989 to 1991: Scott Geotechnics, Senior Engineer

Peter worked on a wide variety of schemes including ground investigation for new roads in County Durham and Suffolk. This included planning and supervision of SI's and interpretive reporting to provide design recommendations for the proposed roads.

1985 to 1989: University of Newcastle upon Tyne, Research Assistant

Development of a self-boring pressuremeter for *in situ* testing of weak rock. Peter was awarded a PhD for this research work. On completion of development the equipment was used on commercial projects including for power stations at Sizewell and West Burton and a nuclear storage facility at Mol, Belgium.

Expertise

- Cutting edge technology development
- Geotechnical engineering for foundation design, pile design and drivability
- Cable routing and burial assessments

Qualifications & Certifications

- Ph.D. Geotechnical Engineering, University of Newcastle upon Tyne
- B.Sc. (Hons, 2.1) Civil Engineering, University of Leeds
- Member of the Institution of Civil Engineers (C.Eng)
- Honorary Fellow of the Society of Underwater Technology
- Member of the Fédération Européenne D'Associations Nationales d'Ingénieurs;
- Fellow of the Geological Society, Chartered Geologist

Publications

- Over 20 publications since 1989

Other Information

- British, UK Passport Holder,
- Full UK Driving Licence,
- Offshore Safety Induction and Emergency Training Course; O.P.I.T.O. approved.