

Seismic Indicators Based Earthquake Magnitude Prediction for Bangladesh Using Machine Learning Algorithms

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Introduction

Earthquakes are the most unanticipated and catastrophic natural disasters. Due to its complex nature, it is challenging to predict earthquakes early. But the prediction of the time of occurrence, magnitude, and epicentral location of future earthquakes has been the subject of study in recent years. [1] The use of the machine learning process has recently started in the field of Earthquake Engineering. [2, 3] It offers advantages in handling complex problems and facilitates decision making which may evolve shortly.