BROAD OBJECTIVES

We get a lot of rain, yet we do not have water. Why?, because we have not reflected enough on the value of the raindrop. The annual rainfall over India is computed to be 1,170 mm. This is higher compared to the global average of 800 mm. However, this rainfall occurs during short spells of high intensity. Because of such intensities and short duration of heavy rain, most of the rain falling on the surface tends to flow away rapidly, leaving very little for the recharge of groundwater. This makes most parts of India experience lack of water even for domestic uses. This is because the rainwater is not conserved and allowed to drain away. Thus it does not matter how much rain we get, if we don’t capture or harvest it. This highlights the need to implement measures to ensure that the rain falling over a region is tapped as fully as possible through water harvesting, either by recharging it into the groundwater aquifers or storing it for direct use. The basic goal of the proposed short-term course is to deliberate on various aspects of Rain Water Harvesting and Sustainable Water Management issues.

COURSE CONTENTS

The short-term course aims to include the following themes with particular emphasis to Rainwater harvesting & sustainable water management:

- Overview of Rainwater harvesting (RWH) & Sustainable water Management (SWM)
- Hydrological aspects of RWH
- Groundwater & Hydrogeology
- Technology of RWH; RWH for rural & urban areas
- RWH Case studies
- Sustainable water management
- Water Reuse & Recycling

Training includes expert lectures by various experts in the field including Professors from IIT, Field Practitioners, NGOs and other Experts.

WHO MAY BENEFIT

Officers, Engineers, NGO’s, Consultants and Scientists working in water/ environmental/ administration/ policy areas, Research Organizations, Govt. Engineering Departments, Consulting companies, and self-employed practitioners engaged in the climate/ water/ environmental management would benefit from the proposed program. As participants are expected from all over India, this course would provide an excellent opportunity for the participants to interact with one another and discuss problems and solutions of mutual interest. At the end of the workshop the participants may be in a position to identify and select appropriate problem and methodologies for their specific conditions.

The participants who complete the course will get Certificates from the Continuing Education Programme of IIT Bombay.

VENUE FOR CLASSES

Classes will be held in Seminar Hall, Dept. of Civil Engineering, IIT Bombay.

LECTURE NOTES

To fully realize the objectives of the course, the lecture notes/ slides will be made available at the time of registration at IIT Bombay.

FACULTY

The teaching faculty constitutes experts from various engineering disciplines of IIT Bombay, NGOs, Filed Experts & Consultants.

DATE & TIME OF REGISTRATION

4 March 2017, 9.00 AM at Seminar Hall, Department of Civil Engineering, IIT Bombay.

ACCOMMODATION

Accommodation is available in the Institute Guest house/ Hostels for a limited number of participants on payment as per actual and with advance request.

Deadline for submitting application: 18 February, 2017

Notification of acceptance: 22 February, 2017

- Incomplete application forms will not be entertained
- For additional copies of the registration form, please xerox or type in the format given
COURSE FEE

The fee for the two-day course is for public/ faculty/ NGO etc.: Rs. 6,000/- + (15% service Tax) = Rs.6,900/- per participant.

For students with valid I-card and authorization letter from Head of Institute: Rs. 3,000/- +(15% service Tax) = Rs.3,450/- per participant.

The course fee includes course material, working lunch and coffee/tea.

The demand draft may be drawn in favour of "The Registrar, IIT Bombay -CEP Account". For on-line payments, please click here for Bank Details. No income tax is to be deducted at source from the course fee, as IIT Bombay is exempt from the same.

Completed Registration form should be sent to Course Coordinator:

Prof. Eldho T.I.,
Department of Civil Engineering,
Indian Institute of Technology, Bombay,
Powai, Mumbai – 400 076.
Phone: (022) – 25767339
Fax: (022) –25767302 / 25723480
Email: eldho@civil.iitb.ac.in

For further details, please visit: http://www.iitb.ac.in/~cep/
NAME (BLOCK LETTERS): _______________________________________________

___________________________________________________

Gender: M / F

DESIGNATION: _______________________________________________________

ORGANIZATION: _______________________________________________________

MAILING ADDRESS: ____________________________________________________

______________________________________________________________________

______________________________________________________________________

TELEPHONE: ____________________ (O) ________________________ (R)

FAX: ____________________________ MOBILE: __________________________

EMAIL: __________________________

QUALIFICATIONS: _______ EXPERIENCE: ______ Yrs.

IIT Guest House accommodation required?* YES / NO

PAYMENT: D.D. No.: Dt. Rs.

[Demand draft should be drawn in favour of "Registrar, IIT Bombay (CEP A/c)"]

Date: Signature of Applicant

*Guest House bill to be paid directly by participant.

On-line Payment Transaction Details

Kindly arrange to provide the following transaction details, if the course fee is paid on-line:

1. Name of the Course Participant
2. Transaction No.
3. Date of Transaction
4. Amount
5. Bank & Branch Name from where transfer is done

Please email the above details to: cep@iitb.ac.in

(PHOTOCOPY ADDITIONAL COPIES OF THIS FORM, IF NEEDED)