

**ICH Value Creation
through Education!**



Risk Management in Hydropower Development II

Virtual

18-20 May

Deadline to submit applications: 27th of March 2022



Background

Hydrowater projects are site-specific and exposed to a range of uncertainties and risks. The range includes economic, environmental, social, geological, regulatory, political, technological, financial, climate, natural, and health and safety. If not anticipated and understood, they cannot be managed effectively. These risk factors can lead to schedule and cost overruns, which ultimately cause significant delays in power availability and, in extreme cases, lead to project failures.

Every project has a unique Context. The scope, setting, phase, decision processes and stakeholders affect the opportunities to incorporate sustainability.

Risk context addresses the individual and group attitudes and behaviours that affect how risk arises and how it may be managed.

The case studies delivered in the course will seek to understand the relationships that illustrate the complexity and critical thinking required to address risks.

Objectives

To develop competence in the process and tools of analysis of economic, social and environmental impacts of risks related to hydropower that should be considered throughout the project cycle.

To promote critical thinking concerning multi-dimensional dynamic risk assessment related to hydropower project development.

- Identifying risk in the Context of the project
- Developing a risk management strategy
- Developing comprehensive risk management plans
- Operational Contexts, internal and external factors.
- Strategic risk
- Case studies
- Regulatory risks
- Climate change impact on risk profiles

Target group

The course is aimed at the stakeholders of the electrical industry, such as field technicians in the social and environmental areas, development agencies, government governing entities, among others. Personnel responsible for formulating and implementing environmental and social monitoring programs of the governing entities, regulatory authorities, local governments, civil organizations, developers and consulting companies, with over three years of experience linked to the electricity sector.

Course Description

The online version has been designed to integrate knowledge with experience and promote interaction and collaboration:

Virtual sessions streaming 3 hours online content

Total dedicated time 6 hours daily

Group assignments and Individual assignments will be required

Environmental
Sustainability
Multi-criteria
Competition
Risk
Taxonomy
Power
Failures
Social
Uncertainties
Vulnerability
Electricity
Planning
Economic
Climate
Hydropower



Course requirements

- Participants will be expected to have completed Risk Management Module I Virtual training as a cornerstone of ICH's risk management and hydropower development course series
- The course will be run online from 18-20 May 2022
- Module III of this series will be in-person and run regionally subject to local health guidelines.

Course specifications

Our organization policies and academic committee require applicants to give a complete description and relevant information about their job position.

Please highlight why the selected training programme will be applicable for your actual job position.

ICH reserves the right to accept or reject any application based on its qualifications and experience.

Only applications submitted online will be accepted.

No applications will be received after the deadline.

Selected participants, as well as those favoured with NORAD sponsor seat, will be notified during the 29th of April 2022, along with practical information about the course, English proficiency assessment, interview, connectivity test and preliminary program.

Deadline to submit applications: **27th of March 2022**

Candidates must duly complete the application form found at

<https://form.ich.no/>

within the given deadline.

Course name: 202203 Risk Management in Hydropower Development Module II



Course Fee
500 USD



For detailed information regarding the training course please contact:

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International Centre
for Hydropower



Norad



***ICH building capacity
for a new generation of
hydropower practitioners***

