

Accepted Manuscript

Evaluating gullying effects on modeling erosive responses at basin scale

A. Millares, M. Díez-Minguito, A. Moñino

PII: S1364-8152(18)30125-7

DOI: [10.1016/j.envsoft.2018.09.018](https://doi.org/10.1016/j.envsoft.2018.09.018)

Reference: ENSO 4314

To appear in: *Environmental Modelling and Software*

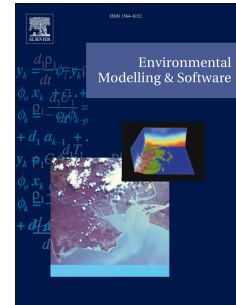
Received Date: 13 February 2018

Revised Date: 12 September 2018

Accepted Date: 24 September 2018

Please cite this article as: Millares, A., Díez-Minguito, M., Moñino, A., Evaluating gullying effects on modeling erosive responses at basin scale, *Environmental Modelling and Software* (2018), doi: <https://doi.org/10.1016/j.envsoft.2018.09.018>.

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.



Highlights

- Soil erodibility is overestimated to compensate for gully contributions.
- A geomorphological threshold for sediment yield relates gully density and erodibility.
- Prominent role of soil and subsoil erodibility in erosive response.
- Measuring gully contributions remains an important challenge at the basin scale.

Download English Version:

<https://daneshyari.com/en/article/11017519>

Download Persian Version:

<https://daneshyari.com/article/11017519>

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