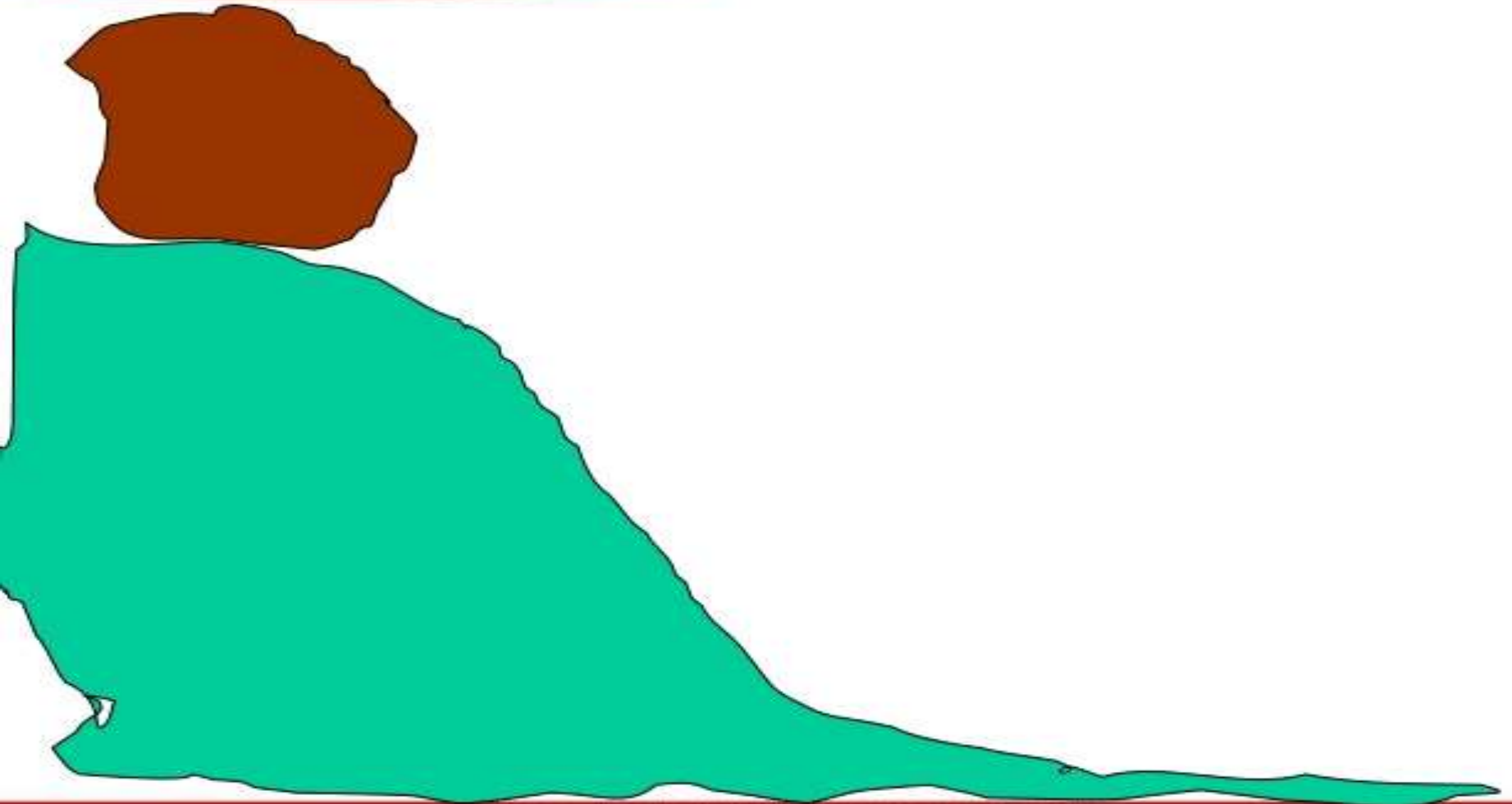


# Concepts of Disaster

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# Consequences of a “dynamic” Earth

- Earthquakes



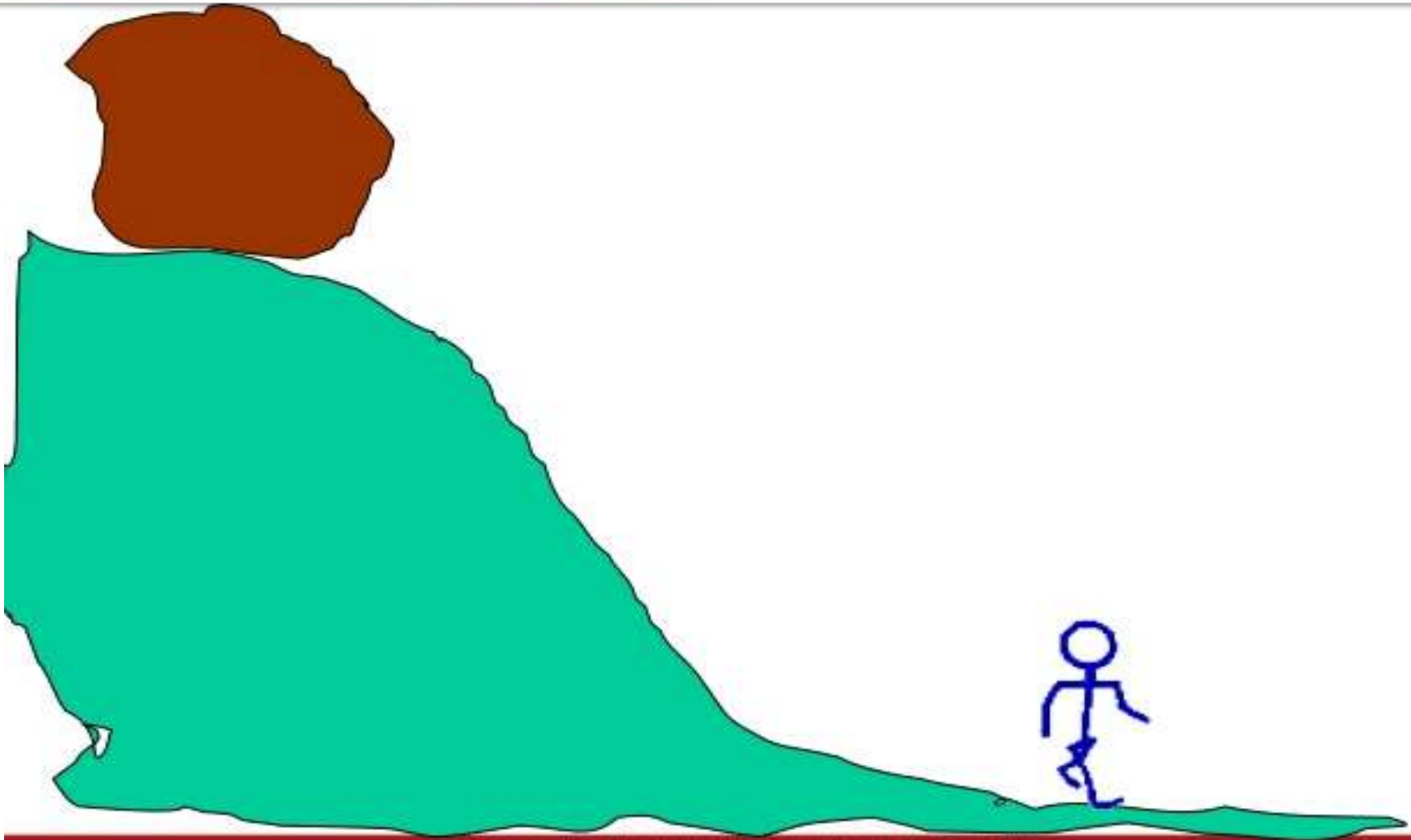
•



- Mountain Building



# Concepts of Disaster



Safer communities and sustainable development through disaster reduction

# Concepts of Disaster

## **DISASTER**

**The serious disruption of the functioning of society, causing widespread human, material or environmental losses, which exceed the ability of the affected people to cope using their own resources.**

**An event, either man-made or natural, sudden or progressive, causing widespread human, material or environmental losses**

# Disaster (As per DM Act, 2005)

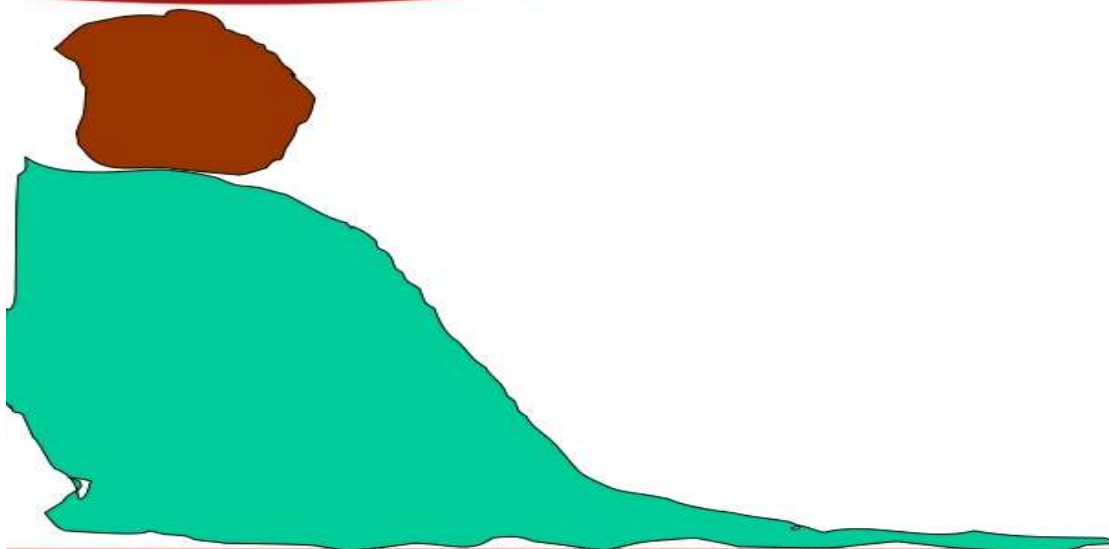
Disaster means a catastrophe, mishap, calamity or grave occurrence affecting any area from natural and manmade causes, or by accident or negligence, which results in substantial loss of life or human suffering or damage to, and destruction of property, or damage to, or degradation of environment and is of such a nature and magnitude as to be beyond the capacity of the community of the affected areas.

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## HAZARD

**Phenomenon or situation, which has the potential to cause disruption or damage to people, their property, their**

There is a potential for occurrence of an event



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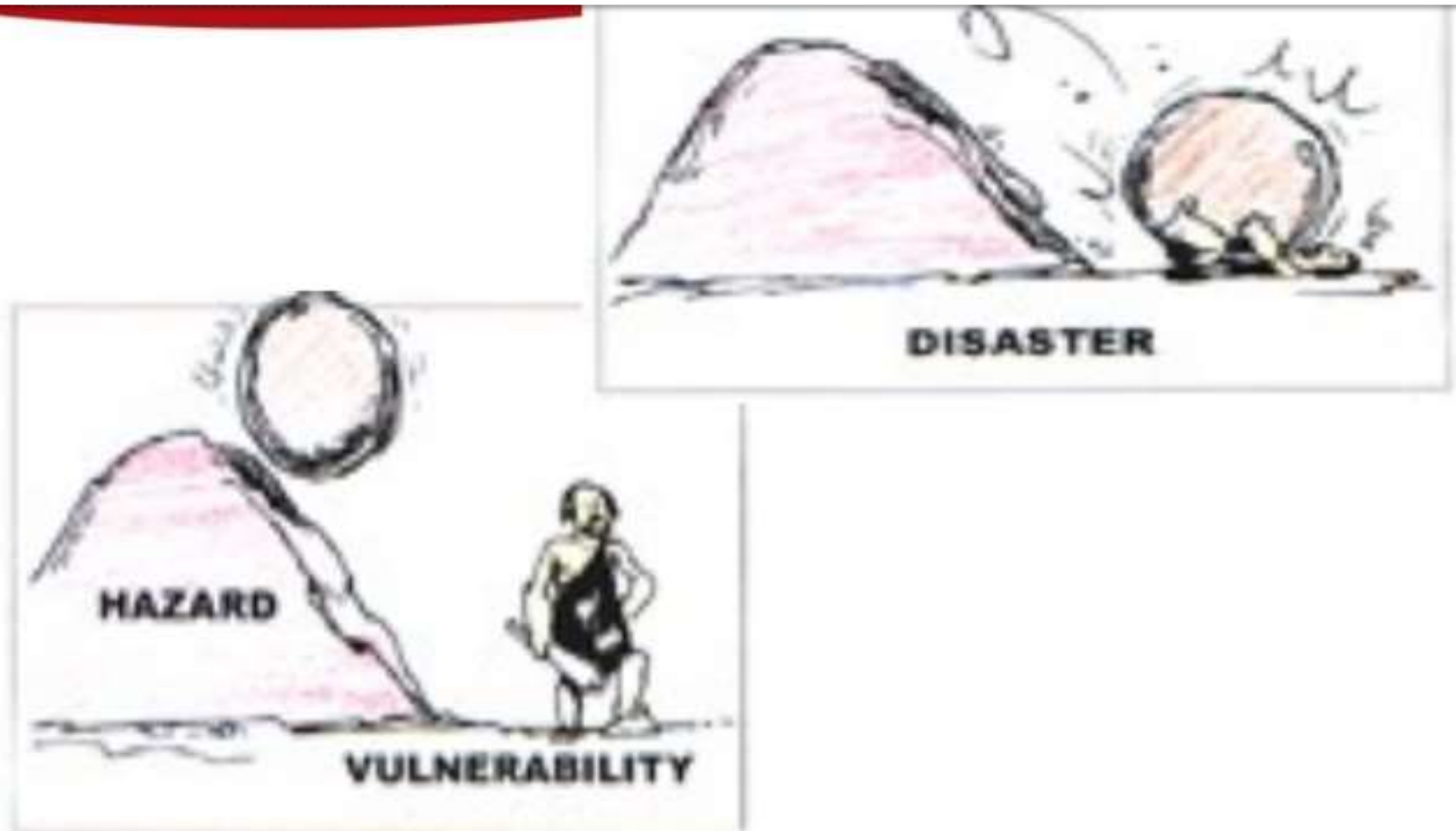
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## Vulnerability



Is a condition or sets of conditions that reduces people's ability to prepare for, withstand or respond to a hazard

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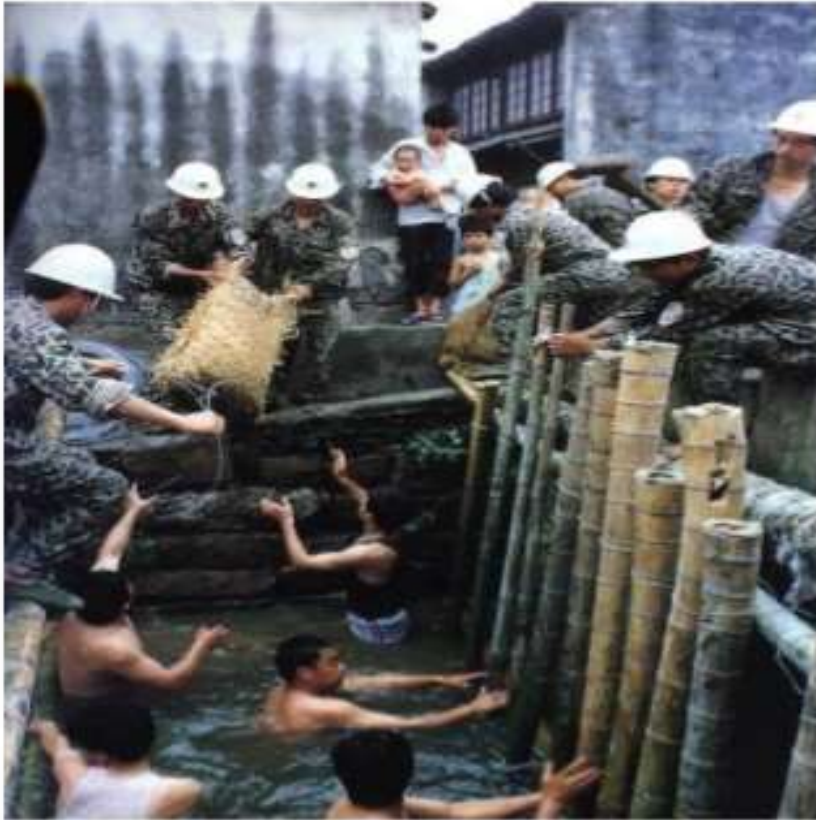




# Concepts of Disaster

## Capacity

Those positive condition or abilities which increase a community's ability to deal with hazards.



# Concepts of Disaster

## **Risk**

**The probability that a community's structure or geographic area is to be damaged or disrupted by the impact of a particular hazard, on account of their nature, construction, and proximity to a hazardous area.**



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**Hazard**



**X Vulnerability**



**Disaster Risk**



**Capacity**



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## Response



Actions taken immediately following the impact of a disaster when exceptional measures are required to meet the basic needs of the survivors.

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## **Relief**

Measures that are required in search and rescue of survivors, as well to meet the basic needs for shelter, water, food and health care.

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## Recovery

The process undertaken by a disaster affected community to fully restore itself to pre-disaster level of functioning.

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## Rehabilitation



### **Actions taken in the aftermath of a disaster to:**

- assist victims to repair their dwellings;
- re-establish essential services;
- revive key economic and social activities

# Reconstruction



Permanent measures to repair or replace damaged dwellings and infrastructure and to set the economy back on course.



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1

chair



2

disaster



3

rehabilitation



1

chair



2

disaster



3

reconstruction

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## Development



Sustained efforts intended to improve or maintain the social and economic well-being of a community

# Concepts of Disaster



## **Prevention**

Measures taken to avert a disaster from occurring, if possible (to impede a hazard so that it does not have any harmful effects).

# Concepts of Disaster



## Mitigation

Measures taken prior to the impact of a disaster to minimize its effects

(sometimes referred to as structural and non-structural measures).

# Concepts of Disaster



## **Preparedness**

Measures taken in anticipation of a disaster to ensure that appropriate and effective actions are taken in the aftermath.





