

# Embargo Procedure, Theses and Dissertations

## 10 November 2023

### Section 1: Anticipated Embargos


1. Embargo forms will be the central mechanism by which embargoes are requested.
2. Completing Embargo forms will be listed as an optional step when submitting theses or dissertations to the Faculty of Graduate Studies (FGS). Specifically, it will appear as a step on the following pages:
  - a. Thesis Process [page](#) and
  - b. Dissertation Process [page](#)
3. Embargo forms are to be submitted to FGS. The FGS completes the form by filling in one final field: the embargo end date, which is calculated based on the final thesis submission date.
4. The FGS will always send the Library the thesis/dissertation PDF, regardless of whether or not there is an embargo.
  - a. This PDF should be submitted to the FGS in PDF/A format, to prevent issues around fonts etc, and also the PDF should not contain any password protection. The FGS will include this in the thesis/dissertation process instructions and check for these formatting issues before passing it on to the Library.
  - b. If it is embargoed, the FGS will also send the Embargo Form along with the thesis/dissertation PDF and Licence to the Library.
  - c. The FGS will retain copies of all forms.
5. The Library will deposit all PDF thesis/dissertation documents into Knowledge Commons at the time of receipt. The embargo will be automatically applied to the thesis/dissertation PDF during this initial submission process.
  - a. If it is embargoed, only the abstract and metadata of the thesis will appear, along with a notice stating that the document is embargoed until a specific date. The thesis/dissertation PDF will exist in the Knowledge Commons database but it will not be publicly accessible. See this example:

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## Nonlinear mathematical and numerical modeling of the effect of temperature on membrane pore size

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### View/Open

 Embargoed until Sept.23, 2023  
(1.738Mb)

### Date

2022

### Author

Qiao, Yuhang

### Metadata

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Due to the growth of the global population, water stress has risen sharply. However, water stress in high latitudes is not only due to population growth but also to low local temperatures. Numerous studies have shown that temperature affects the pore size of membranes, becoming larger at higher temperatures and smaller at lower temperatures. Since the average low temperature at high latitudes is usually below 10°C, the effect of low temperature on the membrane can reduce water flow and thus reduce the effectiveness of the membrane. In this paper, the effect of temperature change on the membrane is mainly studied using the nonlinear thermoelastic model. In the model, an axisymmetric large mechanical deformation as well a large temperature change is considered. Traction-free mechanical boundary conditions and convective thermal boundary conditions were used in the study. The finite difference method is used to solve the nonlinear system of equations. The proposed model is validated by comparison with limited published experimental results. Differences between the model and the published results were analyzed by comparing the MATLAB and experimental results. The effects of the mechanical and thermal properties of the material on the membrane under increasing temperature changes were investigated. The modeling results are in reasonably good agreement with the experimental results.

### URI

<https://knowledgecommons.lakeheadu.ca/handle/2453/5103>

### Collections

Electronic Theses and Dissertations from 2009 [1408]

- b. At the time of the embargo end date, the embargo will lift automatically and the thesis/dissertation PDF will become accessible. **Please note: Neither FGS nor the Library need to manually track embargo end dates.** Redundancy for, and record of, this automatic system exists in the fact that the FGS retains a copy of the Embargo Form, which itself contains an embargo end date.

## Section 2: Late Embargos

1. Embargo forms will be the central mechanism by which embargoes are requested. This is the same form as referenced in section 1: anticipated and late embargoes use the same form.
2. Embargo forms are submitted to the FGS. The FGS submits this form to the Library. This form is stored by the FGS.
3. The Library will then apply the automatic embargo mechanism (see 5 a and b).

4. The Library also:
  - a. 1. Checks whether the PDF has been collected and made public by Library and Archives Canada
  - b. 2. If it has not been removed, contact LAC at [thesescanada-thesescanada@bac-lac.gc.ca](mailto:thesescanada-thesescanada@bac-lac.gc.ca) to ask for the thesis to be removed.
5. The library is not responsible for asking Google Scholar, or other services that automatically harvest thesis/dissertation PDFs and/or their metadata, to take down content. It is beyond our ability to control this retroactively, and can only be prevented by enacting an anticipated embargo.