

SECOND EDITION



DISASTER MANAGEMENT

DISASTER
MANAGEMENT...

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Disaster Management: Its Problems:

Effective disaster management requires overcoming a range of complex challenges, from poor coordination to limited resources. Understanding and addressing these problems is crucial to improving emergency response and resilience.



Introduction:

- Title: What is Disaster Management?
- Content:
- Definition: Disaster management is the organization, planning, and application of resources to minimize the impact of disasters.
- Objective: To protect life, property, and the environment through preparedness, response, recovery, and mitigation.

INTRODUCTION TO DISASTER MANAGEMENT



S.S. Nayak

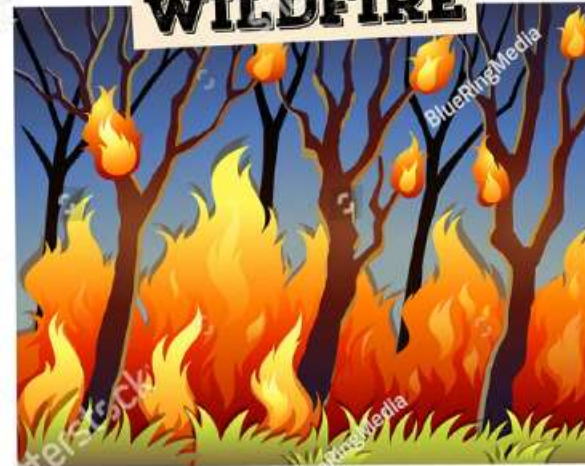
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Types of Disasters:

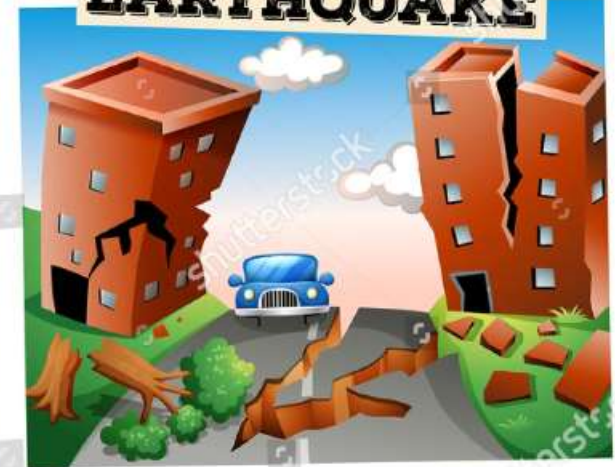
- **Natural Disasters:** Earthquakes, hurricanes, floods, wildfires, etc.
- **Man-Made Disasters:** Industrial accidents, nuclear incidents, terrorism, etc.
- **Complex Emergencies:** Situations where both natural and human factors cause crises, such as wars or widespread violence.

NATURAL DISASTERS

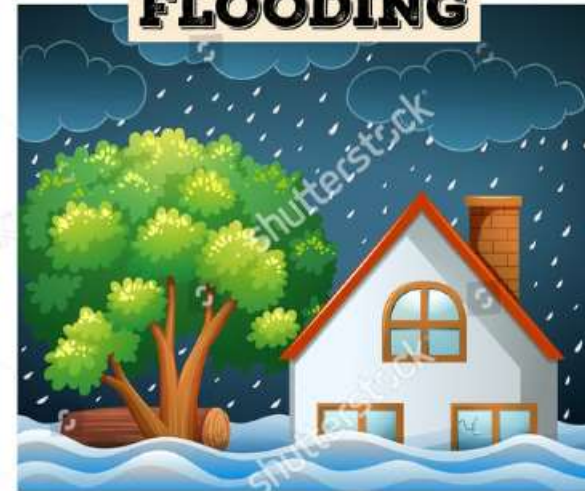
WILDFIRE



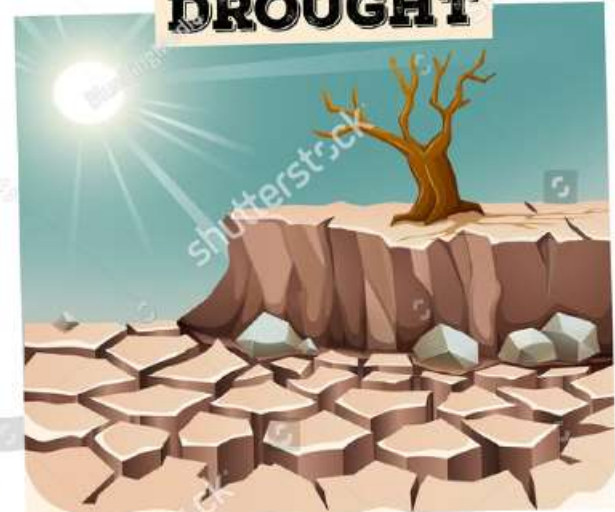
EARTHQUAKE



FLOODING



DROUGHT



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Disaster Management Phases:

- Title: Phases of Disaster Management:
- Content:
- **Preparedness:** Planning, training, and readiness activities.
- **Response:** Immediate actions to save lives and protect property.
- **Recovery:** Restoring normalcy and rebuilding.
- **Mitigation:** Reducing the impact of future disasters.



Preparedness:

- Title: Preparedness:
- Content:
- Developing emergency plans.
- Conducting drills and training exercises.
- Stockpiling supplies and equipment.
- Community awareness and education.

DISASTER MANAGEMENT AND PREPAREDNESS

• K. K. SINGH • A. K. SINGH



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Response:

- **Title:** Response:
- **Content:**
- Activation of emergency plans.
- Coordination among agencies and organizations.
- Deployment of resources and personnel.
- Providing immediate relief and medical aid.



Recovery:

- Title: Recovery:
- Content:
- Assessing and repairing damage.
- Providing support to affected individuals and communities.
- Rebuilding infrastructure and services.
- Evaluating the response and recovery efforts for future improvements.



Mitigation:

- **Title:** Mitigation:
- **Content:**
- Implementing building codes and land-use planning.
- Creating early warning systems.
- Educating the public about risk reduction.

