

World Disaster Scenario with the perception of Human Development Index

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Abstract

Natural disasters do not differentiate countries but people getting affected and other damages could differ according to the countries being developed or developing. Being inefficient in coping up with the disaster developing or under developed countries are often end up with high death toll. In the present study correlation between different parameters of HDI of countries and the occurrence of disasters and their after effects has been statistically tested. Probability of the occurrence of a particular disaster in the next 25 years has been calculated on the basis of the data for the last 112 years. For the better and visual understanding, a hotspot map of disasters on the basis of the probability results, HDI values and population density have been prepared to identified the countries with the combination of higher probability of the occurrence of disaster in the next 25 years, low HDI and higher population density that can be of great help for the international disaster relief funding agencies.