



No.A-33039/5/2012-NWA(IT)/2701-2832

Dated: 25.06.2012

To:
The Chief Engineer, Dam Safety Organisation
Central Water Commission
Room No. 612 (S)
Sewa Bhawan, R K Puram
New Delhi
110606

Sub:- Training program on "**Coastal Erosion Protection & Integrated Coastal Zone Management**" at National Water Academy, Pune during 24-28 Sept. 2012 - Call for nominations

Sir,

National Water Academy is organizing a training program on "**Coastal Erosion Protection & Integrated Coastal Zone Management**" during 24 - 28 Sept. 2012, encompassing the following salient details. Brochure for the program is enclosed.

Title **Coastal Erosion Protection & Integrated Coastal Zone Management**

Brief Content

- Introduction to coastal Engineering
- Coastal Erosion and Protection - Planning & Project Formulation Aspects
- Wave Hydrodynamics
- Wave forces on coastal structures, sediments transport concepts
- Shore protection measures - types, design principles
- Coastal Erosion and Mitigation - Physical Modelling
- Coastal Morphology and Shoreline evolution.
- Data Collection and design wave prediction for coastal protection works
- Remote Sensing & GIS Application in Coastal Process
- Design of coastal protection works and innovative trend in coastal protection measures, guidelines
- ICZM, ICARM
- Case study on Geosynthetics in Antisea Erosion Structures -

Duration 24 - 28 Sept. 2012

Participants' profile Graduate Engineers in the rank of Suptdg Engineer/Director, Executive Engineer/Dy Director and Asstt. Executive Engineer/Asstt. Director and professionals.

It is requested that Nominations of the officers of the profile indicated above may please be sent so as to reach NWA latest by **14th Sept. 2012**. Complete details, (address, e-mail ID, telephone/mobile no., fax no.) of the nominated officer(s) and the controlling officers may please be provided while sending the nominations. The accepted nominations would be posted on our web site under the link "Upcoming events" by **18th Sept 2012**.

Encl: Brochure

Yours faithfully,

Dr R N Sankhua

Director & Course Coordinator
020 24380144

Training for Excellence

Khadakwasla, Pune -Sinhgad Road, Pune-411 024

Tel : 020-24380678, 24380224, 24381212, 24380528, EPABX No. 24380392, 24381517 FAX : 020-24380110

Web : <http://nwa.mah.nic.in> E-mail : nwa@mah.nic.in ; r_sankhua@yahoo.com



6/7
Dr R N Sankhua
Director & Course Coordinator
FE & SA (MD)

Please upload
on 10/11/12
AD-II Sharma



भारत सरकार
केन्द्रीय जल आयोग
राष्ट्रीय जल अकादमी

खडकवासला

पुणे - सिंहाड रोड

पुणे - ४११ ०२४

दिना : 25.06.2012

No: A-33039/5/2012-NWA(IT)/

प्रति

सुचि अनुसार

विषय: राष्ट्रीय जल अकादमी, पुणे में "Coastal Erosion Protection & ICZM" (२४ - २८ Sept. २०१२) विषय पर प्रशिक्षण कार्यक्रम का आयोजन।

महोदय/ महोदया,

राष्ट्रीय जल अकादमी में २४ -२८ Sept. २०१२ के दौरान "Coastal Erosion Protection & ICZM" विषय पर प्रशिक्षण कार्यक्रम का आयोजन किया जा रहा है। इस कार्यक्रम संबंधी प्रमुख बिन्दुएँ पृष्ठांकित (overleaf) है। विस्तृत ब्योरा सहित कार्यक्रम विवरणिका (Programme Brochure) भी संलग्न है।

अनुरोध है कि संलग्नक में दिए गए स्तर के अधिकारियों को इस कार्यक्रम से लाभ उठाने हेतु यथा शीघ्र नामित करने का कष्ट करें। केन्द्रीय एवं राज्य सरकारों के विभागों के अधिकारियों के लिए इस प्रशिक्षण कार्यक्रम में भाग लेने हेतु कोई भी प्रोग्राम शुल्क नहीं है।

भवदीय,

संलग्न: यथोपरि

डॉ. आर. एन. सांखुआ

निदेशक एवं कार्यक्रम संयोजक

INTRODUCTION AND OBJECTIVES

The types of coastal change most threatening to human use and enjoyment of the coastal zone are erosion and deposition of sediment, deterioration in coastal ecosystems, and pollution of coastal land and waters. It is becoming increasingly apparent that successful management of these coastal problems must be integrated - that is, all aspects of multiple problems must be addressed, and the problems themselves must be seen in a wider context of other linked environments. Development of coastal protection, construction of flood protection structures e.g. dwelling mounds, dykes and dyke openings, and sustainable development of the coastal stretches and marine environment through sustainable engineering measures are of paramount importance to be addressed. Coastal Zone Management practices based on sound scientific principles taking into account the vulnerability of the coast to natural hazards, sustainable livelihood security for local communities, and conservation of ecologically and culturally significant coastal resources also play vital role for the management of coastal stretches.

This program is conceived to impart training on different aspects of the aforesaid topics. The purpose is not only to create awareness about coastal engineering, but also to utilize the latest technical know-how for the coastal zone management through a series of expert deliberations.

PROGRAM CONTENTS

Main components of the program are:

- ❖ Introduction to coastal erosion concepts
- ❖ Coastal Erosion & Protection – Planning & Project Formulation Aspects
- ❖ Wave Hydrodynamics
- ❖ Wave forces on coastal structures, sediments transport concepts
- ❖ Shore protection measures – types, design principles
- ❖ Coastal Erosion and Mitigation – Physical Modelling
- ❖ Coastal Morphology and Shoreline evolution
- ❖ Data Collection and design wave prediction for coastal protection works
- ❖ Remote Sensing & GIS Application in Coastal engineering
- ❖ Design of coastal protection works and innovative measures
- ❖ ICZM, ICARM, ICRZ

PROGRAM FEE

Program fee is as follows per person for 05 days training:

A	Central/State Government/Department including their autonomous bodies	Nil
B	PSUs/SPVs of State governments which are Not-for-profit organizations/ authorities/ bodies of state governments, even if they have "Corporation" or "Limited" in their name, <i>only if they certify</i> that they are "not for profit" organizations.	Nil

C	Recognized academic institutions, NGOs	₹ 1,500
D	PSUs of MoWR, Govt of India	₹ 5,000
E	Central and State PSUs (other than Category B & D)	₹ 10,000
F	Private Companies, Individuals	₹ 15,000

DURATION

24 – 28 Sept. 2012

VENUE

National Water Academy, Khadakwasla, Sinhagad Road, Pune-411 024.
(for more info on NWA, visit <http://nwa.mah.nic.in>)

TARGET GROUP

Graduate Engineers and professionals in the ranks of Assistant Engineer / Asstt. Director/Dy Director/Executive Engineer/Supdtg Engineer/ Director.
Total number of participants is limited to 25.

PARTICIPATION

The nomination of the officers fitting the target profile may be sent to the Program Coordinator latest by **14th Sept. 2012**. The accepted nominations would be posted on our web site (<http://nwa.mah.nic.in>) under the link "Upcoming Events, by **18th Sept. 2012**."

LOCAL HOSPITALITY

NWA has a self-contained residential campus, and all out-station participants would be provided with lodging and boarding at nominal rates. Airport/Railway station pickup/drop will have to be arranged by the participants. The expenses will be borne by participants.

WEATHER

During the month of Sept., normally weather is pleasant and the average temperature may vary from 25°C to 30°C.

CONTACT

For sending nominations or for any information with regard to this Program, please contact:

Dr. R N Sankhua

Director & Program Coordinator
National Water Academy, CWC,
Khadakwasla, Sinhagad Road,
Pune – 411 024
Tel: 020 - 24380144, Fax: 020-24380110
e-mail: r_sankhua@yahoo.com
Website: <http://nwa.mah.nic.in>

NATIONAL WATER ACADEMY, PUNE

Training Program on

"Coastal Erosion Protection and ICZM"

(24 - 28 Sept. 2012)

REGISTRATION FORM

Name (in capitals): _____

Designation: _____

Organization: _____

Responsibilities (in brief): _____

Full Postal Address: _____

Tel Nos. (with STD Code) : _____

Fax No: _____ Mobile : _____

E-mail: _____

Program Fee: D.D.No., date & Name of the Bank: _____

Date _____ (Signature of the participant)

SPONSORING AUTHORITY

Full Postal Address: _____

Tel Nos. (with STD Code) : _____

Fax No: _____ Mobile : _____

E-mail: _____

Date _____ (Signature and Seal)

*Completed Registration Form may be sent by
Fax to: 020-24380110*



**GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES
CENTRAL WATER COMMISSION**

Training Program on

"Coastal Erosion Protection and ICZM"

(24 - 28 Sept. 2012)



केन्द्रीय जल आयोग
CENTRAL WATER COMMISSION

**Organized by
NATIONAL WATER ACADEMY
PUNE**