Disaster Priortization and Assessment Document (Ordered with priority)

Chapter 1 : Assessment for Disaster_2

With the Analysis, We can approximate that Disaster_2 is Fire from the avialable dataset with 100% confidenece. Mitigating this disaster is our 1st priority,as it's hazard ranking is 28 . In case of multiple disasters underlying disaster can be prioritized according to population impact if hazard Rankings are same. The population Impact of the underyling disaster is 3 and acts as the second parameter of classifying and Ranking disasters among the list of disasters. Meanwhile if both of them are same we use the Economic impact for ranking the disasters. In this case it's 2, which can be traced from the table shown at the end of the document. Now as priority of this disaster is 1, we follow the following steps:

1. With maximum possible loss of population i.e. death we need to properly and judiciously outwiegh the life of many over our resources.Thus informally, leave everything and save lives.

2. As mediocre parameter in the given case, It will be a big help to introduce a corrective and effective measures to find high risk zones under the area of effect.

3. Property is least of the worries for the impact during the disasters, If it's valued at lowest, no special attention is needed because modern homes are pre fitted with safety measures.

(end of excerpt)

Disaster Priortization and Assessment Document (Ordered with priority)

Chapter 2 : Assessment for Disaster_1

With the Analysis, We can approximate that Disaster_1 is Severe Ice Storm from the avialable dataset with 100% confidenece. Mitigating this disaster is our 2nd priority,as it's hazard ranking is 22 . In case of multiple disasters underlying disaster can be prioritized according to population impact if hazard Rankings are same. The population Impact of the underyling disaster is 2 and acts as the second parameter of classifying and Ranking disasters among the list of disasters. Meanwhile if both of them are same we use the Economic impact for ranking the disasters. In this case it's 2, which can be traced from the table shown at the end of the document. Now as priority of this disaster is 1, we follow the following steps:

1. When population loss is expected to be medium, we need to priortize the population by migrating or alerting the zones of a state and yellow alert statewide.

2. As mediocre parameter in the given case, It will be a big help to introduce a corrective and effective measures to find high risk zones under the area of effect.

3. Property is least of the worries for the impact during the disasters, If it's valued at lowest, no special attention is needed because modern homes are pre fitted with safety measures.

(end of excerpt)

Disaster Priortization and Assessment Document (Ordered with priority)

Chapter 3 : Assessment for Disaster_3

With the Analysis, We can approximate that Disaster_3 is Fire from the avialable dataset with 100% confidenece. Mitigating this disaster is our 3rd priority,as it's hazard ranking is 20 . In case of multiple disasters underlying disaster can be prioritized according to population impact if hazard Rankings are same. The population Impact of the underyling disaster is 2 and acts as the second parameter of classifying and Ranking disasters among the list of disasters. Meanwhile if both of them are same we use the Economic impact for ranking the disasters. In this case it's 1, which can be traced from the table shown at the end of the document. Now as priority of this disaster is 2, we follow the following steps:

1. When population loss is expected to be medium, we need to priortize the population by migrating or alerting the zones of a state and yellow alert statewide.

2. Economic loss is the second severe loss after population or death, but it's Probability is less in this case we can just apply minimal mitigation techniques.

3. Even If Property is at yellow alert or medium level of danger we just need to check the maintenance of pre fitted systems.

(end of excerpt)