



INTERNATIONAL CENTRE FOR HYDROPOWER

Hydro Lab

IN COOPERATION WITH NTNU, NORWAY



SEDIMENT WORKSHOP 2024

With Focus on

“Sediment Management in Reservoir and
Peaking Reservoir Hydropower Projects”

20 – 26 October 2024, Kathmandu, Nepal

BACKGROUND

The International Centre for Hydropower (ICH), Norway and Hydro Lab, Nepal proudly invite you to an international workshop on “Sediment Management in Reservoir and Peaking Reservoir Hydropower Projects” to be held in Nepal. This workshop will offer lectures on relevant topics, laboratory demonstrations and field excursions. The workshop will create awareness and disseminate knowledge on reservoir sedimentation and successful sediment management strategies. Senior professionals with national and international experience on sediment management in Hydropower Projects, will share their knowledge and experiences through lectures, field visits and laboratory demonstrations. The aim of the workshop is to create a learning platform so that the participants will gain more knowledge on addressing the issues of sediment management from planning and design to operation of reservoir types of hydropower projects.



TARGET GROUP

The main target group is experienced professionals in hydropower planning, design and operation from the Himalayan Region. Candidates should have a minimum of B. Sc. or BE degree in civil/hydraulic engineering or have a relevant background in the fundamental engineering aspects of hydropower systems and have related job experience.



TIME AND VENUE

The workshop will start on Monday, 21 October and end on Friday, 25 October 2024 in Kathmandu, Nepal. Participants are expected to arrive in Kathmandu on Sunday, 20 October and depart on Saturday, 26 October 2024.

Foreign and Nepali participants who need accommodation in Kathmandu will be accommodated at a hotel for the lectures. A technical excursion will be arranged for the workshop participants to some of the power plants outside Kathmandu valley to get familiarized with the challenges caused by sediments. Demonstrations of physical hydraulic models and relevant laboratory experiments for acquiring practical knowledge on sediment management will be presented during the workshop. The model demonstration and exercises on the experimental part of the workshop will take place at Hydro Lab in Kathmandu. The final workshop programme and practical information will be forwarded to the selected applicants by 04 October 2024.



ADMISSION CONDITIONS

A major portion of the workshop expenses is sponsored by the Norwegian Agency for Development Cooperation (NORAD). However, the participant or their institution shall have to bear a nominal registration fee of USD 250 per person for participants from developing countries abroad and NPR 20,000 for Nepalese participants. If seats are available, participants from other countries may also be considered for the workshop by paying a registration fee of USD 1,200. The fees include accommodation, all meals, transportation for field trips, a social Programme and documentation. The participants shall be responsible for arranging their travel to and from Kathmandu, Nepal. Selected participants shall have to pay the corresponding registration fee before 10 September 2024.



APPLICATION

The number of participants will be limited to 25. Application deadline is set to 21 June 2024. Interested participants are requested to visit the website of International Centre for Hydropower (ICH), Norway, where the online application is available (at www.ich.no). In case of difficulties registering the online application, please contact Mr. Yogesh Khadka, Sr. Manager, Laboratory & Business Development, Hydro Lab, at the address given below. Selected participants will be notified within 05 July 2024.

Please note: While the aforementioned registration fee is already subsidised, we want to emphasize that there will be no further sponsorship available. Hence, you are requested not to select for sponsorship in the online application form.

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PRELIMINARY PROGRAMME

The tentative program schedule is presented below.

Date/Day	Time	Activity
20 October 2024, Sunday	-	Arrival and registration
21 October 2024, Monday	09:00 - 17:00	Programme opening and Lectures
22 October 2024, Tuesday	09:00 - 12:00	• Half day lecture
	13:00 - 19:00	• Travel outside Kathmandu after lunch for technical excursion
23 October 2024, Wednesday	08:00 - 18:00	Technical excursion to one of the PRoR hydropower Plant in operation
24 October 2024, Thursday	08:00 - 18:00	Travel back to Kathmandu from field excursion
25 October 2024, Friday	09:00 - 20:30	• Half day lecture at Hydro Lab • Model demonstration and laboratory visit • Certificate distribution and programme closing
26 October 2024, Saturday	-	Departure from Kathmandu



ABOUT THE ORGANISERS

The International Centre for Hydropower (ICH), Norway is an international capacity building organisation focused on providing the transfer of knowledge through organising training programs in the form of short term workshops and seminars designed to develop competencies for the energy sector and promote the sustainable development of hydropower resources. ICH is a non-profit organisation based on institutional membership. ICH develops and effectuates its programs independently and in partnership with other organisations.

Hydro Lab is a well-equipped independent hydraulic research laboratory, established in 1998 with the objective to assist in the achievement of national development goals by providing an effective base for research and development, training and consultancy services in the field of hydraulics and sedimentation related to water resources development in Nepal and internationally.



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