संख्या: 5/56/2019-प्रशिक्षण/2584-2689

दिनांक: 03 .07.2019

विषय: Three-days Training Course on MIKE HYDRO RIVER scheduled at DHI India, New Delhi during 17-19 July, 2019-reg.

कृपया उपरोक्त विषय से संबंधित पत्र / विवरणिका की प्रति संलग्न पायें । अनुरोध है कि यदि कोई नामांकन हो तो दिनांक **09/07/2019** तक निश्चित रूप से सदस्य / मुख्य अभियंता मा. स. प्र. (मा. सं. प्र. से सम्बंधित)/ मुख्य अभियंता रा. ज. अ. से सम्बंधित अनुमोदन के पश्चात् भेजने की कृपा करें। साथ में नामित अधिकारियों के जीवन वृत (uploaded and downloaded from CWC website) भी संलग्न करें, जिसमें उनके द्वारा अब तक के सेवा काल के दौरान भाग लिए गए विभिन्न कार्यक्रमों का ब्यौरा दर्शाया गया हो।
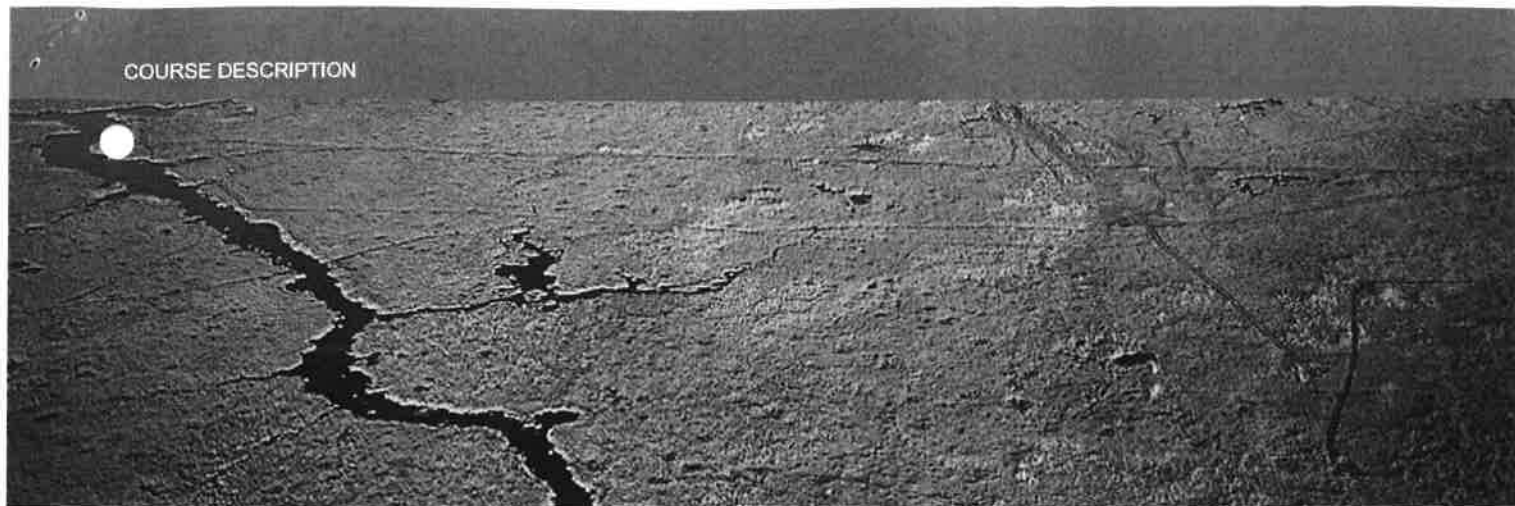
यह भी सूचित किया जाता है कि नामित अधिकारी के नामांकन पर दर्शायी गई तिथि के उपरान्त प्राप्त होने पर विचार नहीं किया जायेगा साथ ही अध्यक्ष की स्वीकृत होने के पश्चात् नाम वापस लेने की अनुमति नहीं दी जाएगी।

संलग्नक :- यथावत

(एस .के. सिन्हा)
निदेशक (प्रशिक्षण)

1. अध्यक्ष, केन्द्रीय जल आयोग के निजी सचिव, नई दिल्ली।
2. सदस्य, जल आयोजन एवं परियोजना / अभिकल्प एंव अनुसंधान / नदी प्रबंध के निजी सचिव, केन्द्रीय जल आयोग, नई दिल्ली।
3. सभी मुख्य अभियंता, केन्द्रीय जल आयोग।
4. निदेशक समन्वय, जल आयोजन एवं परियोजना / अभिकल्प एवं अनुसंधान / नदी प्रबंध, केन्द्रीय जल आयोग, नई दिल्ली।
5. सचिव/निदेशक (तकनीकी समन्वय) केन्द्रीय जल आयोग, नई दिल्ली।
6. सभी निदेशक/ अधीक्षण अभियंता, केन्द्रीय जल आयोग, नई दिल्ली।
7. कनिष्ठ अभियंता, प्रशिक्षण निदेशालय, कृप्या परिपत्र को केन्द्रीय जल आयोग की वेब साइट पर अपलोड करें।

MIKE HYDRO RIVER
Introduction to river and channel modelling

This three-day, hands-on course gives you an introduction to MIKE HYDRO River and its capabilities for modelling of river systems. The aim is to enable you to create, edit and run basic river models and to analyse and present the simulation results.

MIKE HYDRO River is our new generation river modelling system and the successor to MIKE 11 - one of the most commonly applied 1D river modelling packages throughout the world. MIKE HYDRO River is a highly efficient modelling tool for the detailed design, management and operation of both simple and complex river and channel systems.

MIKE HYDRO River is used in a wide range of river related application areas such as flooding, flood forecasting and flood management, water quality, dam break analysis, structure operations, salinity intrusion and sediment transport in rivers, canals, wetlands and other water bodies. The wide range of add-on modules allows you to build your own personal river modelling tool box.

COURSE TOPICS
- Introduction to MIKE HYDRO (River module and other add-ons)
- Introduction and theoretical background to 1D hydrodynamic river modelling
- Understanding data requirements for optimal model set up and application
- The MIKE Zero Project Explorer
- Building river models in MIKE HYDRO River
- Running simulations
- Understanding and presenting simulation results
- Introduction to modelling of basic hydraulic structures
- Model stability and calibration
- Hands-on exercises

TARGET GROUP AND PREREQUISITES

Professionals who are interested in obtaining a general understanding of river modelling with MIKE HYDRO River and learn about its capabilities to set up and run river models. Additionally, existing MIKE 11 users who would like an introduction to MIKE HYDRO River - the successor to MIKE 11.

This course or corresponding knowledge is required in order to participate in our other courses 'MIKE HYDRO River - Advanced hydrodynamic modelling', 'MIKE FLOOD - River flood modelling', 'MIKE FLOOD - Integrated pipes, channels and surface modelling' and 'Flood modelling with Flexible Mesh (FM) - Take your flood modelling a step further'.

DATE AND TIME
17-19 July, 2019
Course starts at 09:30 and finishes at 17:30.

LOCATION AND VENUE
DHI (India) Water & Environment Pvt Ltd
206, Ground Floor, Phase-III, Okhla Industrial Estate, New Delhi-110020

FEES AND DISCOUNTS
Standard price: INR 13500
Discounts:

- 10% for early bird registration before 10 July 2019
- 50% for students
- Multiple participants from an organisation are eligible for specific discounts

GST @ 18% extra

THIS IS INCLUDED
- Training material
- Lunch and refreshments
- Training Certificate

THIS IS NOT INCLUDED
- Participants are expected to bring their own laptops with required specifications
- Accommodation for participants

LANGUAGE
Lectures and training material are in English.

REGISTRATION AND CONTACT
Deadline for registration is 15th July 2019. A minimum of trainees is required for the course to proceed. DHI reserves the right to reschedule the training course up to 1 week prior to the course date scheduled.

Ankita Biswas
+11 47034533 Telephone
anbi@dhigroup.com

RELATED COURSES

- MIKE HYDRO River - Advanced hydrodynamic modelling
- MIKE FLOOD - River flood modelling
- MIKE FLOOD - Integrated pipes, channels and surface modelling
- MIKE HYDRO RR - Rainfall - Runoff modelling
- MIKE SHE - Integrated catchment modelling
- WATER RESOURCES AND CLIMATE CHANGE - Impact and adaptation studies
- INTEGRATED WATER RESOURCES MANAGEMENT (IWRM) - A policy framework for the application of planning and management tools
- INTEGRATED CATCHMENT MANAGEMENT - Hydrology, management and decision making in a catchment with competing uses
- REMOTE SENSING - Get the full picture using satellite images!
- FLOOD FORECASTING AND EARLY WARNING - Introduction to real-time forecasting systems using MIKE OPERATIONS
- FLOOD FORECASTING AND EARLY WARNING - Configuring real-time forecasting systems using MIKE OPERATIONS
- WATER RESOURCES INFORMATION MANAGEMENT - Introduction to Information Management using MIKE OPERATIONS

Visit our courses & events calendar for more courses:

www.theacademybydhi.com/courses-and-events-calendar

INSTRUCTOR

Dr. Sachin Dhiman

Dr. Sachin is a Flood Forecasting and Warning Specialist in DHI-INDIA, Born in 1988 in Dharamshala, Himachal Pradesh. He was previously Assistant Professor at NIST Berhampur for 1 year. He has doctoral degree in Water Resources Engineering from NIT Rourkela and expertise in Dam Break Analysis, Flood Inundation Mapping, Preparation of Emergency Action Plan, Flood Forecasting, and Reservoir Operations. He has experience of handling different MIKE software's such as MIKE HYDRO RIVER, MIKE ST, MIKE FLOOD. He is currently working on developing Real time Flood Forecasting model for Brahmaputra project by ADB and FREMAA.

Phd in Water Resources Engineering, NIT Rourkela

THE ACADEMY BY DHI

THE ACADEMY offers a palette of courses and capacity building packages designed to fit your needs and challenges. We offer standard and/or tailored training - face-2-face as well as online.

MIKE Powered by DHI courses focus on practical skills, hands-on exercises and teaching you how to get the most out of your software. These courses also enable you to understand the power of the MIKE tools for building decision support systems.

Thematic courses allow you to apply concepts, applications and decision support principles to the entire business process within current areas: aquaculture and agriculture, energy, climate change, flooding, coast and marine, surface and groundwater, urban water, industry, environment and ecosystems, product safety and environmental risk, etc.

Our trainers are experienced professionals, many of whom are recognised international experts in their fields. The use of highly skilled trainers guarantees the quality of THE ACADEMY courses.

Learn more about THE ACADEMY on www.theacademybydhi.com

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The expert in **WATER ENVIRONMENTS**

DHI

Subject: **MIKE HYDRO RIVER training from 17-19 July 2019 at DHI India Delhi office**   Date: 02/07/19 02:48 PM
To: "trngdte@nic.in" <trngdte@nic.in>   From: Ankita Biswas <anbi@dhigroup.com>

image001.png (26kB)   image002.png (7kB)   IN_2019_CourseDescription_MIKEHYDRORiver_RiverAndC... (1.6MB)

Dear sir,

Greetings from DHI India!

This is inform that, we re-scheduled 3 days MIKE HYDRO RIVER training from 17-19 July 2019 at DHI India Delhi office. Please participate or nominate at the earliest.
And find attached flyer for your kind perusal.

COURSE TOPICS

-
- Introduction to MIKE HYDRO (River module and other add-ons)
- Introduction and theoretical background to 1D hydrodynamic river modelling
- Understanding data requirements for optimal model set up and application
- The MIKE Zero Project Explorer
- Building river models in MIKE HYDRO River
- Running simulations
- Understanding and presenting simulation results
- Introduction to modelling of basic hydraulic structures
- Model stability and calibration
- Hands-on exercises

Delegate Registration Charges:
Standard Fee: INR 13,500
  *18% GST applicable
We providing special discount to CWC INR 10,000 plus 18% GST per participants.

Note:
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- **Its mandatory to Share GST Certificate before making payment**
- Participants are expected to bring their own laptops with required specifications

System requirements

The recommended minimum system requirements are:

Operating systems	Fully supported operating systems * Windows 7 Professional Service Pack 1 (64 bit), Windows 10 Pro (64 bit), Windows Server 2012 R2 Standard (64 bit) and Windows Server 2016 Standard (64 bit).
Processor	x86 or x64, 2.2 GHz (or higher)
Memory (RAM)	4 GB (or higher)
Hard disk	100 GB (or higher)
Monitor	SVGA, resolution 1024x768 in 16-bit color
Graphics adapter	64 MB RAM (256 MB RAM or higher recommended), 24-bit true color
File system	NTFS
Software requirements	Microsoft .NET Framework 4.5.1 or later

Venue Details :
DHI (India) Water & Environment Pvt Ltd
206, Ground Floor, Okhla Industrial Estate

Phase-III, New Delhi- 110020, India

Timing: 9:30am – 5:30pm