



## **A model for the dynamics of aeolian megaripples**

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We discuss the extension of a recent model for the dynamics of aeolian megaripples. The model assumes that both the saltating and the reptating fluxes are modulated by the emergent bedforms and it is able to describe the dynamics of both ripples and megaripples. We discuss the linear stability analysis and show numerical simulations of megaripples in the nonlinear regime.