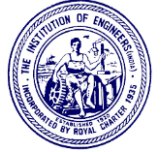




Engineering Staff College of India

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

Management of Urban Wetlands

25-27 September 2024

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

Introduction

Urbanization, economic growth, industrialization, and increasing population, are leading to more and more waste being discharged into wetlands and other water bodies. Wetlands serve beneficial functions in the protection of balance in nature. Wetlands are diverse like ponds, marshes, coral reefs, peat lands, lakes or mangroves. But all these share one fundamental feature, that is, a complex interaction of basic components like soil, water, animals and plants. Wetlands fulfill many functions and provide services and products that have sustained humans over centuries. Anthropogenic activities (urbanization, water and land uses, land cover changes, industrial activity, pollution, climate change, etc.) bear direct and indirect effects on wetlands and have led to disruption of natural hydrological cycles. The degradation and loss of wetlands and their biodiversity imposes major economic and social losses and costs. Managing wetland ecosystems gives a substantial contribution to biodiversity conservation and restoration. Wetland management is one of the challenges faced in urban environments. It requires a multidisciplinary approach which integrates technical, economic, environmental, social and legal aspects of water management.

Objectives

The training programme aims to develop and improve participants' understanding on conservation, restoration and management of wetlands for water and environmental sustainability in urban areas.

Course Coverage

This programme is designed to cover the following topics.

- Urban wetlands: definition, use and services, associated management and environmental issues, importance of integrated lake-basin management, Ramsar Convention on wetlands, urban wetlands in India
- Ecosystem services of wetlands: groundwater recharge, water quality control and pollution abatement, climate resilience including flood control maintenance of biodiversity and livelihood.
- Integrated Management of Wetlands: Principles and guidelines for integrated management, planning including urban master plans, sectoral coordination, wetland governance.
- Programmes and schemes: 1000 wetlands programme, National Mission for Clean Ganga
- Application of GIS to understand, map, monitor urban wetlands and their catchments (hands-on-experience, based on availability)
- Urban lake management: Planning and management of urban wetlands
- Case studies, Group Discussion, Field visits.

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, site visits, debates, role play exercises, group activities, sharing of experiences, etc. All the sessions will be interactive, demanding active participation from the participants.

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

Centre for Promotion of Professional Excellence

Target Participants

The course is suitable for wetland managers, land use planners, policy makers, researchers, NGOs, academicians, students, architects, consultants, and other stakeholders involved in wetlands management. Engineers, managers, national and international consultants, technical experts and sector professionals, decision makers working in government and private sectors can also attend the training.

Programme Dates, Code & Timings

Dates: 25-27 September 2024, (EM 6102), Timings: 10 AM Onwards at ESCI campus, Gachibowli, Hyd.

Course Director

Ms. Anita Aggarwal

Faculty & Head, 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

- **Course Fee (Residential)** – Rs. 16,500/- (Rupees Sixteen Thousand Five Hundred 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 Division, Engineering Staff College of India

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