



VOL. 18(6), JUNE 2025
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. 18(6), Pages 1-81, June (2025)

Editor-in-Chief (Hon.)
Dr. Bin Xu, Ph.D.
CHINA

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.	Land Use and Land Cover Classification using Support Vector Machine Technique: A Case Study of Kaddam Watershed - Sridhar P., Anil K., Raju J.N.S.S. and Ramana K.V.	1-6
2.	In the Shadow of Climate Change: Exploring Livelihood Vulnerability in the Juang Communities of Keonjhar - Jena Damodar, Das Shusrisangeeta, Mishra Priyanka, Kar Brajaballav, Patnaik Sonali and Panda Itishree	7-17
3.	Flood Susceptibility Assessment for Coastal Villages of Southern Tamil Nadu: An Integrated GIS and AHP Approach - Aswin S.K., Stephen Pitchaimani V. and Antony Alosanai Promilton A.	18-27
4.	Urban Development with Green Infrastructures for Optimised Climate Change Conditions - Agrawal Swati and Lamba Akshit	28-34
5.	Exploring the Use of Domestic Wastewater as an Alternative to Freshwater in Concrete Production to avoid future Disasters - Peche Rajesh T. and Jamkar Sanjay S.	35-41
6.	An Integrated Landslide Susceptibility Mapping of Wayanad district, Kerala using AHP and FR Models: A Lessons from the 2024 Landslides - Akhil Tej S., Ramya Swetha R., Venkata Rami Reddy Y., Padma Priya K.T. and Vishnu Vardhan Reddy L.	42-57
7.	Industrial Accident Analysis and Predictive Models for Workplace Hazard Prevention - Rao Eswara Veera Raghava and Pandey Ashutosh	58-64
8.	Design optimisation of Jwaneng mine cut 9 waste dumps - Verma Rahul, Nyamuzihwa Angeline R.N., Lesetlhe Thabo, Blick John and Malsawmtluanga	65-73
<i>Review Paper:</i>		
9.	Acid rain and its effect on aquatic ecosystem: A critical review on plants - Neha S., Jyotika Jayan, Vasukhi S.M. and Jidhu Vaishnavi S.	74-81