

About the Presenter



Jiawei Xie

Bio:

Dr. Jiawei Xie is a Professor at the School of Infrastructure Engineering, Nanchang University, and a recipient of the 2025 National Outstanding Young Scientists Fund (Overseas). He previously served as a Research Associate (Level B) at the University of Newcastle, Australia, where he earned his Ph.D. following studies at Central South University. His research focuses on data-intelligent subsurface characterization, 3D ground modeling, and risk assessment, contributing significantly to two ARC Discovery Projects and multiple industry projects for the Australian Rail Track Corporation (ARTC). Dr. Xie has published more than 30 SCI journal papers in leading journals such as Engineering Geology, Geoscience Frontiers, and Tunnelling and Underground Space Technology. His work has been recognized with the 2022 ISGSR Best Paper Award and the 2024 NSW Research Award Nomination (top 5 finalists). In terms of technology transfer, he developed the RockMapper software and open-source GitHub systems like Rock-Camera and CrackGen; his "Intelligent Geological Prediction System" won the Excellence Award in the "Chunhui Cup" Innovation Competition. He serves as a session chair for ISGSR, ISRERM, and 5MLIGD, and holds youth editorial roles for Geotechnical Engineering and Frontiers in Earth Science while regularly reviewing for top journals including Géotechnique and IJRMMS.