

NATURAL DISASTERS INTENSITY ANALYSIS AND CLASSIFICATION USING ARTIFICIAL INTELLIGENCE

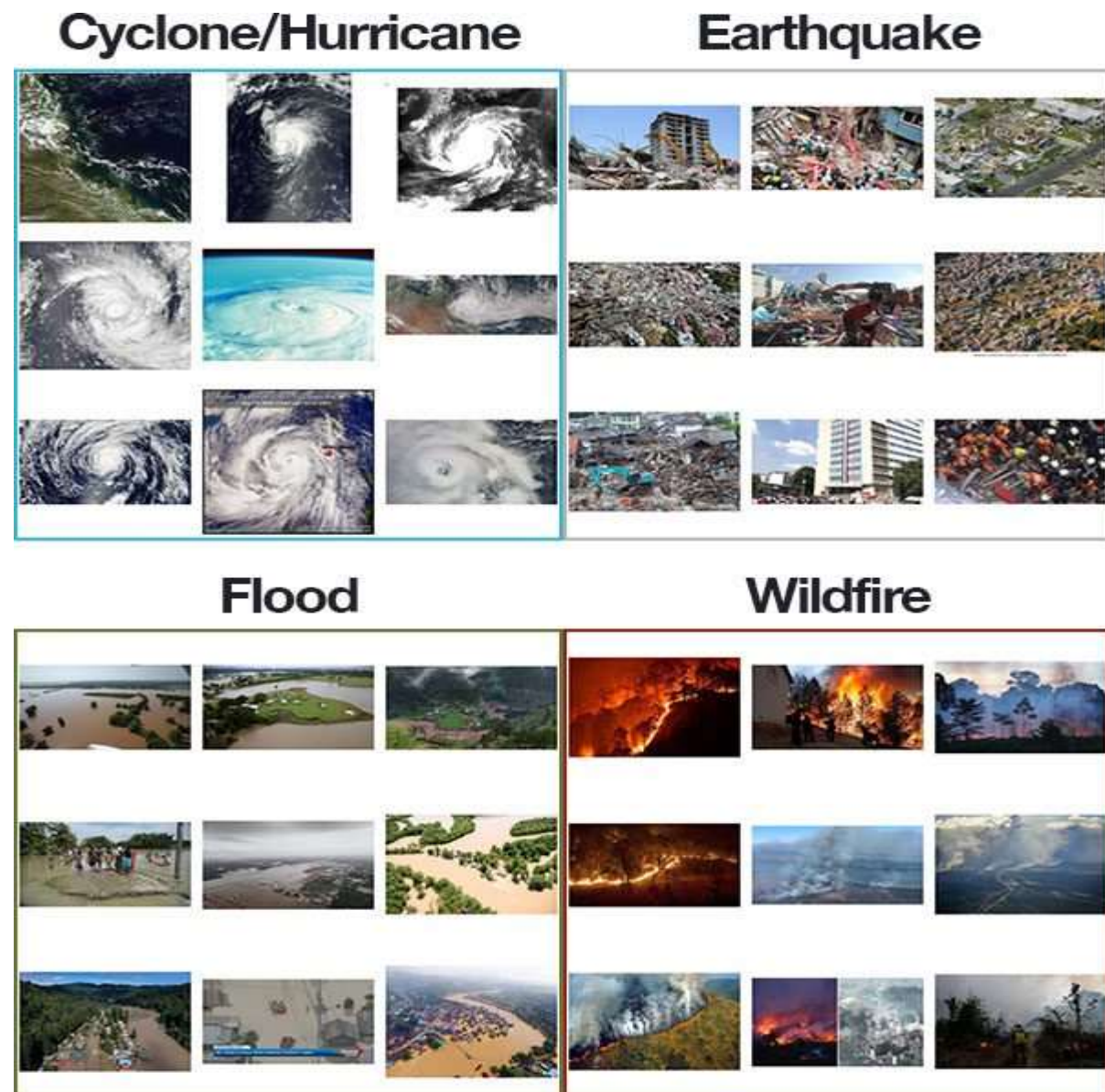
COLLECTION OF DATASET

The samples to be collected form the datasets are:

- Incident dataset
- Kaggle dataset

INCIDENT DATASET:

The Incidents1M Dataset, a large-scale multi-label dataset which contains 977,088 images, with 43 incident and 49 place categories. We provide details of the dataset construction, statistics and potential biases; introduce and train a model for incident detection.



KAGGLE DATASET:

This dataset contains information on global occurrences of natural disasters and the economic damage caused by them. The included types of natural disaster are 'Drought', 'Earthquake', 'Extreme temperature', 'Extreme weather', 'Flood', 'Impact', 'Landslide', 'Mass movement (dry)', 'Volcanic activity' and 'Wildfire'. It also includes information on all these natural disasters combined.

