

Ethical statement

I am submitting a manuscript titled “*Construction and application of LSTM based prediction model for tunnel surrounding rock deformation*” to Natural Hazards. The work described has not been submitted elsewhere for publication, in whole or in part. All previously published work cited in the manuscript has been properly acknowledged. All of the authors have made substantial contributions and have approved the final version.

We declare that we have no personal relationships with other people or organizations that can inappropriately influence our work, there is no professional or other personal interest of any nature or kind in any product, service and/or company that could be construed as influencing the position presented in, or the review of.

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