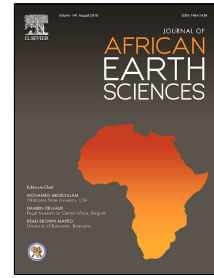


# Accepted Manuscript

Development of an empiric model of estimation of the environmental risk of soil physical degradation in the context of climate change Application in the Mejerda Valley, Tunisia

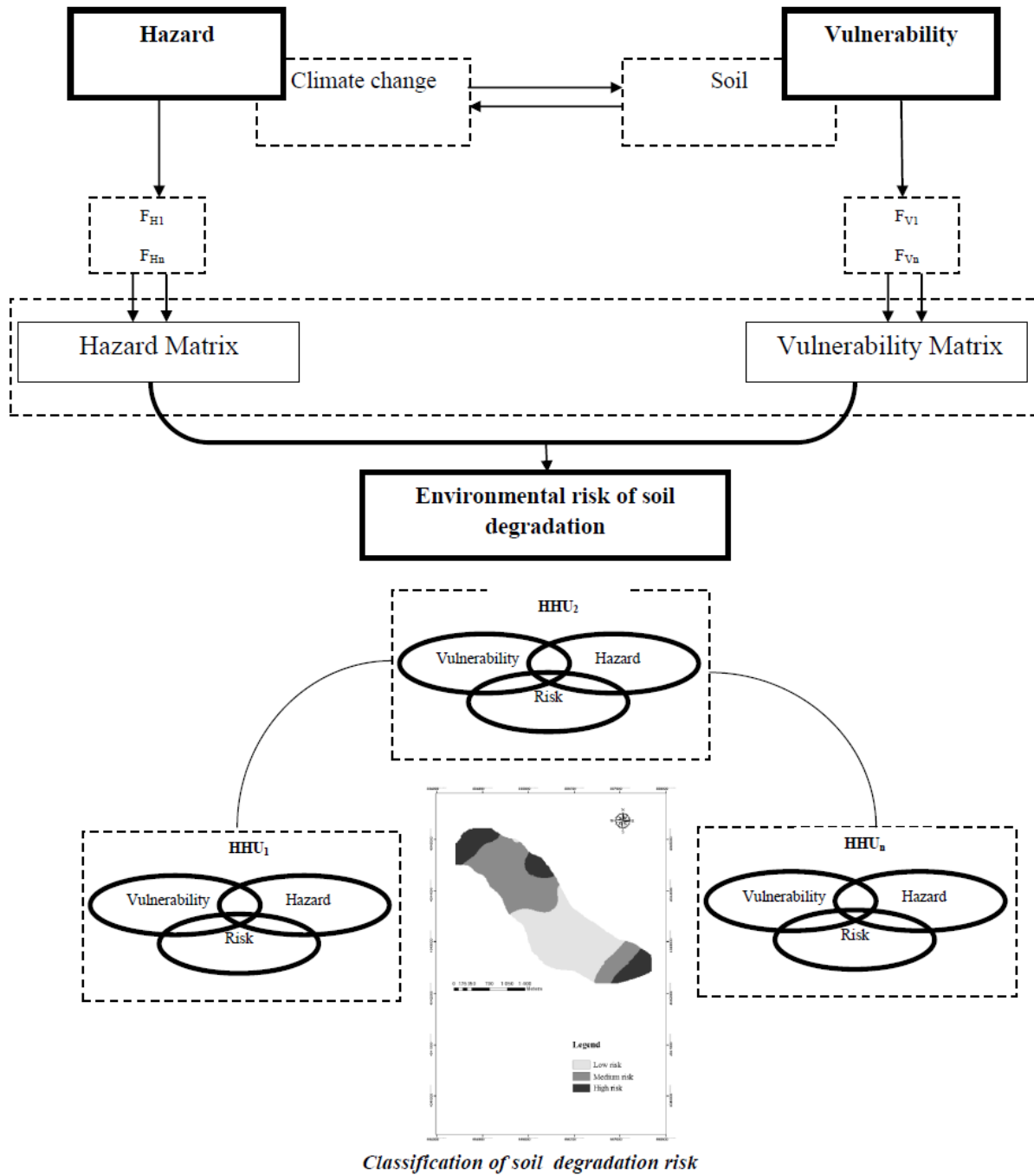


R. Riahi, A. Hatira, S. Baccouche, A. Nakouri

PII: S1464-343X(18)30199-7  
DOI: 10.1016/j.jafrearsci.2018.07.003  
Reference: AES 3265  
To appear in: *Journal of African Earth Sciences*  
Received Date: 03 May 2017  
Accepted Date: 04 July 2018

Please cite this article as: R. Riahi, A. Hatira, S. Baccouche, A. Nakouri, Development of an empiric model of estimation of the environmental risk of soil physical degradation in the context of climate change Application in the Mejerda Valley, Tunisia, *Journal of African Earth Sciences* (2018), doi: 10.1016/j.jafrearsci.2018.07.003

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.



	<i>Low</i>	<i>Medium</i>	<i>High</i>
<i>Land use</i>	olive trees	Cereal culture	Bare land
<i>Slope</i>	Low	Medium slope	High
<i>Risk</i>	$3,58 \times 10^4 < \text{risk} < 14,54 \times 10^4$	$5,09 \times 10^4 < \text{risk} < 18,23 \times 10^4$	$6,36 \times 10^4 < \text{risk} < 21,94 \times 10^4$

$F_{H1}$ : hazard factor 1       $F_{Hn}$ : hazard factor n       $F_{V1}$ : vulnerability factor 1       $HHU_1$ : homogenous hydrological unit  
 $F_{Vn}$ : vulnerability factor n

**Fig :** Graphical abstract

Download English Version:

<https://daneshyari.com/en/article/8913389>

Download Persian Version:

<https://daneshyari.com/article/8913389>

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