



Disaster

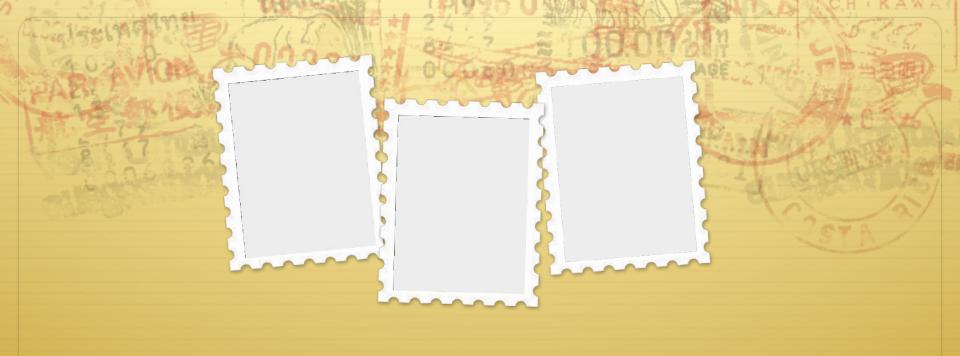
"A disaster can be defined as any occurrence that causes damage, ecological disruption, loss of human life or deterioration of health and health services on a scale sufficient to warrant an extraordinary response from outside he affected community or area."

(WHO)

Disaster

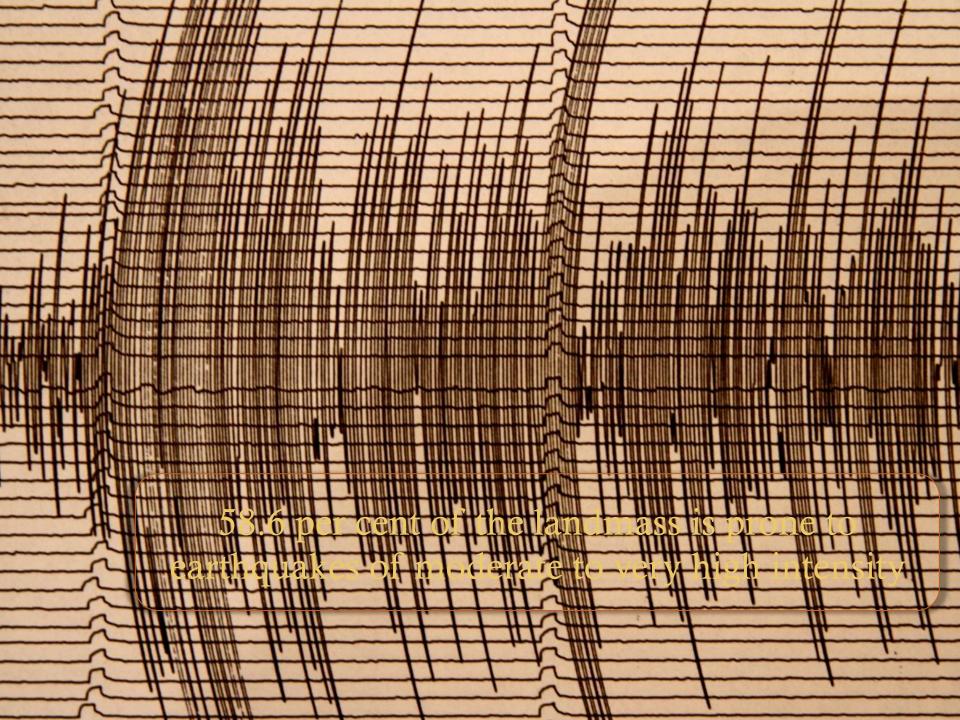
"Disaster means a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or man-made causes, or by accident or negligence which leads to substantial loss of life of human suffering or damage to and destruction of property, or damage to, or degradation of environment and is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

Disaster Management Act 2005



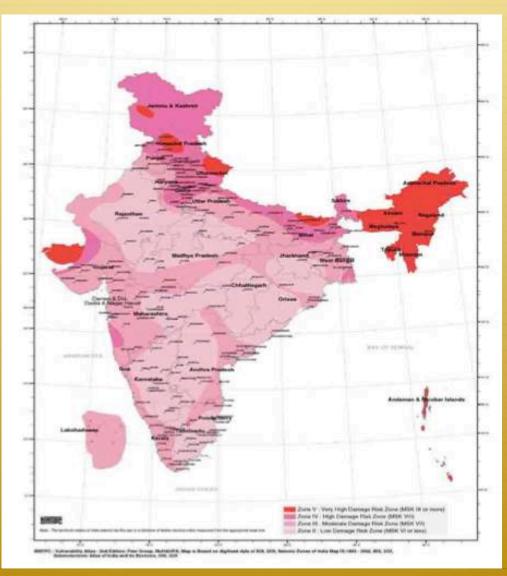
India and disasters

India is amongst the most disaster prone countries in the world due to high vulnerability to natural disasters like floods, earthquakes, cyclones and droughts.

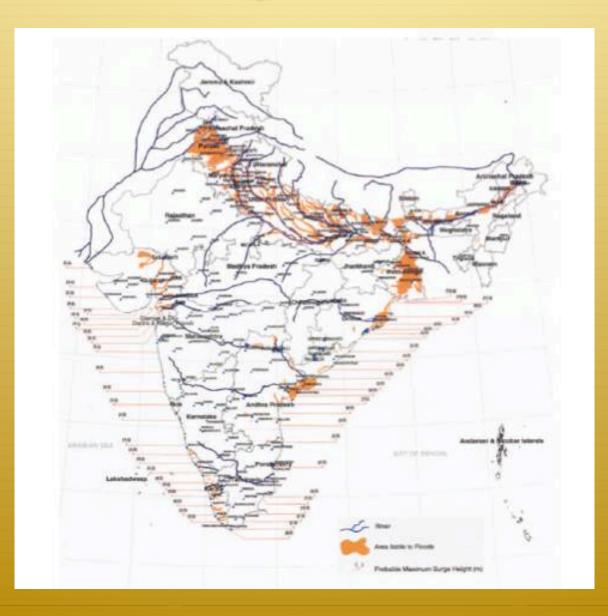




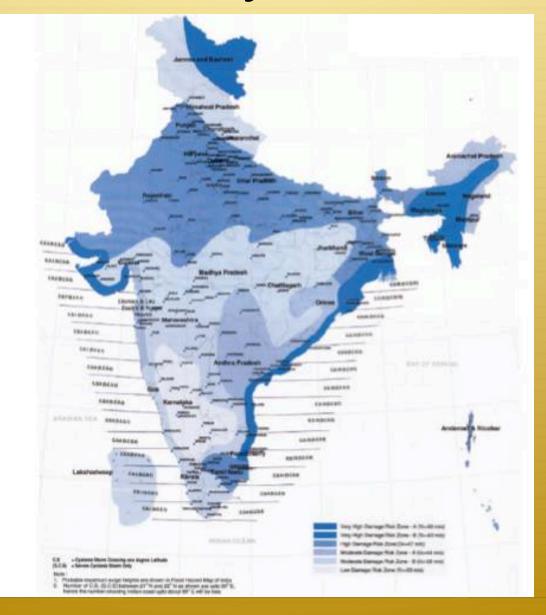
Earthquake zones



Flood zones

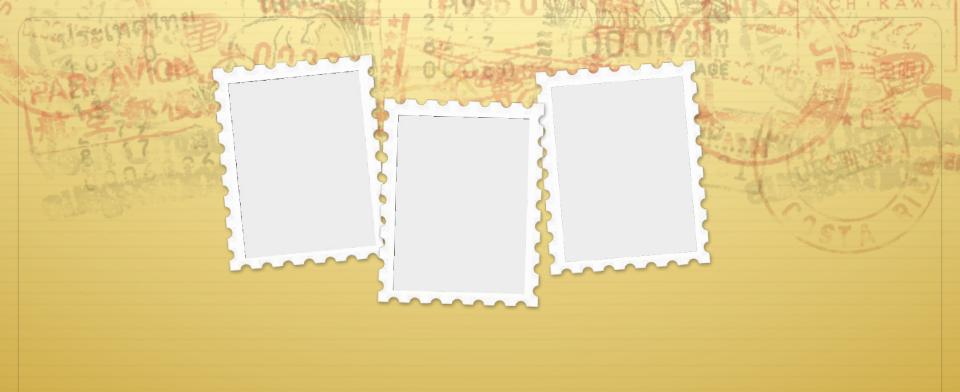


Wind and cyclone zones



Landslide-affected states



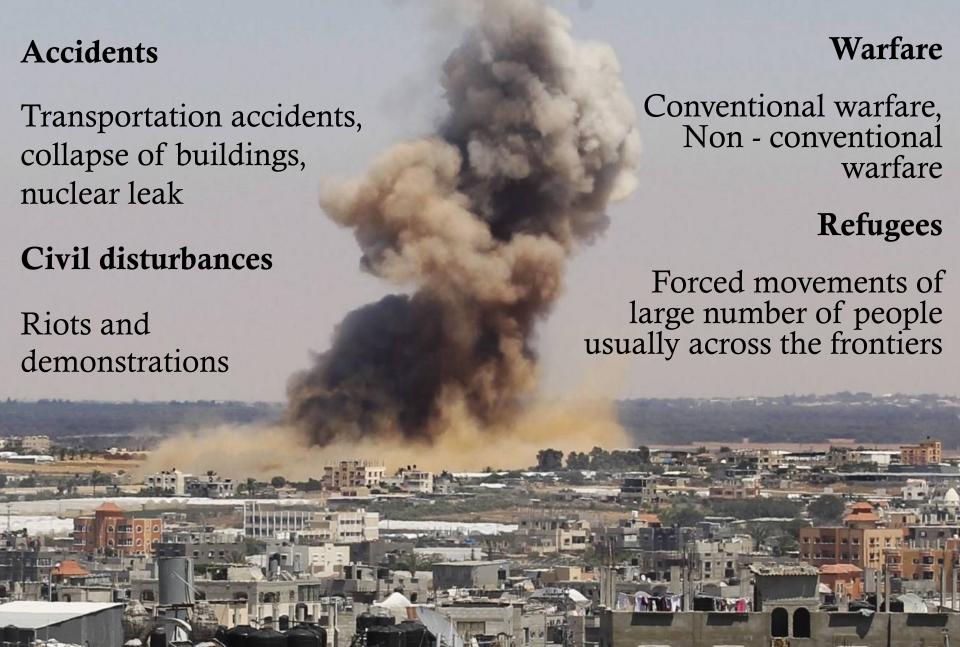


Name some disasters

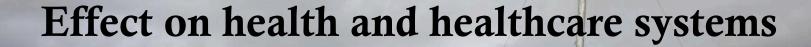
- Meteorological: Storms, cyclones, hailstorms, hurricanes, tornados, typhoons, snow storms, cold spells, heat waves and droughts.
- ♣ Topological: Earthquake, avalanches, landslides and floods
- → Biological: Epidemics of communicable diseases and insect swarms (e.g. locust swarms)

Natural Disasters

Man-made Disasters



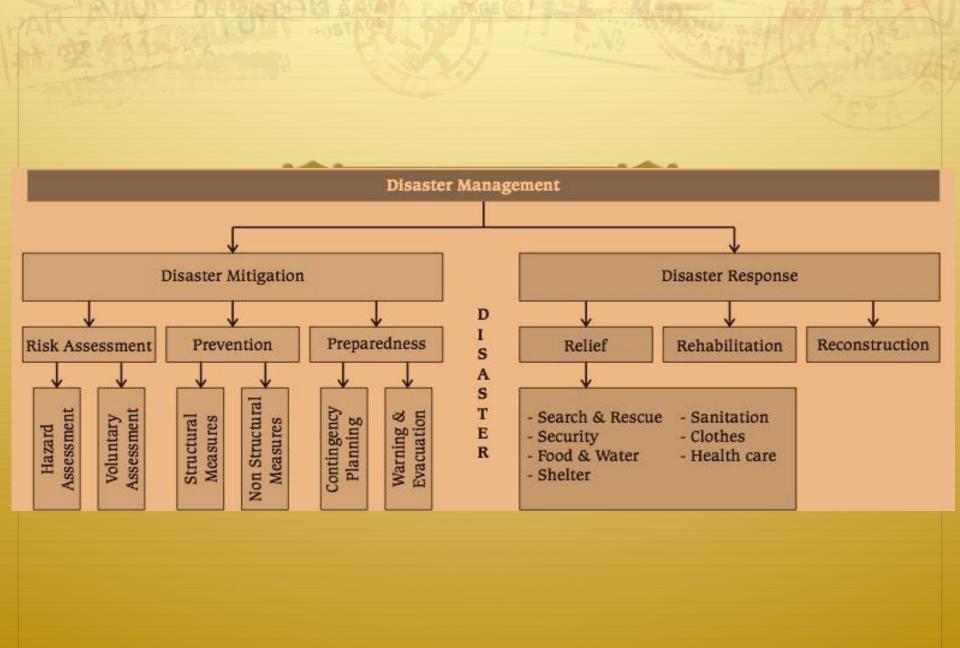






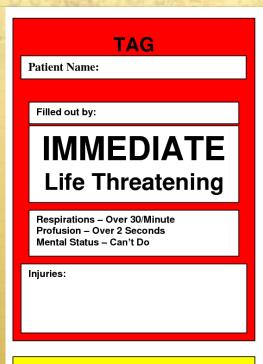
Factors

- **Pre existing Diseases in the Population**
- **Ecological Changes resulting from Natural Disasters-vector-breeding, zoonosis**
- * Population displacement
- Damage to public utilities
- **♦** Interruption in public health services
- **♦** Decreased immunity



Disaster response

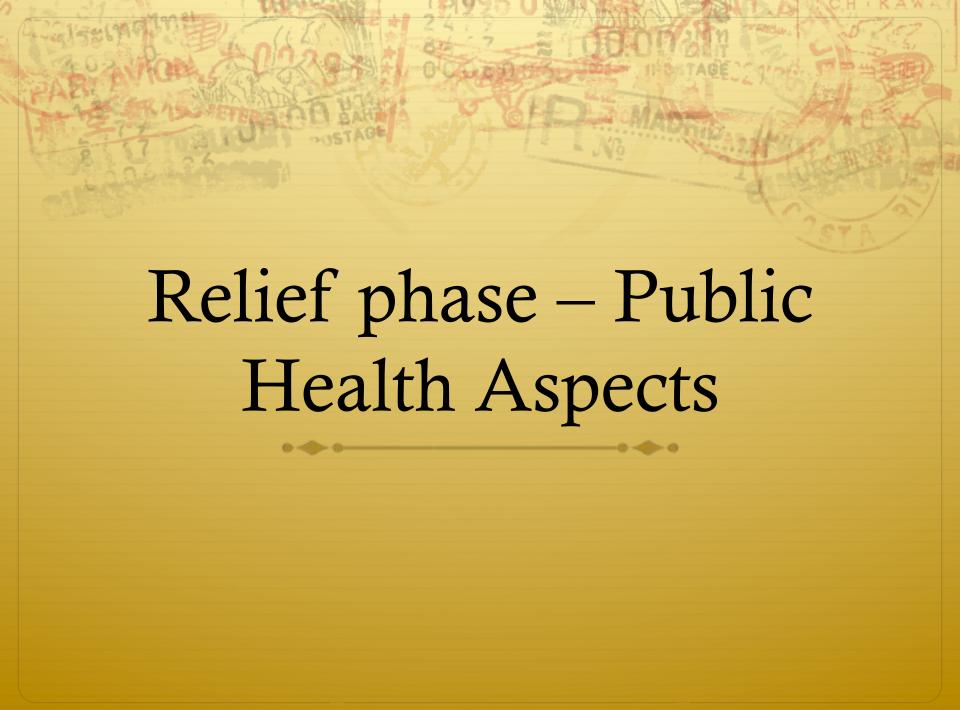
- ♦ Search, rescue and first-aid
- ♦ Triage





TRIAGE TAG Patient Name: Filled out by: DELAYED Serious, Not Life Threatenina Respirations - Under 30/Minute Profusion - Under 2 Seconds Mental Status - Can Do Injuries:

Patient Name: Filled out by: DEAD No Respirations	TRIAGE TAG
DEAD	Patient Name:
	Filled out by:



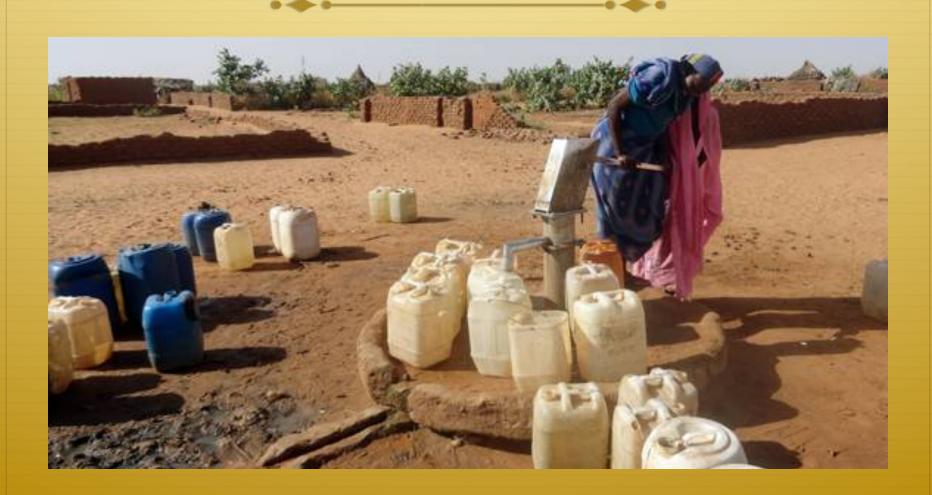
Excreta disposal



Accommodation



Water supply



Solid waste management



Vector Control



Food and Nutrition



Disease surveillance



Vaccination



All of the following are examples of natural disasters except

- (a) Meteorological Disasters
- (b) Topological Disasters
- (c) Accidents
- (d) Biological Disasters.

Relief, Rehabilitation and reconstruction are essential components of

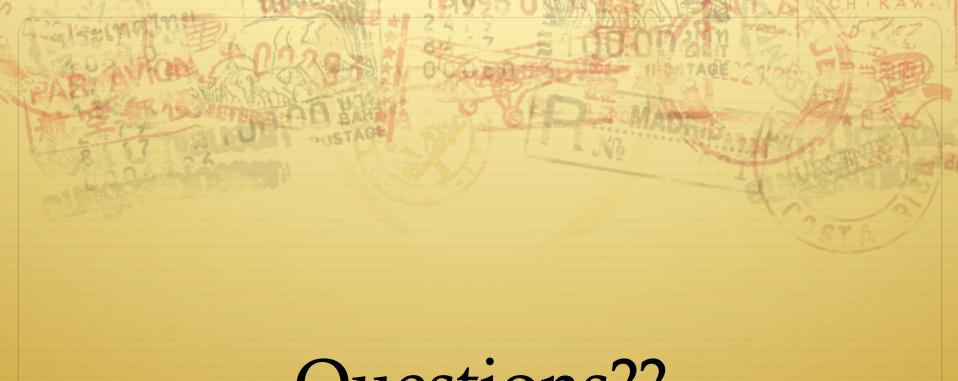
- (a) Disaster Mitigation
- (b) Disaster Response
- (c) Both of the above
- (d) None of the above.

All of the following factors influence the transmission of communicable diseases after natural disasters, except

- (a) Damage to public Utilities
- (b) Population Movements
- (c) Interruption in Public Health Services
- (d) Social reactions.

Mass vaccination campaigns against one of the following diseases would be imperative and helpful in times of disasters

- (a) Typhoid
- (b) Cholera
- (c) Scrub Typhus
- (d) Measles.



Questions??