



## Logistics Support and Its Management during Disaster Relief Operations

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### Abstract

The rate of occurrence of disasters has amplified during the last two decades and effects the hundreds of millions of people each year. The impact of disasters and the large scale recent global relief efforts has drawn the attention towards the dire need for effective and efficient disaster response operations. Reviewing the various reports on the logistics support during the disaster, especially the 2005 earthquake in northern areas of Pakistan, we could conclude that rapid response to the urgent relief needs at the right time at the right place in an efficient way is necessary for alleviation of disaster impact in the affected areas. The major and complex component of relief operations is the logistics. Enhancement in the emergency logistics is critical as it optimizes the humanitarian relief by better preparation. Planning prior to the disaster onset could play an important role in reducing the impact of the disaster and serve as the basis for the development of the logistics plan. The logistic management during the disaster must keep the balance between balance speed, security, storage and transport and number of other factors. However, the use of the geospatial technologies could help in the improved management logistics during disaster.

**Keywords:** Logistics; natural disasters; logistics management; emergency management.