Tentative Schedule of Virtual Training Programme

On

Nature-based Solutions for Cyclones in Gujarat

Date: 30th October 2023

Time: 14:30hrs – 16:30hrs

1. PROGRAMME SCHEDULE

Session	Topic	Speakers	Time
-	Opening Remarks and Introduction	GIDM	10 -15 minutes
1.	An Overview of Cyclones in Gujarat	Mr. Ankur Srivastava, ROPM - SDMC	30 minutes
2.	Mangrove Ecosystems for Cyclone Protection	Mr. Ritesh Pokar, Ecologist – Sahjeevan Trust Bhuj	30 minutes
3.	Urban Planning and Green Infrastructure for Cyclone Resilience	Ms. Kavina Mehta, Assistant Manager, GIDB	30 minutes
-	Q&A and Closing Remarks	GIDM	10 – 15 minutes

2. SESSION PLAN

Sr. No.	Session	Details
1.	Session-01 (14:45hrs – 15:15hrs)	• Basic science behind cyclones, basic understanding behind its formation. • Discuss the historical frequency, timing, and patterns of cyclones in Gujarat. • Highlight the different cyclone seasons and their characteristics. • Discuss the measures taken by the government, local authorities, and disaster management agencies to prepare for and respond to cyclones.

		• Explore how cyclones affect coastal communities in terms of infrastructure damage, displacement, and loss of livelihoods.
2.	Session-02 (15:15hrs – 15:45hrs)	• This topic can focus on the importance of mangrove ecosystems in mitigating cyclone-related risks. • Teach about the ecological functions of mangroves, such as acting as natural barriers against storm surges and coastal erosion. • Discuss case studies and successful examples of mangrove restoration projects for cyclone risk reduction. • Explore the challenges and best practices in mangrove conservation and sustainable management.
3.	Session-03 (15:45hrs – 16:15hrs)	• This topic can delve into the role of urban planning and green infrastructure in reducing cyclone risks in urban coastal areas. • Explain the concept of green infrastructure, including the use of parks, green roofs, and permeable surfaces to absorb rainwater and reduce flooding. • Discuss how urban design and zoning regulations can incorporate nature-based solutions to enhance cyclone resilience. • Explore case studies of cities that have successfully integrated green infrastructure into their cyclone preparedness and recovery plans. • These topics provide a deeper understanding of specific nature-based solutions within the broader context of cyclone risk reduction, allowing students to explore practical applications and real-

		world examples.

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