HYDROGRAPHIC SURVEY TECHNIQUES FOR SEDIMENT ASSESSMENT

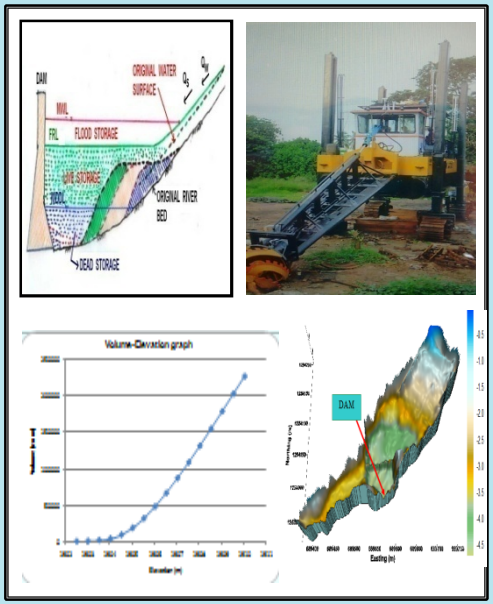
About CWPRS

Central Water and Power Research Station (CWPRS), Pune as it is known today was established in 1916 is a premier National Institute offering a wide range of R&D services related to hydraulics and allied areas for providing research inputs for the design and development of projects in water recourses, river engineering, port sector and coastal developments. Today, CWPRS is a multi-disciplinary research organization with no parallels in India. With its recognition in 1971 as the Regional Laboratory for ESCAP, the institutions playing a greater role in rendering technical advice and guidance to a number of developing countries. The activities of CWPRS encompass the studies undertaken in the following seven major disciplines:

- River Engineering
- River and Reservoir System Modeling
- Reservoir and Appurtenant Structures
- Coastal and Offshore Engineering
- Foundation and Structures
- Applied Earth Sciences
- Instrumentation, Calibration and Testing Services

Training course
on
HYDROGRAPHIC SURVEY TECHNIQUES FOR SEDIMENT ASSESSMENT

SEPTEMBER 12th -14th , 2017



Organized by

Central Water and Power Research Station
Khadakwasla, Pune-411024

Objectives :

The objective of the course is to disseminate knowledge related to latest and efficient hydrographic survey techniques for the assessment of reservoir sedimentation, its capacity & corrective measurement taken for data analysis. The present short course is being organized to share the field experiences with site engineers, research scientists and academicians and to discuss various problems faced due to sedimentation survey and related issues.

Technical details :

The course will consist of lectures by experts having long research and professional experience in the area of bathymetry survey and sedimentation Unique case studies carried out by CWPRS in Indian Reservoirs will be discussed and a visit to various laboratories and important models at CWPRS will also be organized. A demonstration on the survey equipments is also arranged at Khadakwasla lake near CWPRS for hands on experience to all participants.

Other topics which would be covered are RTK-GPS, Echosounder (Single & Multi beam), Total Station, Dredging technique, Data Processing, Impedance survey methods etc. Hands on analysis on Contour plot using Google earth, Assessment of reservoir sediment and its capacity using Surfer, Navisoft, Hypack, Autocad will be discussed.

Venue and Date :

The course will be held between 1000 and 1700 hours during 12-14 September, 2017 at Central Water and Power Research Station (CWPRS), Khadakwasla, Pune-411024.

Participation :

The proposed course is expected to be useful and of interest to the practicing engineers, research scientists, consultants and academicians involved in studies/ related to river engineering problems. Students studying river engineering may also find it interesting.

Registration :

The registration fee for this course is Rs. 6000/- only. (Concessional fees for student participants is Rs. 3000/-.). The payment is to be made through Demand Draft in favour of Director, CWPRS, Pune-411024 Payable at State Bank of India, Pune-411001, (Treasury Branch Code No.1904). The payment also can be made at the venue on the day of registration of the training course. In case of spot payment prior intimation is required to be sent through mail/fax. All correspondence should be made to the email addresses given below.

Accommodation :

Limited accommodation at nominal cost will be provided at CWPRS guest house on first come first serve basis. The participants are requested to arrange own transport facility from Airport/Railway station/Bus stand to CWPRS and back.

Coordinator :

Shri M.K. Pawar, Scientist-D
Phone : 020 – 24103274
Email : mkpawar8@gmail.com
Fax : 020 – 24381004
Website :www.cwprs.gov.in

Co- coordinator :

Shri M. Selva Balan, Scientist-D
Phone: 020-24103477
Mobile: 9422530452
Email: cccwprs2016@gmail.com
cwprsinst@gmail.com

Training Course
on

HYDROGRAPHIC SURVEY TECHNIQUES FOR SEDIMENT ASSESSMENT

September 12th -14th , 2017

Registration Form

Name : _____

Designation : _____

Organization : _____

Mailing Address : _____

_____

Tel: _____ Off_____

Res:_____

Fax:_____

E-mail : _____

Enclosed please find DD.

No._____

Dated_____for Rs._____drawn on

_____towards registration fee.

Signature