

Course Description:

Upon Successful completion of this course, the student will be able to Understand the basic concepts of disaster management, disaster risk, vulnerability, capacity, disaster risk situation, impacts and evolution of disaster management.

Course outline:

1. **Significance of Disaster Planning and Management**
 - Concept of Planning
 - Concept of Disaster Planning and Management
2. **Disaster Management Cycle**
 - Prevention
 - Mitigation
 - Preparedness
 - Impact
 - Response
 - Recovery
 - Development
3. **Planning Process**
 - Types of Plans
 - Level of Plan
 - National and Provincial Disaster Management Plans
 - Elements at Risk
4. **Legal and Administrative Structure for Disaster Management in Pakistan**
 - National Disaster Management Acts
 - National Disaster management Policies
 - Administrative Structures
5. **Emerging Challenges in Disaster Management**
 - Socio-Culture Challenges
 - Financial Constraints
 - Environmental Challenges

Teaching Methodology

- Lecturing
- Written Assignments
- Documentaries
- Interactive Sessions

Assessment Criteria:

1st Term (25%) Assignments/Quizzes and Presentations

Mid Term (35%) Written (Long Questions, Short Questions, MCQs)

Final Term (40%) Written (Long Questions, Short Questions, MCQs)

Textbooks:

1. BIRKMANN, J. (2006) Measuring Vulnerability to Natural Hazards: Towards Disaster Resilient Societies. Tokyo, United Nations University Press.
2. BURTON, I.; Kates, R.W. and White, G.F. (1993) The Environment as Hazard, The Guildford Press, London, UK.
3. COLLINS, A.E. (2009) Disaster and Development, Routledge, London, UK.
4. CROUHY, Michel; Galai, Dan and Mark, Robert (2005) The Essentials of Risk Management. The McGraw Hill Co., New York, US.
5. DAMON, P. C. (2006) International Disaster Management. Butterworth-Heinemann.
6. DAMON, P. C. (2006) Introduction to International Disaster Management. Butterworth-Heinemann, UK.
7. DILLEY, Max (2005) Natural Disaster Hotspots: A Global Risk Analysis. World Bank and University of Columbia, US.
8. ELLIOT, J.E. (2006) An Introduction to Sustainable Development. Third Edition. Routledge, London UK.
9. HEWITT, K. (1997) Regions of Risk: A Geographical Introduction to Disaster. Harlow, Longman, New York, US.
10. Khan A.N. (2016) Introduction to Hazards and Disasters. Al-Azhar Environmental planning and management, Peshawar
11. LEWIS, J. (1999) Development in Disaster-Prone Places, IT Press, London, UK.
12. Rahman A. 2010. Disaster Risk Management: Flood Perspective. VDM Verlag Publishing Co. Ltd Germany, ISBN 978-3-639-29891-8, 192 Pages.
13. Rahman A., Khan AN., Shaw R. (2015) Disaster Risk Reduction Approaches in Pakistan. Springer Tokyo.
14. Shaw R, Rahman A, Surjan A, Parvin GA. 2016. Urban Disasters and Resilience in Asia. Elsevier, New York.
15. SMITH, Keith and Petley, David N. (2009) Environmental Hazards: Assessing Risk and Reducing Disaster, Routledge. London, UK.