



VOL. 14 (3), MARCH 2021



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. **14(3)**, Pages 1-91, **March (2021)**

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

Research Papers:		
1.	Failure mechanism of Rangvamual landslide, Aizawl, Mizoram, India - Verma Rahul, Rao Ch. Udai Bhaskar, Blick John, Gaopatwe Maipelo and Malsawmtluanga	1-9
2.	Seismic Site Classification and Ground Response Analysis of Amaravati Region, Andhra Pradesh, India - Madhusudhan Reddy M., Hanumantha Rao Ch, Rajashekara Reddy K. and Kalyan Kumar G.	10-20
3.	Evaluation and stability assessment of pillars of an underground mine under various conditions - Ambati Yarraiah Bharath Kumar and Ganapathy Pattukandan Ganapathy	21-29
4.	Knowing Climate Change: Knowledge, Perceptions and Awareness (KPA) among Higher Education Students in Eritrea - Alam Mohammad Afsar, Alam Mumtaz and Kundra Sakul	30-39
5.	Analysis of Potential Disaster in The New Capital of Indonesia and its Mitigation Efforts: A Qualitative Approach - Hayatul Khairul Rahmat, I Dewa Ketut Kerta Widana, A Said Hasan Basri and Zaen Musyirifin	40-43
6.	A simple numerical and analytical analysis of Covid-19 progression, infection inhibition and control in various countries - Chakravarty U., Chaturvedi Deepa and Joshi M.P.	44-53
7.	Frequent occurrence of urban flash floods in North China: an urgent and attention getting issue - Zhilei Huang and Shanzhong Qi	54-55
8.	How Earthquakes can affect Health Sector of the Economy? - Ghazal Shahpari, Malihe Ashena and Mehran Shahpari	56-62
9.	Assessment of Spatio-Temporal Fluctuations of Snow Cover in Beas Basin, Western Himalaya using Geospatial Techniques - Kumar Shekhar and Rao K. Nageswara	63-72
10.	Resilience of Prisoners Volunteers “Bui Squad” in responding to the Earthquake in Palu Correctional Institution, Central Sulawesi - Dina Ruslanjari, Rahmat Hidayat Made, Titis Puspita Dewi and Inayah Bastin Al Hakim	73-82
11.	How to improve Emergency Management Information: A Case Study - Kyoo-Man Ha, Jin-Gyu Park, Tae Hawn Kim and Chang Yeol Lee	83-91