

## MAJOR- VIII

### DM-DSD-241 Disasters and Sustainable Development Cr. H. 3

#### Course Description:

Upon Successful completion of this course, the student will be able to understand the concept of development and sustainable development. acquire knowledge about the synergies between disaster risk reduction and development.

#### Course Outline :

##### 1 Introduction

- Concepts of Development and Sustainable Development
- Conceptual Relationship between Disaster and Development
- Disasters-Challenge for Developing Countries
- The Dilemma of Sustainability

##### 2 Global Developmental Frameworks

- Millennium Development Goals and Hyogo Framework
- Sendai Framework and Sustainable Development Goals
- DRR as a cross-cutting theme in SDGs

##### 3 Mainstreaming DRR in Development

- Inclusion of DRR in development policies
- Inclusion of DRR in all sectors
- Assessing the trade-offs in Investing in Vulnerability Reduction

##### 4 Disaster Risk and National Development

- National Development Plans and DRR
- Development Project Design and Disasters
- Risk appraisal in Development projects design, implementation and Monitoring and Evaluation

#### 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. Kaltenborn, M., Krajewski, M., & Kuhn, H. (Eds.). (2023). Sustainable Development Goals and Human Rights. Springer.
2. Prakash, S., Jiggle, T., & Kumar, S. (Eds.). (2023). Disaster Risk Reduction for Economic Growth and Livelihood: Investing in Resilience and Development. Springer.

3. Seto, K. C., Solecki, W. D., & Griffith, C. A. (2023). *Building Resilient Urban Communities*. Cambridge University Press.
  4. Renaud, F. G., Sudmeier-Rieux, K., & Estrella, M. (Eds.). (2023). *The Role of Ecosystems in Disaster Risk Reduction*. United Nations University Press.
  5. Uitto, J. I., Shaw, R., & Murosaki, Y. (2023). *Climate Change and Disasters: Challenges, Risks and Solutions*. Routledge.
  6. Savelyeva, T. (Ed.). (2023). *Sustainable Development in Disaster Risk Management*. Springer.
  7. Collins, A. (2023). *Disasters and Sustainable Development*. Routledge.
  8. United Nations Development Programme. (2023). *Sustainable Development in the Face of Disaster Risk*. UNDP.
  9. ADAMS, W.M. (2009) *Green Development: Environment and Sustainability in a Developing World*. Routledge: Oxon.
  10. COLLINS, A. E. (2009) *Disaster and development*. Routledge: London.
  11. CUNNY, F. C. (1983) *Disasters and Development*. Oxford University Press: London.
  12. Khan A.N. (2016) *Introduction to Hazards and Disasters*. Al-Azhar Environmental planning and management, Peshawar
  13. MIDDLETON, N. (1998) *Disaster and development: The politics of humanitarian aid*. Pluto Press: London.
  14. PELLING, M. (2003) *Natural Disaster and Development in a Globalizing World*. Routledge: London.
  15. Rahman A. 2010. *Disaster Risk Management: Flood Perspective*. VDM Verlag Publishing Co. Ltd Germany, ISBN 978-3-639-29891-8, 192 Pages.
  16. Rahman A., Khan AN., Shaw R. (2015) *Disaster Risk Reduction Approaches in Pakistan*. Springer Tokyo.
  17. Shaw R, Rahman A, Surjan A, Parvin GA. 2016. *Urban Disasters and Resilience in Asia*. Elsevier, New York.
  18. UN. Department of Humanitarian Affairs. (1996) *Disaster and development*. UN Dept. of Humanitarian Affairs: Geneva.
- UNDP. (2004) *Reducing Disaster Risk: A Challenge for Development: A Global Report*. New York: UNDP.