



## **Disaster: Management Tools and Guidelines for Effective Recovery**

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**Abstract:** Disaster is a sudden, calamitous event bringing great damage, loss, and destruction and devastation to life and property. The damage caused by disasters is immeasurable and varies with the geographical location, climate and the type of the earth surface/degree of vulnerability. This influences the mental, socio-economic, political and cultural state of the affected area. Generally, disaster has the following effects in the concerned areas. It completely disrupts the normal day to day life. It negatively influences the emergency systems. Normal needs and processes like food, shelter, health, etc. are affected and deteriorate depending on the intensity and severity of the disaster. It may also be termed as “a serious disruption of the functioning of society, causing widespread human, material or environmental losses which exceed the ability of the affected society to cope using its own resources.” Thus, a disaster may have the following main features: unpredictability, unfamiliarity, speed, urgency, uncertainty, threat etc. Disaster management is a process or strategy that is implemented when any type of catastrophic event takes place. Sometimes referred to as disaster recovery management, the process may be initiated when anything threatens to disrupt normal operations or puts the lives of human beings at risk. Governments on all levels as well as many businesses create some sort of disaster plan that make it possible to overcome the catastrophe and return to normal function as quickly as possible. The present paper communicates natural disaster types, characteristics, impacts/damages causing due to disaster, and its management through technology, tools and guidelines for effective recovery.

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