

# Accepted Manuscript

Research papers

Effects of slope gradient on hydro-erosional processes on an aeolian sand-covered loess slope under simulated rainfall

F.B. Zhang, M.Y. Yang, B.B. Li, Z.B. Li, W.Y. Shi

PII: S0022-1694(17)30545-0

DOI: <http://dx.doi.org/10.1016/j.jhydrol.2017.08.019>

Reference: HYDROL 22182

To appear in: *Journal of Hydrology*

Received Date: 1 May 2017

Revised Date: 8 August 2017

Accepted Date: 11 August 2017

Please cite this article as: Zhang, F.B., Yang, M.Y., Li, B.B., Li, Z.B., Shi, W.Y., Effects of slope gradient on hydro-erosional processes on an aeolian sand-covered loess slope under simulated rainfall, *Journal of Hydrology* (2017), doi: <http://dx.doi.org/10.1016/j.jhydrol.2017.08.019>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## Effects of slope gradient on hydro-erosional processes on an aeolian sand-covered loess slope under simulated rainfall

F. B. Zhang <sup>a,b,\*</sup>, M. Y. Yang <sup>a,b</sup>, B. B. Li <sup>c</sup>, Z. B. Li <sup>b,e</sup>, W. Y. Shi <sup>d</sup>

<sup>a</sup> *State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau, Institute of Soil and Water Conservation, Northwest A&F University, Yangling, Shaanxi Province, 712100, PR China*

<sup>b</sup> *Institute of Soil and Water Conservation, CAS and MWR, Yangling, Shaanxi Province, 712100, PR China*

<sup>c</sup> *Beijing Water Science and Technology Institute, Beijing 100048, PR China*

<sup>d</sup> *Chongqing Key Laboratory of Karst Environment, School of Geographical Sciences, Southwest University, Chongqing, 400715, PR China*

<sup>e</sup> *State Key Laboratory Base of Eco-Hydraulic Engineering in Arid Area, Xi'an University of Technology, Xi'an, Shaanxi Province, 710048, PR China*

\*Corresponding author: Fengbao Zhang

State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau,

Institute of Soil and Water Conservation,

Northwest A&F University,

Yangling, Shaanxi Province, 712100, PR China

E-mail address: fbzhang@nwsuaf.edu.cn (F.B. Zhang)

Tel.: +86 29 87012884; fax: +86 29 87016082.

Download English Version:

<https://daneshyari.com/en/article/5770830>

Download Persian Version:

<https://daneshyari.com/article/5770830>

[Daneshyari.com](https://daneshyari.com)