



## Numerical Modeling in Civil and Mining Geotechnical Engineering

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Deadline for manuscript  
submissions:

**closed (30 April 2022)**

### 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).





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## Message from the Editor-in-Chief

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