



Evening Lecture

Wednesday 27th May 2026

From Sand Pit to AI – Forty years as a Geotech

The NWRG is very excited to announce we will be hosting a talk by Sergei Terzaghi alongside ICE North West on Wednesday 27th May at the University of Manchester on the overview of over forty years' worth of experience from one of the most recognisable names in ground engineering.

In this lecture, Sergei shares some of his experiences covering over 40 years within geotechnical engineering. His work has included desktop studies, investigation, analysis, design and construction input for highways, tunnels, railways, pipelines (onshore and offshore), embankments, dams, power stations, marine / offshore projects and foundations and excavations for a vast range of structures including tanks through to large multi-storey buildings.

Sergei is highly skilled in numerical modelling and has a proven track record in providing realistic answers to complex problems. Sergei maintains his skills at the cutting edge of this field and he will provide some insight how the geotechnical industry can leverage AI to improve its effectiveness.

This lecture is suitable for engineers and geologists at all stages of their career, and we particularly welcome students and early-career professionals.

About the speaker:

Sergei Terzaghi graduated from the University of Canterbury in 1985 with a Bachelor of Engineering (Hons) in Civil Engineering. He started his career with Murray-North Partners in Auckland, New Zealand. This firm was acquired initially by Woodward-Clyde Consultants in 1993, which in turn was acquired by URS in 1998. Sergei joined Sinclair Knight Merz in Auckland in 2000, transferred to SKM, Sydney in 2005. He moved to Arup Sydney in 2009 which included two years based in Los Angeles, USA. He more recently joined Andy O'Sullivan and Associates in 2024 starting the Australian Arm. In the course of his career to date, he has been involved in many projects of note globally though particularly throughout the Asia-Pacific region, and across many areas of engineering endeavour. He provided the technical expertise for the successful introduction of Deep Soil Mix Technology into New Zealand and now Trench Mix Technology in Australia.



Time and Venue: Arrival from 6pm for a 6.30pm start.

The University of Manchester, Room G.03 Williamson Building, Oxford Road, Manchester M13 9PL

If you have any accessibility requirements, please contact us using the contact details provided below. Refreshments will be confirmed in due course.

Attendance: Please use the following link to book a space:

<https://www.eventbrite.com/e/sergei-terzaghi-from-sand-pit-to-ai-forty-years-as-a-geotech-tickets-1987986666635?aff=oddtcreator>

Spaces are strictly limited and this event is expected to sell out. We strongly encourage early registration to avoid disappointment.

Organised by: ICE North West and the North West Regional Group of the Geological Society of London. For further information please contact Thomas Woolley at: Geologicalsociety.northwest@gmail.com or Lauren Moczulski at: lauren.moczulski@ice.org.uk

CPD: *These events may be considered for contributing to a recognised continuing professional development (CPD) scheme as part of personal development. Delegates should check their individual scheme requirements.*