

Disaster Management

Code URP 807	Credit Hours 3-0
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Course Description

After the course, students will be able to understand the nature of the disaster and will be able to develop disaster management policies/plans.

Reference Book:

1. Disaster Management and preparedness by Thomas D. Schneid Publisher CRC November, 22, 2000.
2. Principals of Emergency Planning and Management David Alexander
3. Published in the United States of America by Oxford University Press Inc. 1998 Madison Avenue, New York 10016
4. The primer on Disaster Risk management in Asia, ADPC, Bangkok, Thailand, 2006.
5. Mr. Aloysius J. Rego Director of Knowledge Sharing and partnerships and Co-Team Leader of Disaster management System team Asian Disaster Preparedness Center (ADPC) 2003.
6. Timothy Beatley, Philip Berke, David J. Brower 1999 Natural Hazard Mitigation: Recasting Disaster Policy and Planning Island Press ISBN: 1559636025
7. Charlotte Benson, Edward J. Clay (2004) Understanding the Economic and Financial Impacts of Natural Disasters World Bank Publications ISBN: 0821356852

Prerequisites

Nil

ASSESSMENT SYSTEM FOR THEORY

Quizzes	10-15%
Assignments	5-10%
Mid Terms	25%
ESE	40-50%
Term Project	10%

Teaching Plan

Week No	Topics	Learning Outcomes
1	Introduction	Introduction to disaster management Identifying the risks, Natural risks, Emergency risks
2- 3	Disaster management cycle	Preparation, Response, Recovery
4-5	Aims Purpose and Scope of Emergency Planning	Methodology; making and using maps, methodology of analytical Elements.
6-7	The emergency plan and its act valuation	The plan in practice; emerging management specialized planning reconstruction planning. Emergency Management Governmental regulations and universal preparation to ordinary with local assets
9	MID SEMESTER EXAM	
10-11	Preplanning for a disaster	Eliminating, minimizing to shifting risks, developing the action plan, developing the written plan, effective communication, selecting the right people, training for success media control

12-13	After a disaster	minimizing the damage, Governmental reactions, legal issue, disability issues, disaster preparedness assessments, personal disaster--- use of criminal sanctions
14-15	Policy, Legal and Institutional Framework	Sustainable, Development and Concept of DRM, Risk Assessment, Mitigation Planning and Implementation, Promoting Safer Building Construction, echo-financial mechanisms for Risk Management
16	Climate Forecasts Application	Flood Mapping, Early Warning,, Urban Planning, Structural Interventions
17	Earthquake (EQ) Disaster Risk Management	EQ Risk Assessment, EQ Disaster Reduction, EQ Rehabilitation and Reconstruction, Designing a Road Map, EQ Major Issues
18	END SEMESTER EXAM	