



Organised by TUNNELLING AND UNDERGROUND SPACE TECHNICAL DIVISION (TUSTD), IEM

BEM APPROUED CPD: 2.0 REF NO: IEM25/HQ/216/T (w)

# **WEBINAR TALK ON**

# "DEWATERING OF TUNNELING AND UTILITY PROJECTS"

Date: 23 July 2025 (Wednesday)

Time : 04.00 pm - 06.00 pm

Platform: Zoom

#### **Registration Fees:**

• Student Member: FOC

IEM Member : RM 15.00
Non-Member : RM 70.00

## **Synopsis**

The talk will explore the challenges, complexities, and benefits of dewatering in tunnelling and utility projects. It will share examples of how dewatering can enable difficult and complex underground structures to be constructed safely and cost effectively. Using case studies from Europe, North America, the Middle East and Asia, this talk will illustrate how dewatering techniques can be adapted to suit challenging soil conditions in dense urban environments and provide clean and sustainable solutions for ground support.

## **Speaker**



Dr. Toby Roberts is a Geotechnical and hydrogeology expert with over 40 years' experience, in the design and implementation of groundwater control systems with extensive UK and international project experience.

He is a Founder member and current Chairman of the international dewatering contractor WJ Groundwater. Key interests are contracting and consultancy in geotechnical engineering and hydrogeology specialising in groundwater management systems, pumping test design and analysis, recharge systems, design of groundwater control pumping equipment, numerical modelling and groundwater treatment systems. Author/co-author of over 40 publications on groundwater control systems including the UK best practice design guide CIRIA publication C750 'Groundwater control: design and practice' Second Edition 2016.