

**WEBINAR ON ICE ENGINEERING FOR CIVILS
PART 2: HYDROTECHNICAL ASPECTS
AUGUST 22, 2020**

**from 9:00 am to 11:30 am ADT
from 9:30 am to 12:00 noon NDT**

Civil engineers working in Nordic regions will sooner or later have to deal with ice problems, a subject rarely treated in B.Eng programs. This webinar series will provide an introduction to the subject with necessary theory plus practical applications.

In Part 2 we will discuss the following themes:

- Review of material from Part 1
- Flow in ice covered channels
- Ice cover formation
- Breakup, ice jams and javes
- Ice jam flood forecasting and mitigation



Webinar Leader: Phil Helwig, M.Eng, M.ASCE, P.Eng
Phil has 47 years experience in hydropower and water resources engineering. He has been interested in ice engineering since early in his career. He has practical experience with ice problems in NWT, Newfoundland and Labrador and Quebec.

Webinar Objectives: This webinar is intended for the generalist civil engineer to enhance his/her skills in dealing with ice problems.

FEES:

Practicing engineers: \$90.00 (including HST)

Engineers looking for work, retired or on maternity/paternity leave: \$45.00 (including HST)

Engineering students: \$45.00 (including HST)

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FINAL NOTE: It is very important that I have your correct email. This will prevent any problem with communication.