Felipe Pinto da Motta Quevedo

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02/12/2023

Dear Editor,

Enclosed with this letter you will find an eletronic submission of a manuscript entitled “Numerical analysis of the rock deformation in twin tunnels with transverse galleries considering plasticity and time-dependent constitutive models” by Carlos Colombo, Denise Bernaud, Samir Maghous and myself, for possible publication in **International Journal of Rock Mechanics and Mining Sciences**. This is an original paper which has not been previously published or submitted anywhere else.

The long-term effect has been investigated for single tunnels, but little research has been done on twin tunnels, especially with a gallery. Therefore, in this work, the aim is to investigate the influence of the distance between the tunnels and the effect that the gallery has on the long-term convergence profile of deep-lined twin tunnels, considering various constitutive laws for the rock mass and the lining.

I would appreciate if you would consider the manuscript for publication in your journal.

Sincerely yours,

Felipe Pinto da Motta Quevedo