Special Issue

Numerical Modeling in Civil and Mining Geotechnical Engineering

Message from the Guest Editor

In this Special Issue, we collect some high-quality articles that present original and novel contributions to civil and mining geotechnical engineering. The reliability of numerical results will be a critical concern. The physical and numerical models should be detailed enough to allow readers to reproduce the published results. Validation or verification of the used numerical code as well as domain and mesh sensitivity analyses of numerical models should be shown in appendices. Comparisons between numerical and experimental results will be advantageous, but not mandatory. The topics of articles include the application of numerical modeling to analyze the hydrogeotechnical behavior of:

- Interaction between surface structures and soil/rock foundations;
- Shallow and deep foundations;
- Railway and road foundations;
- Dams for reservoirs, sludge or mine tailings;
- Landslide;
- Slope stability of open pit mines;
- Trenches;
- Subsidence associated with underground activities (mines, subway, conduits, etc.);
- Underground spaces in soils or rocks (tunnels, cavities, mine stopes);
- Backfilling of openings (trenches, silos, mine stope, open pits.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)

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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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