

## Concept Note

### Urban Risk Reduction & Resilience for Architects & Town Planners

**Venue:** Gujarat Institute of Disaster Management (GIDM), Gandhinagar

**Date:** 21<sup>st</sup> - 22<sup>nd</sup> May, 2025

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#### Executive Summary

Gujarat Institute of Disaster Management is organising a training program on 'Urban Risk Reduction & Resilience for Architects & Town Planners' on 21<sup>st</sup> - 22<sup>nd</sup> May, 2025. This training program is intended to provide a platform for the urban planning profession and those involved in city development on how to incorporate disaster risk reduction (DRR) and resilience into urban planning decisions and investments to support city governments' resilience and objectives.

This program is targeted for the Architects of Urban Development and Urban Housing Department; Commissioner of Municipal Administration; Municipal Corporations; Area Development Authorities and Urban Development Authorities of the State. The training program has been designed considering the pressing needs on how extreme events have impacted the urban lives, livelihoods and culture. The two-day program will provide new solutions towards the issues of urban heat island, urban flooding and the cascading impact associated with it. The lectures comprises of theoretical components supplemented by the field visit at Institute of Seismological Research and group exercises.

Workshop	Date	Time	Venue
Urban Risk Reduction & Resilience for Architects & Town Planners	21-22 May 2025	10:30 am to 17:30 pm	Seminar Hall Gujarat Institute of Disaster Management, Gandhinagar

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#### Background

More than half of the world's population is now living in urban areas, and the number continues to grow. The rapid increase in urban populations makes it increasingly difficult and challenging for cities and local governments to ensure the safety and well being of their citizens. Rapid urbanisation can lead to unplanned and informal settlements, building in vulnerable locations and leave populations without access to basic public services. These factors increase the cities' and urban populations' vulnerability to the adverse impact of disasters and extreme weather events. Urban hazards are complex and interlinked. Often hazards such as flooding can trigger secondary hazards such as disease outbreaks, which may have even more severe impacts than the primary hazards; therefore, a multi-hazard approach is necessary in urban areas.

Urban Planning has an important role to play in reducing current and future disaster risks and building the resilience of city systems, urban residents, businesses and infrastructure. For cities to be resilient, urban planning and planners need to approach DRR as a cross-cutting issue pertinent to the heart of good urban development, including urban policy, planning, design and investment decisions. (Source: Words into Action, UNDRR)

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## **Session Objectives**

This training aims to provide key points:

1. To understand the urban land use planning concepts in building resilience in the local and global context
  2. To share the recent practices that support land use planning efforts for urban resilience
  3. To understand the common technologies and tools used in urban planning
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## **Date & Time**

- 21<sup>st</sup> - 22<sup>nd</sup> May, 2025 10:30 am to 17:30 pm
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## **Venue**

- Seminar Hall, Gujarat Institute of Disaster Management
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## **Organisers**

- Gujarat Institute of Disaster Management (GIDM)
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## **Format**

- In Person
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## **Expected Participants:**

- Participants (40-50)
  - Architects, Town-Planners and Engineers
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## **Expected Outcomes**

At the end of the training program, the participants would be able to,

- Understand the basics of Disaster Risk Management and Climate Change Adaptation
- Mainstream the components of DRR into the land use and urban planning
- Redesign and update the city master plans considering the effects of climate change and extreme weather events

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