

Accepted Manuscript

Research papers

Watershed erosion modeling using the probability of sediment connectivity in a gently rolling system

David Tyler Mahoney, James Forrest Fox, Nabil Al Aamery

PII: S0022-1694(18)30287-7

DOI: <https://doi.org/10.1016/j.jhydrol.2018.04.034>

Reference: HYDROL 22737

To appear in: *Journal of Hydrology*

Received Date: 22 December 2017

Revised Date: 10 April 2018

Accepted Date: 11 April 2018

Please cite this article as: Mahoney, D.T., Fox, J.F., Al Aamery, N., Watershed erosion modeling using the probability of sediment connectivity in a gently rolling system, *Journal of Hydrology* (2018), doi: <https://doi.org/10.1016/j.jhydrol.2018.04.034>

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.



Revised Research Paper Submitted to:

Journal of Hydrology

Title:

Watershed erosion modeling using the probability of sediment connectivity in a gently rolling system

Authors:

1. David Tyler Mahoney, Graduate Associate, Department of Civil Engineering, University of Kentucky, tyler.mahoney@uky.edu
2. James Forrest Fox, Professor, Department of Civil Engineering, University of Kentucky, james.fox@uky.edu
3. Nabil Al Aamery, Graduate Associate, Department of Civil Engineering, University of Kentucky, nabil.hussain@uky.edu

Corresponding Author:

James Forrest (Jimmy) Fox, Professor, Department of Civil Engineering, University of Kentucky, 354G O. H. Raymond Bldg., Lexington, KY 40506-0281, Phone: (859) 257-8668, james.fox@uky.edu

Keywords: sediment transport, stochastic, watershed scale, disconnectivity

Download English Version:

<https://daneshyari.com/en/article/8894880>

Download Persian Version:

<https://daneshyari.com/article/8894880>

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