

Module 1

Understanding disasters and emergency management

Introduction

Unit 1

Introduction: Understanding disasters

Introduction

Terminology

What is a disaster?

Disasters around the world Hazards

Why disasters are increasing

Activity 1.1

The impacts of wars and conflicts: refugees and internally displaced persons

Activity 1.2

Understanding the impact of disasters: disaster typology, vulnerability and resiliency

Disaster typology

Vulnerability and capacities

Vulnerability at work

Activity 1.3

Unit summary

Unit 2

Understanding emergency management

Introduction

Terminology

What is emergency management?

The disaster management cycle

Mitigation

Preparedness

Response

Recovery

Activity 1.4

Disaster mythology

Activity 1.5

Disaster myths and realities

Myths relating to dead bodies

Other disaster myths and realities

Activity 1.6

Unit summary

Introduction to the Module

Module:1

Comprehending Hazards

What is Hazard?

Types of Hazard?

Hazards: An Overview

The ever broadening Scope of Hazards

Module:2

Getting a grip on Vulnerability

What is Vulnerability?

Dimensions of Vulnerability

How are you Vulnerable?

Dynamics of Vulnerability

Module:3

Experiencing Exposure

What is Exposure?

Scope of Exposure

Module:4

Understanding Risk

What is Risk?

A little mathematics does no harm

How do we assess Risk?

Module:5

De-coding Disaster

What is Coping Capacity?

Risk and Coping Capacity: Disaster

Module:6

Disaster Management to Disaster Risk Management

What is Disaster Management?

How do you Manage Disasters?

Evolution of Disaster Management: Shift from Disaster Management to Disaster Risk Management

Module:7

Resilience

What is Resilience?

How do we Build Resilience?

Are Disasters Impediment to Development or do they Foster Development?

Module:8

Dealing with Disasters

How is the world dealing with Disasters?

How is India dealing with Disasters?

Post Training Assessment.

Course Introduction; Inauguration; A Brief Overview of Major Disasters

1) Collapsed Structure Search & Rescue

Organizing a CSSR Operation

Structures, Materials and Damage Types

Operational Safety

Search and Location Techniques, Confined Space Rescue Operations

Lifting and Stabilizing Loads

2) Essentials of Fire Fighting & Control

Introduction: Classification of fires, Chemistry of fire, Causes & principles of extinction

Action in case of fire: Fire-fighting methods

Fire fighting equipment

Salvage: Rescue of casualties and resuscitation

3) Rope Rescue

Rescue Operations & Safety Management: Theoretical Aspects

Emergency Techniques (from higher level)

Water Rescue Techniques Using Ropes

Climbing, Crossing and Descending Techniques & Equipment

4) Water and Flood Rescue

Swimming Skills

Life Saving Skills

Knowledge of Terrain & Flood

Underwater Physiology & First Aid

Diving Emergencies

5) Basics of Medical First Response

Medical Terminology

The Emergency Medical Services (EMS) System and the Medical First Responder

Initial Assessment and Physical Exam

6) Weapons of Mass Destruction & NBC Emergencies

(i) Radiological Emergency

- (ii) Biological Emergency
- (iii) Chemical Emergency

7) Dignified Management of Dead Bodies

8) Communication during Emergencies

9) Behavioural Skills and Personal Development

10) Rock Climbing

11) Slithering

Course Feedback