

TUESDAY 15TH SEPTEMBER 2020, 11AM – 12:30PM



Image courtesy of Equipe Group

The Standard Penetration Test (SPT) is a much-loved test and specified on the majority of UK ground investigations, but do practitioners and clients truly understand its origins and limitations when used to determine parameters?

This webinar, hosted by AGS Chair, Julian Lovell (Managing Director of Equipe Group), will provide facts about the SPT test, its use or misuse, limitations and potential future developments.

Peter Reading (Managing Director of PRGC and Senior Lecturing Fellow at Portsmouth University), will start the webinar by providing a short presentation, outlining details of the SPT from its humble beginnings as a thick-walled sampling method, to its development into an in-situ test which

has become the most widely used geotechnical in-situ test in the UK, and many other countries around the world. Peter will explain its development resulting in the test we know today, whilst highlighting some key issues.

Stuart Wagstaff (Director at Soil Consultants), will present some of the practicalities of the test, and its relationship to other testing/sampling techniques culminating in its use as a design parameter. For many practitioners, the test has become a reliable stalwart essential to many foundation design solutions. Stuart will also present data showing these relationships and their derivation.

Stephen Lawrence West (Director, Ground Engineering at Ramboll UK and AGS

Geotechnical Engineering Working Group Leader), will join both Peter and Stuart to form a panel, chaired by Julian, and debate questions including, does the SPT deserved this high status and is it a real parameter? is the test truly "standard"? what does the test actually provide? and, what is the future for the SPT?

The webinar will end with a Q&A from the audience, allowing for further debate.

This is an interactive, CPD webinar in which we encourage audience participation; either via our live polls, by submitting questions before or during the event, or by using the webinar chat facility. Presentations will be available for free download on the AGS website from 16th September, along with a replay of the webinar in its entirety.

EVENT SPEAKERS



JULIAN LOVELL
AGS Chair and Managing Director of Equipe Group
Julian is the current Chair of AGS and has been involved in the geotechnical industry for over 30 years. He is actively involved in producing safety and technical guidance for the industry and sits on British and European committees. He is also Managing Director of Equipe which is the UK's leading provider of vocational training and assessment. Julian is currently working with UGUK to ensure geoscience training meets the industry needs.



PETER READING
Managing Director of PRGC and Senior Lecturing Fellow at Portsmouth University

Peter has over 50 years' experience in the Geotechnical Industry. He's a Chartered Geologist, a Chartered Scientist, a UK Registered Ground Engineering Adviser and a Senior Lecturing Fellow at Portsmouth University. Peter runs his own consultancy, PRGC Ltd, providing geotechnical advice to civil engineering companies and bodies including SOCOTEC UK.



STUART WAGSTAFF
Director at Soil Consultants

Stuart is a keen advocate for the geotechnical engineering industry. He's been Chair of the Home Counties North Regional Group and has served on multiple groups within The Geological Society. Stuart delivers regular CPD talks to the engineering world and is actively involved with various mineralogical groups, principally for the preservation and research into British minerals.



STEPHEN LAWRENCE WEST
Director, Ground Engineering at Ramboll UK and AGS Geotechnical Engineering Working Group Leader

Stephen is a leader within Ramboll Ground Engineering who deliver innovative designs for some of the most complex infrastructure, and marine projects in the UK and overseas. He delivers for contractors which often rely on limited scope ground investigation as a basis for tender designs which use the SPT to interpret a wide variety of parameters.

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