



Engineering Staff College of India
Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, GachiBowli, Hyderabad, Telangana – 500032, India



Center for Climate Change Division

Continuing Professional Development Program on

Urban Lakes - Restoration & Management

18 – 20 January 2017, ESCI, Hyderabad



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

Introduction

Cities all over the world are experiencing unusual changed flooding conditions with excess and uncertain rains and Indian cities are no exception to this phenomenon. Consequent, one observe warm winters, very hot summer with sustained high temperatures touching and short duration high intensity rainfall resulting in urban flash floods. So that most cities are observing various changes in urban water body (lakes) system with heavy rains, floods, high temperature, water evaporation, humidity...

Restoration and Management of Urban Lakes have become major issues in present days. Lake and reservoir management and restoration technologies have evolved for storing fresh water at some extent. They are providing comprehensive coverage of the chemical, physical, and biological processes of eutrophication and its control.

The Paris climate summit in December last year has made a decision to “Ensure availability and sustainable management of water and sanitation for all” as sixth point in its Sustainable Development Goal (SDG). So, we should consider lakes management and restoration as one of the priority factor in these days.

Objectives

1. Understanding the root causes for present status of urban lakes
2. Knowledge on factors contributing towards pollution of urban lakes.
3. Impact of climate change
4. Equip the participants on scientific, technology interventions and management perspectives on urban lakes restoration and conservation.
5. Enhance the capacity of city managers for a better negotiations with consultancy agencies
6. Enhance the capacity of participants in developing integrated approaches through multidisciplinary strategies



Course Coverage

The proposed workshop focuses on training in designing and planning viable and sustainable strategic planning & implementation towards climate resilient cities growth.

- Historical Perspective – Urban Growth
- Environmental services of urban lakes
- National Guidelines - Urban Lakes Restoration
- Impact of catchment land use changes on lake hydrology
- Physical features of lake .
- Factors contributing towards lake eutrophication
- Impact on lake ecology.
- Assessment of lake water quality. and changed hydrological dynamics.
- Ensuring active participation of community
- Application of integrated technology approaches
- Promoting sustainable lake management practices.
- Policy and Acts.
- Application of Geo-Spatial Technologies
- Opportunities towards resource mobilization and technology transfer
- Best Practices – Case Studies

Methodology

Adapted methodology is interactive and participatory. Lecture sessions will be supported with audio visual systems. Case studies will be placed for debate and facilitates sharing of experiences.

Target Participants

Middle level executives from Urban Lake Authorities and city planners / town planners from municipal corporations, urban development authorities, municipal administration and urban development and municipal water supply, NGOs and any individual interested in the concept can participate. Architects, Faculty and Consultants etc. will find the training useful.

Benefit to Participants

- Understanding relevance and role of urban lakes
- Improved knowledge on assessment of urban lake restoration methodologies.
- Enhanced understanding on urban lake as flood regulating structure.
- knowledge in disaster risk reduction, preparedness, mitigation & adaptation approaches
- improved understanding in ensuring active role of communities.
- Enhanced understanding on integrated technologies .
- Enhanced knowledge on cost effective strategies
- Improved knowledge on approaches towards urban community participation
- Knowledge on resource mobilization and technology validation & transfer.
- Hands on experience in application of various scientific & technological tools.

Course Director

B.V.Subba Rao, Adviser – Center for Climate Change, ESCI

Mr. Rao, an expert in integrated resource management. Member, Climate Reality, associated with several training institutes and organized workshops on Water, Energy and Climate Change. Participated in five UN conferences and 12 international conferences. He has more than 38 years of professional experience both domestic and international. Conducted series of urban environment management systems workshops in association with RUDO [USAID].

Resource Persons

The faculty consists of experts from National Research Institutions, faculty from IIT and other reputed academic institutions and industry besides that from ESCI.

Programme Venue, Dates & Timings

Venue : Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachibowli, Hyderabad-500032, Telangana, India.

Dates : 18 – 20 Jan. 2017

Timings : On the first day Registration will commence at 0900 hrs. On all other days the programme timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

Course Fee

Rs. 16,500/- (Residential) + 15% Service Tax 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 program.

Discounts

- ❖ **Non-Residential Fee** : 10% discount on course fee is allowed for non-residential participants.
- ❖ **Group Discount** : 10% discount for three or more participants, if sponsored by the same organization.

(All discounts are applicable only if the fee is received at ESCI before the commencement of the programme)

Service Tax as applicable (FY 2016-17 @ 15%) is to be paid extra over and above the training fee, as training is also brought under the purview of Service Tax in Finance Bill 2010. **PAN Card No** AAATT3439Q; **Service Tax registration No** AAATT3439QST008. (Under commercial training or coaching services- Clause 65 (105) (ZZC) of Finance act 1994)

Programme fee is to be paid in favour of “IE (I)-Engineering Staff College of India” in the form of demand draft payable at Hyderabad at par cheques payable at any Bank Branches.

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 RTG's/ NIFT/IFSC/ Code No. SBIN 0004159 – MICR No.500002075. **While using EFT/Draft method of payment, kindly forward a covering letter giving details on the name of the participant/s, Title and the programme schedule or our invoice reference for proper accounting.**

Registration

Online registration shall be available on ESCI website : www.escihyd.org

To register manually, please send your nominations giving details of name, designation, contact address, email ID, mobiles no, telephone and fax number of the participants / organizations along with the details of mode of payment of fee and addressed to :

B. Govardhan
Program Manager
Center for Climate Change,
Engineering Staff College of India,
Old Bombay Road, Gachi Bowli,
Hyderabad, Telangana – 500032,

Mobile : 09948269193 / Land Line : 040 – 66304155 (Direct),

EPABX : 040 – 66304100 / 23000465, Fax- 040 – 66304103 & 23000336,

Email : ccc@escihyd.org

Registration Last Date : 12 January, 2017

Certificate

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

General Instructions

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 hrs) and one day after conclusion (Check-out 1200 hrs) of the program duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well-developed Information Centre and Internet facilities are available to the participants.

