LITERATURE SURVEY

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Paper title	Author Name	Objectives
Natural Disasters Intensity Analysis and Classification Based on Multispectral Images Using Multi-Layered Deep Convolutional Neural Network (2021)	**Muhammad Aamir**	Many researchers have attempted to use different deep learning methods for detection of natural disasters. However, the detection of natural disasters by using deep learning techniques still faces various issues due to noise and serious class imbalance problems.
Universal severity classification for natural disasters (2021)	**H.Jithamala Caldera**	Developing a Universal Disaster Severity Classification Scheme (UDSCS) is necessary to solve the previously mentioned problems. This new universal system is expected to integrate all current measurement systems: impacts, management, and size.
Domain knowledge integration into deep learning for typhoon intensity classification (2020)	**Maika higa**	We estimated the typhoon intensity classes by using two models: (a) VGG-16 with the original satellite images and (b) VGG-16 with the fisheye-preprocessed images.
Evidence for sharp increase in the economic damages of extreme natural disasters (2019)	**Matteo Coronese**	Our results motivate additional efforts to acquire better data on natural disasters and their economic impacts, increasing accuracy and spatial resolution of proxy variables for fast-evolving factors (e.g., wealth at risk or adaptation measures). Such data will allow validation and extensions of our analyses.