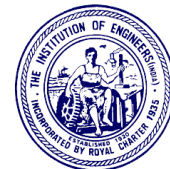




Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



Environment Management Division

Continuing Professional Development Programme on Storm and Flood Risk Management

20 - 23 May 2025



Interactive Sessions | Digital Learning | Assessments | 24/7 Experts Online/Offline Support

Introduction

Storms and floods are increasing worldwide, driven by climate change. In the last decade, these events have caused averaging \$170 billion in annual economic losses globally. In 2023 alone, 398 natural disasters, primarily weather-related, caused \$380 billion in damages globally. Flooding events accounted for \$453 billion in economic losses during that period. India suffered a staggering \$12 billion in economic losses from natural catastrophes, including floods and storms, significantly exceeding the previous 10-year average of \$8 billion. (Ref: various sources like Indian Express, down to earth, statista, IMF e library and other reputable Source). India faces unique challenges due to its diverse geography and population density. Storm and flood risk management involves a proactive, multi-faceted approach to minimize the impact of extreme weather events, including storms and floods, on communities and infrastructure. A training program on storm and flood risk management would equip individuals with the knowledge and skills to understand, assess, and mitigate the risks associated with these events. It would cover various aspects like flood hazard and vulnerability analysis, flood risk assessment, mitigation strategies, preparedness and response planning, and community engagement.

Objectives

- Equip participants with the knowledge and skills to understand, assess, and mitigate storm and flood risks in diverse Indian and globally contexts.
- Develop practical strategies for preparedness, response, and recovery, with a focus on sustainable practices.
- Understanding on collaboration and community engagement to build resilient urban and rural areas.

Course Coverage

- Understanding Storm & Flood Dynamics
- Hazard and Vulnerability Assessment
- Flood Risk Assessment and Management-Mitigation Strategies
- Early Warning Systems and Emergency Response (Preparedness)
- Community Engagement and Resilience Building (Sustainable Recovery)
- Policy and Legal Frameworks
- Practical Applications and Field Exercises.

Methodology

Methodology of the programme includes classroom Sessions by expert faculty, with Lectures/discussions, with audio visual aid; bench - marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive, demanding active participation from all the participants.

(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

Target Participants

Participants from Consulting Engineers, Municipal Engineers, Civil Project Engineers Construction Managers, Engineering Field Managers, Works Engineers, Public Works Directors, City Engineers, Superintendents of Operations, Wastewater System Managers, Safety Inspectors & Procurement Officers, EITs, Technicians & Technologists, Sewer Construction Contractors. This course is for designers who work in the field of design and analysis of Storm water Drainage Systems. It is intended for people who have an understanding of the concepts of storm water and flood risk management system.

Programme Dates, Code & Timings

Dates: 20 - 23 May 2025, (EM 6089) & **Timings:** 10 AM Onwards.

Course Director

Ms. Anita Aggarwal

Faculty & Head I/c. Environment Management Division,
Engineering Staff College of India,
Old Bombay Road, Gachi Bowli, Hyderabad 500 032
Phone: 040 6630 4120, 4122; Fax: 040-66304163
Mob: 08374362306, Email: em@escihyd.org

Faculty/Speaker Details

Apart from the core internal faculty, Experienced Professionals/Faculties/Sector experts will be delivering the lively lecture with practical knowledge & case study.

Course Fee

- **Residential Fee – Rs. 22,000/-** (Rupees Twenty Two Thousand only) per participant. Fee includes course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme. ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation).
- **Non-Residential Fee:** 10% discount on course fee is allowed for non-residential participants
- **Group Incentive:** 10% discount for five or more participants, if sponsored by the same Organization

GST @18% is to be paid extra over and above the training fee. **PAN Card No.** AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA)IE(I) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made by **Electronic Fund Transfer (EFT)** to ESCI – **SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS. IFSC Code No. SBIN 0004159 – MICR No.500002075. PAN Card No AAATT3439Q; GSTIN No. 36AAATT3439Q1ZV.** While using EFT method of payment, please ensure to communicate us your company name, Contact details, our invoice reference and programme title. **Kindly provide your organization GSTIN No. along with your nominations**

Registration

Online registration shall be available on ESCI web portal : www.escihyd.org;

To register manually please send your nominations giving details of name, designation, organization name, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to: **Course Director**, (or) Contact us at: Mr. GNM. Rao (Prog. Manager) – 9866431555.

A Certificate of participation will be awarded to each participant on conclusion of the programme.

Environment Management, Engineering Staff College of India

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