



**Sea ice Environmental Research Facility (SERF)
Application form - Winter 2019-2020**

Project participant:

PI (who is paying the bill?):

Project manager (who is in charge of the project?):

Participant (who is helping?):

Main contact information (name, phone, email):

External user: do you have a CEOS collaborator?

If yes, who?

Project:

Please provide a brief description of the project, the objectives, methodologies and why SERF is the right platform for the proposed research, max. 400 words.



Parameters:

List of parameters you will measure:

List of core parameters you are interested in and hope to access for your experiment:

Required space:

How much space do you need? The pool is 60 ft x 30ft x 8ft (deep). SERF has the potential to be with or without snow cover by placing a roof or not on top of the pool. Please mention what will be your preference.

Timeline:

When would you like to run your experiment and how long will it take?

December is potentially open to experiments as the pool will be filled with water and ice will be allowed to grow. At the end of December, we initiate the melt of the ice to start a first 3-weeks experience with a pool free of ice early January. At the end of January, we will melt the ice again to start a second experiment in February. At this point, the ice will grow and melt following the weather.

Sampling timeframe:

How often are you planning to sample and how long will it take?

Please send the completed form to Dr. N.-X. Geilfus (Nicolas-Xavier.Geilfus@umanitoba.ca) by September 20, 2019.