Panteleimon RAPANAKIS



Geotechnical engineer

Expertise Geotechnical engineering, Soil and Rock Mechanics, Numerical Modeling

Education Ph.D. in Civil engineering, 2024

Université de Lyon/ ENTPE, Vaulx-en-Velin, France

M.Sc. in Civil engineering (Geomechanics), 2021 Université Grenoble Alpes, Grenoble, France

Diploma in Civil engineering, 2018

Aristotle University of Thessaloniki, Thessaloniki, Greece

Professional Experience

2025 – Present Itasca France, Lyon, France

Geotechnical engineer

2021 – 2024 LTDS Laboratory/ Andra, Vaulx-en-Velin, France

Ph.D. student

2019 - 2020 Group Theta, Heraklion, Greece

Project engineer

Project Experience

Design and analysis of underground structures, focusing on optimizing stability and safety in complex geological media.

Advanced numerical modeling to assess tunnel behavior within the context of deep geological repositories.

Development of constitutive models for rock mechanics, improving the accuracy of material behavior predictions under various loading conditions.

2/10/2025