

Residential Training Program on 'Flood Risk Mitigation & Management for NWRWS&K Dept. Newly Recruited Engineers/Officers'

Date: 04-06 December 2023

Venue: GIDM Campus; b/h PDEU, Gandhinagar

PROGRAM NOTE

Background

Gujarat, with its vast flat terrains especially in the lower river basins, frequently grapples with the challenges of floods. Cities such as Ahmedabad, Surat, and Bharuch are particularly vulnerable, being located on expansive alluvial plains. The year 2023 witnessed a notable flooding incident due to the release of flood water from the Sardar Sarovar Dam, on river Narmada, affecting regions like Narmada, Bharuch, and parts of Vadodara, with nearly hundred riverside villages bearing the brunt. The primary factor for this unexpected water discharge was cited as huge discharges released from the upstream Dams and heavy downpour in the intermittent catchment.

Understanding these challenges and learning from the past events, this training program has been specifically tailored for the newly recruited engineers of the Narmada Water Resource, Water Supply, and Kalpsar Department. The aim is not just to make them aware of the magnitude of flood risk in Gujarat but also to clearly define their roles and responsibilities in alleviating such threats.

Objectives of the Workshop

1. Understand the unique flood challenges faced by Gujarat.
2. Discuss effective strategies and the role of infrastructure, especially dams, in flood management.
3. Analyze the role of changing weather patterns in increasing flood risks.
4. Introduce innovative technologies for early flood warnings and real-time monitoring.
5. Introduce participants with the knowledge, tools & modus-operandi available/developed for effective disaster response plans.
6. Share experiences and lessons from past flood events to refine future strategies.

Course pedagogy

This in-person training, designed for recently inducted engineers, will comprise presentations, group exercises, discussions, and field visits, facilitated by seasoned trainers in disaster management.

Targeted participants (3 participants from each Member States)

The workshop is particularly tailored for newly recruited Senior Engineers from Gujarat's Ministries associated with Narmada Water Resource, Water Supply, and Kalpsar Department.

Organizers

The workshop, scheduled from 04–06 December 2023, represents a collaborative effort between GSDMA, GIDM, NWRWS&K Dept. and other expert agencies in this field.

About GIDM

The Gujarat Institute of Disaster Management (GIDM) in Gandhinagar has been at the forefront of numerous capacity-building initiatives. Over its tenure, GIDM has imparted training to a vast number of officials, drawing expertise from specialists across the region.

Date & Venue

The workshop will be organized in the Seminar Hall of GIDM, Gandhinagar. The dates of the workshop are 04 to 06 December, 2023.

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