LITERATURE SURVEY

Date	25 September 2022
Team ID	PNT2022TMID16376
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	2 Marks

S.No	TITLE	PUBLISHED YEAR	OBJECTIVE	METHODOLOGY
1.	Quantifying change after natural disasters to estimate infrastructure damage with mobile phone data	2018	Indicates how mobility patterns change during post disaster time frame, is crucial in order to settle rescue centers and send help to the most affected areas	Describes the approach used to work with aggregated CDR data
2.	Degree of network damage: A measurement for intensity of network damage	2014	To define degree of network damage (DND), a measurement used to classify the effect of a destructive event on network infrastructures, human, and traffic flows	A five-scale degree of network damage is developed to indicate the impact of disaster events on networks. We combine two network metrics to determine the degree of network damage from the perspective of an ISP.
3.	Natural Disasters Intensity Analysis and Classification Based on Multispectral Images Using Multi-Layered Deep Convolutional Neural Network	2021	To build a multilayered deep convolutional neural network that detects the occurrence of disasters and classifies natural disaster intensity.	The proposed model works in two blocks: Block-I CNN, for detection and occurrence of disasters, and Block-II CNN, for classification of natural disaster intensity types with different filters and parameters
4.	Urban Damage Detection Using Decorrelation of SAR Interferometric Data	2002 IEEE	It indicates a fact that the building damage causes the interferometric decorrelation.	It can be detected using interferometric decorrelation of ERS and JERS-1 SAR data.
5.	Tropical Cyclone Intensity Estimation Using Multidimensional Convolutional	2021	Tropical Cyclone Intensity Estimation Using Multidimensional Convolutional Neural	Accurate estimation of TC intensity is important to theoretical research studies and practical applications when compared to models like CNN.

	Neural Network From Multichannel Satellite Imagery		Network From Multichannel Satellite Imagery	