

Urban Disaster Risk Mitigation and Climate Resilient Development

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About SPA Delhi

The School of Planning and Architecture is an **“Institution of National Importance” Under an Act of Parliament (Ministry of HRD, Govt. of India)**. The School is a specialized University, which exclusively provides training at various levels, in different aspects of human habitat and environment. The School has taken lead in introducing academic programmes in specialized fields both at Bachelor's and Master's level. **Human habitat and environment** being the basic concern of the School, the spectrum of academic programmes is being continuously extended by providing programmes in new fields and emerging areas.

About the course

The course aims to develop a comprehensive understanding of the interface between urban development, disaster risk and climate change, dynamics, variability causal factors and impacts of disasters and climate change and the issues involved therein. The course also focuses on disaster and climate resilient urban development and management and also highlights the disaster and climate risk governance.

About the course instructor

Prof. Dr. Sanjukta Bhaduri is Dean (Research) and Professor of Urban Planning at SPA, New Delhi. She has done Bachelor in Architecture from Jadavpur University (1983), Masters in City Planning from I.I.T Kharagpur (1985) and Ph.D from SPA, New Delhi (2003). She has 33 years of professional, research and teaching experience in the fields of Urban Planning, Environmental Planning; She has worked in SPA, Delhi as faculty for 30 years.

Course Structure

It is an online free MOOC course by SPA Delhi for the duration of 15 weeks. The module structure of the course is:

Week 1: Urbanization

Week 2: Phenomenon of Climate Change

Week 3: Phenomenon of Disaster

Week 4: Impacts of Disasters (World)

Week 5: Impacts of Disasters (India)

Week 6: Impacts of Climate Change

Week 7: Policies and Guidelines Part 1

Week 8: Urban Heat Islands

Week 9: Policies and guidelines for disaster risks

Week 10: Policies and guidelines for Climate change

Week 11: Resilient Development Process

Week 12: Mainstreaming DRR Introduction

Week 13: Mainstreaming DRR Process

Week 14: Strategies for Disaster Risk Reduction and climate change

Week 15: Disaster Response and disaster Risk governance

The course would include weekly quizzes and a course assignment to be submitted along with watching the interactive videos, course reading materials. Students will also get to interact and discuss the various topics with the faculty and among themselves.

Who can join

Any student, academician, professional, working or interested in this subject can participate in the course. Students currently enrolled in a pg course in any institute get credits for this course. The course provides a participation and a course completion certificate in the end of 15 weeks.

ENROLL NOW

The session starts from July 2019.

Visit <https://swayam.gov.in/courses/5764-urban-disaster-risk-mitigation-climate-resilient-development>
Mail to spadmooocs@gmail.com for any queries