



Vol. 15 (1),
January 2022

DISASTER ADVANCES

INDEXED IN SCOPUS, GEOBASE
AND UGC

❖ ❖ ❖ ❖ **DISASTER ADVANCES** ❖ ❖ ❖ ❖

**An International peer reviewed Journal in Natural Disasters, Manmade Disasters,
Earth Sciences, Geo-Sciences and Atmospheric Sciences**
“Disaster Advances”, Volume No. 15(1), Pages 1-70, January (2022)

Editor-in-Chief (Hon.)
Dr. Hyo Choi, Ph.D.
KOREA

Correspondence Address:
“Disaster Advances”
Sector AG/80, Scheme No. 54, Indore 452 010 (M.P.) INDIA
Mobile: +91-94250-56228

Website: <https://www.worldresearchersassociations.com>

E-mail: info@worldresearchersassociations.com

CONTENTS

<i>Research Papers:</i>		
1.	Landslide Susceptibility Mapping using Frequency Ratio, a case study of Vythiriblock in Wayanad, the northern part of Kerala, India - Vinayan Midhuna, Grurugnanam B. and Bairavi S.	1-15
2.	Establishing a long-term Tidal Water Elevation for Thane City, India - Pujari S.S. and Wayal A.S.	16-23
3.	Human Discomfort Index as a measure of biometeorological parameters influencing population: A study over selected cities of Andhra Pradesh - Chandu Kavitha, Akasapu Dharma Raju and Samudrala Venkata Jagannadha Kumar	24-29
4.	A Geographical Study of Rural Out migration and Demographic Changes in Hilly State Uttarakhand - Lal Mohan, Ahmad Vaseem and Nand Kevla	30-34
5.	Community-based Disaster Risk Reduction Strategy in Case of Merapi Eruption at Balerante Village, Klaten Regency, Central Java Province - Kurniawan Lilik, Zauhar Soesilo, Maarif Syamsul and Mindarti Lely Indah	35-42
6.	Flood Risk Mapping using integrated fuzzy membership and Analytical Hierarchy Process at Sarpang district in Bhutan - Thongley, Vansarochana C., Wangmo D., Tenzin J. and Choki T.	43-52
7.	Detection of forest fire burn-area using landsat-8 and sentinel-2: a case study of Nivale (Kolhapur) beat of Chandoli National Park, Maharashtra, India - Lohar Shobha, Panhalkar Sachin and Patil Abhijit	53-60
8.	The contribution of GIS and remote Sensing for mapping fracture networks in the northern border western High Atlas Mafrrakech (Morocco) - Idir EL Konty, Ahmed Algouti, Abdellah Algouti and Fatiha Hadach	61-70

❖ EDITORIAL BOARD: P III ❖