

## **Concept Note & Schedule for a Virtual Training Programme**

**On**

### **Building Resilience in Coastal Areas of Gujarat**

**Date: 19<sup>th</sup> July 2023**

#### **A. Background:**

Gujarat, a state located on the western coast of India, is known for its vibrant culture, rich history, and significant coastal areas. The state's coastline stretches along the Arabian Sea, making it susceptible to various natural hazards, including cyclones, sea-level rise, and coastal erosion.

The coastal areas of Gujarat face unique challenges due to their vulnerability to these hazards. The impact of climate change and increasing frequency of extreme weather events further exacerbate the risks faced by the communities residing in these regions. It is crucial to develop and implement effective strategies to build resilience and enhance the adaptive capacity of these coastal areas. By building resilience, Gujarat will be able to enhance its capacity to withstand and recover from natural hazards, protect its coastal ecosystems, and ensure the well-being and sustainable development of its coastal communities.

The virtual training program on 'Building Resilience in Coastal Areas of Gujarat' aims to provide participants with a solid understanding of the concept of resilience and its relevance to coastal regions.

#### **B. Objectives:**

1. Increase awareness towards the concept of resilience and its relevance in the coastal areas of Gujarat.
2. Equip participants with the skills to assess coastal vulnerability and risks and develop tailored resilience strategies.
3. Foster collaboration among stakeholders for effective coastal resilience planning and implementation.
4. Promote the integration of nature-based solutions in coastal resilience strategies for sustainable development.

#### **C. Target Audience:**

<b>S. No.</b>	<b>Department</b>	<b>Target Participants</b>
<b>1.</b>	Revenue Department	L2, L3

2.	District Collectorate Offices (Coastal Districts)	
3.	Forest Department	
4.	Climate Change Department	

#### D. Session Plan:

S. No.	Session	Details
1.	Session-1	<ul style="list-style-type: none"> <li>Hazards are not disasters</li> <li>Understanding 'Disaster Risk' through hazards, exposure, vulnerability and capacity components</li> <li>Conceptual framework for disaster risk reduction</li> <li>Disasters are not natural</li> </ul>
2.	Session-2	<ul style="list-style-type: none"> <li>Overview of coastal areas in Gujarat and their vulnerability to various hazards (e.g., cyclones, sea-level rise)</li> <li>Understanding the concept of resilience and its relevance in coastal areas</li> <li>Methods for assessing coastal vulnerability and risks</li> <li>Identifying and analysing hazards specific to Gujarat's coastal areas</li> <li>Mapping vulnerable areas and infrastructure</li> <li>Examples of successful vulnerability assessments</li> </ul>
3.	Session-3	<ul style="list-style-type: none"> <li>Introduction to adaptation and mitigation measures in coastal areas</li> <li>Exploring different strategies for building resilience in Gujarat's coastal areas</li> <li>Integrating nature-based solutions for coastal resilience</li> <li>Engaging local communities and stakeholders in resilience planning</li> <li>Best practices and case studies of successful resilience strategies</li> </ul>

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