

Earth Surf. Dynam. Discuss., referee comment RC1  
<https://doi.org/10.5194/esurf-2022-23-RC1>, 2022  
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## **Comment on esurf-2022-23**

Anonymous Referee #1

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Referee comment on "Development of a machine learning model for river bedload" by  
Hossein Hosseiny et al., Earth Surf. Dynam. Discuss.,  
<https://doi.org/10.5194/esurf-2022-23-RC1>, 2022

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Dear Editor

Paper is interesting and well-written, but my main issue is regarding the lack of novelty. Authors just applied old model of ANN to bedload prediction. We have many new models like tree-based, rule based,... deep learning and so on. Due to lack of novelty, I have to reject the paper. Sorry for the decision.

Best