

## **HYCANOR Student Support Application**

The Partnership on Sustainable Hydropower in Canada and Norway – HYCANOR – was set up to facilitate information and learning exchange between Canada and Norway on the issue of the sustainable development of hydropower. HYCANOR's main thematic areas consist of: 1) fish migrations and fish passages in regulated rivers, and 2) environmental effects of artificial water level fluctuations in hydropower reservoirs. HYCANOR draws its expertise from several key Canadian and Norwegian institutions with histories of working on hydropower and hydropower impacts, including: the Norwegian Institute for Nature Research (NINA), The Arctic University, located in Tromsø, Norwegian University of Science and Technology (NTNU), the University of Waterloo, Carleton University and the University of Northern British Columbia. In Norway HYCANOR also has links to HydroCen (the Norwegian Research Center for Hydropower Technology).

A key focus of HYCANOR is the methodological training of MSc and PhD students with the aim of preparing them for future scientific careers that may involve hydropower work. As part of that training HYCANOR will facilitate exchanges between participating institutions and include students in the annual meetings/workshops. In that regard HYCANOR aims to function as a platform for knowledge exchange between the partner institutions and between younger and more experienced scientists.

As part of the HYCANOR meeting cycle, a workshop will be held in May 2020 in Kelowna, Canada. Exact dates are yet to be determined. There are several openings for graduate student attendance, which will be fully funded by HYCANOR. Meeting will involve site visits to BC Hydro dam facilities, discussions of environmental design for hydro-power production and organization of students to produce an early draft of a pertinent literature review pertaining to one of the key research questions identified from a globally-based analysis of research priorities for the development of fish friendly hydropower.

Students interested in attending should complete the following brief application and submit it to Dr. I. P. Helland via e-mail ([Ingeborg.Helland@nina.no](mailto:Ingeborg.Helland@nina.no)), Norwegian Institute for Nature Research by January 30, 2020. A committee of HYCANOR participants will evaluate the applications and inform those selected for attendance by the end of March 2020. While experience with hydro-power research is desirable, it is not mandatory given the breadth of skills that can be brought to the study of sustainable hydro-power.

## **HYCANOR Student Support Application**

Name: \_\_\_\_\_

Institution of Study: \_\_\_\_\_

Degree and expected finishing date: \_\_\_\_\_

***1. Briefly describe the skill sets you have and how they may be related to the study of sustainable hydro-power. (Maximum 400 words).***

***2. Provide an abstract of a presentation you could make at the HYCANOR annual meeting focusing on an applied hydro-power research question or a way in which your skill set could be used to address a hydro-power research question. (Maximum 250 words).***

***3. Provide a brief summary of expected costs for attending the HYCANOR annual meeting.***

***4. Attach brief curriculum vitae highlighting your scientific career, peer-reviewed publications and presentations. (Maximum 2 pages).***