NATURAL DISASTER INTENSITY ANALYSIS AND CLASSIFICATION USING ARTIFICIAL INTELLIGENCE

OBJECTIVES:

- To prevent natural disasters and achieve substantial reduction of disaster risk and losses in lives, livelihoods, health, and assets.

- To increase resilience and prevent the emergence of new disaster risks and reduce the existing risks.

- To enhance earthquake detection and tsunami warning using geological information from research centres around the world.

- To prevent natural disasters in the future, said model can be used to predict future disasters and take some action against heavy loss of human ecological systems and property.

- To develop the hazard maps for the detection of events in real time, the provision of situational awareness and decision support, and beyond.

- To detect and classify the type of disaster with a high accuracy rate.