

Special issue on tunnels and underground spaces

Preface

We are very pleased to have the opportunity to publish a special issue on Tunnels and Underground Spaces in the International Journal, “*Geomechanics and Engineering*,” (ISSN: 2005-307X). As the journal, “*Geomechanics and Engineering*” has a high reputation in the field of soil and geotechnical engineering, this special issue also dedicated to providing new information, ideas, and technologies relevant to the tunneling and underground space construction industries.

This special issue is the result of the successful hosting of the 2021 International Conference on Tunnels and Underground Spaces (ICTUS21) held at GECE Convention of Seoul National University, Seoul, Korea from August 25 to 26, 2021. The theme of the conference was “The more mechanized tunnels we excavate, the safer we are”. Based on the theme, the following six scientific topics of special issue are prepared:

- Innovation in Mechanized Tunneling
- Improvements in Conventional Tunneling
- Tunneling and Underground Works in Extreme Conditions
- Developments in Underground Space Technologies
- Structural and Hydraulic Interaction in Underground Structures
- Resilience and Sustainability in Underground Space

Each article provides valuable findings and recommendations for tunnels and underground space construction and design. We appreciate all authors for their faithful research and all reviewers for their sincere contribution to peer reviews. We hope that this special issue will be an invaluable resource for the readers of “*Geomechanics and Engineering*” and stimulate further research into the vibrant field of study on tunnels and underground spaces.

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