

# Urban Flood Risk Reduction & Resilience

Venue: Seminar Hall, GIDM Campus  
Gujarat Institute of Disaster Management (GIDM), Gandhinagar

**Day 1 || 25th July, 2024 || Thursday**

Time	Topic	Resource Person
10:30 - 11:15	<b>Welcome Session</b> <ul style="list-style-type: none"> <li>- Reporting and Registration</li> <li>- Pre-Test</li> <li>- Introduction to Workshop, etc.</li> </ul>	<b>GIDM</b>
11:15 - 12:15	<b>Session 1: Understanding Basics of DRM</b> <ul style="list-style-type: none"> <li>- Concepts like Hazard, Risk, Vulnerability, Resilience</li> <li>- Legal framework, policies and governance</li> <li>- Introduction to floods and urban floods</li> <li>- Case Study: Gujarat Floods 2017 &amp; Mumbai Flood 2021</li> </ul>	<b>Mr. Shubham Daberao,</b> RAPC, GIDM
12:15 - 13:30	<b>Session 2: Structural and Non-Structural Strategies for Flood Risk Mitigation</b> <ul style="list-style-type: none"> <li>- Issues of floods; Structural &amp; Non-Structural Strategies</li> <li>- Integrated Flood Risk Management</li> <li>- Case Study of Narmada River Basin</li> <li>- Way forward</li> </ul>	<b>Dr. M. B Joshi</b> Consultant, GIDM
<b>13:30 - 14:30</b>	<b>Lunch</b>	
14:30 - 17:00	<b>Session 3: Field Visit - GIFT City</b> <ul style="list-style-type: none"> <li>- Presentation to India's first operation Smart city: Gujarat International Financial-Tech City (GIFT)</li> <li>- To understand the mechanism of managing the state of art infrastructure like: <i>Water Supply and Treatment Plant (WTP); Sewerage and Treatment Plant (STP); Automated Waste Collection System (AWCS); Utility Tunnel</i></li> </ul>	<b>GIFT CITY</b>
	<b>End of Day 1</b>	

## Day 2 || 26th July, 2024 || Friday

Time	Topic	Resource Person
10:30 - 10:45	<b>Recap of Day 1</b>	GIDM
10:45 - 12:00	<b>Session 4: Grey, Blue and Green Infrastructure for Urban Resilience: Experience Sharing of Mansa Nagarpalika</b> <ul style="list-style-type: none"> <li>- Sponge City Concept; Nature based Solutions (NbS)</li> <li>- Issues, Challenges and Way Forward</li> <li>- Case Study and Discussion</li> </ul>	<b>Shri. Satishbhai Patel,</b> Chief Officer, Mansa Nagarpalika
12:00 - 13:00	<b>Session 5: Integration of DRR in Town Planning</b> <ul style="list-style-type: none"> <li>- Issues, current day challenges and opportunities in Gujarat</li> <li>- Integration of DRR measures in master plans, regional plans and zonal plans</li> <li>- Measures to protect urban infrastructure</li> <li>- Case Study</li> </ul>	<b>Shri. R. J. Rawal,</b> Sr Town Planner (Retd.), Chief Town Planning Office
<b>13:00 - 14:00</b>	<b>Lunch</b>	
14:00 - 14:45	<b>Session 6: Disaster Resilience Scorecard for Cities: Climate Resilience Addendum</b> <ul style="list-style-type: none"> <li>- Making Cities Resilient (MCR) 2030</li> <li>- Local Climate Resilience: Differences and Communities of DRR and CCA</li> <li>- Preliminary Scorecard and Other Addendums</li> </ul>	<b>Mr. Sanjaya Bhatia</b> Head, UNDRR GETI & ONEA
14:45 - 16:00	<b>Session 7: Group Exercise</b> <ul style="list-style-type: none"> <li>- Hands on exercise of Disaster Resilience Scorecard for Cities: Climate Resilience Addendum</li> </ul>	<b>Mr. Shubham Daberao,</b> RAPC, GIDM
<b>15:40 - 16:00</b>	<b>Break</b>	
16:00 - 16:30	<b>Closing Session</b> <ul style="list-style-type: none"> <li>- Certificate Distribution</li> <li>- Post Test</li> <li>- Feedback</li> </ul>	<b>GIDM</b>
	<b>End of Day 1</b>	