

Earth Surf. Dynam. Discuss., community comment CC1
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Comment on esurf-2022-23

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Community comment on "Development of a machine learning model for river bedload" by Hossein Hosseiny et al., Earth Surf. Dynam. Discuss.,
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The paper is well-written. A highlight of the study is the use of large dataset. The value of the study can be better addressed if the author better explore how the increase of the dataset size (from 500 to 8000+) can help improve the understanding of bedload transport. There must be a lot of information contained in the 8000+ bedload measurements that can be helpful in explaining the variability of bedload transport.