

**Dear Editor(s)**

A new version of the article ‘Tricentennial trends in spring ice breakups in three rivers in northern Europe’ has now been uploaded.

We have added several of the analyses requested by the reviewers and this manuscript is therefore, in many regards, very different from the original manuscript that we submitted. This is evident when viewing the authors-track changes file. It is mostly red.

First, we apologize for the fact that our answer to the reviewers was not correct, but we had no idea that, for instance, daily temperature data was available. Afterwards we were made aware of this by the most random discussion. We tried to answer or give a perspective on some of the questions (for example, is there data on ice-cover periods) which meant that we also added a new section 2.4 where we try to answer this. I think that this provides some answers to the reviewers’ questions.

Nonetheless, we have added several analyses and the manuscript reads differently. It is a bit longer, but not much. The length should not be an issue. If it is, then we hope for some leniency. We did a lot of work to improve language and make the manuscript less verbose and ‘tighten it up’, which was also requested.

The following analyses were added as requested by the reviewers. We added some analyses (like the discharge analysis) to clarify the results:

1. Dynamic temperature analysis 1961-2020
2. Precipitation analysis 1960-2020
3. Variability analyses of the breakups in general (30-year non-overlapping periods)
4. Ice thickness analysis for Torne River (only one with data).
5. Changes in frequency of extreme events
6. Dynamic discharge analysis for Kokemäki River
7. Watershed, discharge, and duration of ice-cover where added when possible.

This is, thanks to the reviewers an improved manuscript.