



PTS TECHNICAL TALKS

Dewatering strategies for Tunnels and Shafts

Wednesday, 18 October 2023 | 6:00 PM

Live @ Manila Elks Club
and via Zoom

Speaker:

Dr. Toby Roberts

Executive Chairman, WJ Groundwater

About the talk:

In this technical talk, our speaker will delve into the dewatering strategies specifically tailored for tunnels and shafts. We'll explore the essential need and purpose of surface systems, such as well points and deep wells, in effectively managing water in underground construction. Additionally, we'll examine the range of application permissions required for these strategies and explore innovative techniques like cross passages and caverns within tunnels to address dewatering challenges.

The event will feature a simultaneous live presentation with an online broadcast, available on a first-come, first-served basis. Finger snacks and a limited open bar will be provided.

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ABOUT THE SPEAKER



Dr. Toby Roberts

FREng, CEng, CGeol, FICE, FGS
Executive Chairman
WJ GROUNDWATER

With over 40 years' experience, recognized internationally as an expert in the design and implementation of construction dewatering systems.

Toby is a chartered geologist & chartered civil engineer, has author/co-authored 40 publications, including CIRIA C750 (Groundwater Control: Design and Practice 2nd Ed, 2016, the UK best practice design manual for dewatering systems.

A member of the steering panel for the recent CIRIA C796 best practice guide on 'Assessing the Impacts of Construction Induced Ground Movement on Framed Buildings (2021).

Sat on the Editorial Advisory Panel for the Institute of Civil Engineers (UK) publication Géotechnique and Géotechnique letters (the world's premier geotechnical journal) and has acted as expert witness in arbitration cases.

Elected as Fellow of the Royal Academy of Engineering, FREng, 2013, the Academy's Fellowship represents the UK's best engineering researchers, innovators, entrepreneurs, business, and industry leaders with election of about 50 Fellows each year by invitation only.

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