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# development by considering different rainfall parameters: A Review

By

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**JOURNAL OF ECOLOGICAL ENGINEERING**

Volume: 22 Issue: 10 Page: 85-97

DOI: 10.12911/22998993/142183

Published

NOV 2021

Indexed

2021-11-17

Document Type

Review

Abstract

This paper reviews the development of landslide thresholds from the perspective of rainfall and climate patterns. For certain, geology, morphology, lithology, etc., contribute to the initiation of the mass movement. However, the role of rainfall as the triggering mechanism of the landslide is vital as well. It has been proven by many researchers from various studies worldwide that have proposed the rainfall thresholds by utilising different rainfall parameters. The outcome of their studies is interesting, since different regions have diversified patterns of rainfall that produce a variety of threshold models. Therefore, from various published papers on rainfall thresholds, this paper studied the variety of rainfall parameters that have been utilised in establishing



the rainfall threshold for landslide prediction. Instead of providing a better understanding regarding the application, this review aimed to cultivate the following study for deriving rigorous parameters for the purpose of sustainable findings.

**Keywords**

**Author Keywords:** [rainfall threshold](#); [landslides](#); [rainfall parameters](#); [empirical](#); [correlation](#)

**Keywords Plus:** [SHALLOW LANDSLIDES](#); [DEBRIS FLOWS](#); [DURATION CONTROL](#); [RIVER-BASIN](#); [INITIATION](#); [INTENSITY](#); [HIMALAYAS](#); [PORTUGAL](#); [REGION](#); [FLOODS](#)

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**Categories/  
Classification**

Research Areas: Engineering

Citation [7 Engineering & Materials](#) > [7.133 Geotechnical](#) > [7.133.964](#)  
 Topics: [Science](#) > [Engineering](#) > [Landslides](#)

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**Funding**

Funding agency	Grant number
Ministry of Education of Malaysia	RACER/1/2019/TK01/UIAM//1

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New

**Journal information**

**JOURNAL OF ECOLOGICAL ENGINEERING**

ISSN 2299-8993

**1.3**

Journal Imp <sup>29</sup>  
Factor™ (2022)

**Current Publisher** POLISH SOC ECOLOGICAL ENGINEERING-PTIE, LUBLIN UNIV TECHNOLOGY, ENVIRONMENTAL ENGINEERING FAC, NADBYSTRZYCKA 40B, LUBLIN 20618, POLAND

**Journal Impact Factor** [Journal Citation Reports™](#)

**Research Areas** Engineering

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**Journal Citation Indicator™**  
 (2022)

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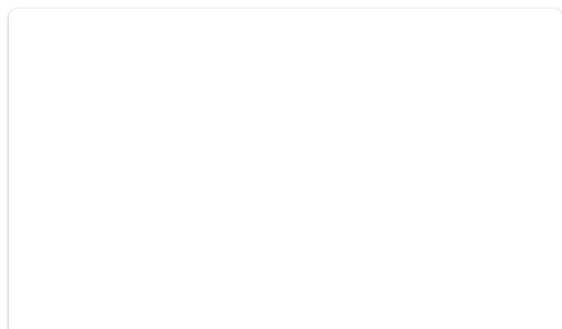
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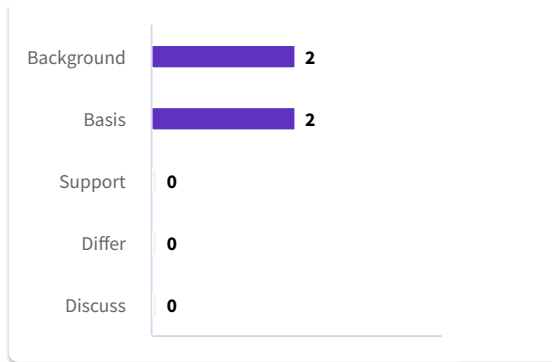
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