

Supplementary material for Luca Bianchi et al. Poster titled Modelling Meltwater Temperature in Supraglacial Channels.

This material contains the link to a preprint relevant to the background section of the poster. This preprint needs revisions and is not indicative of final work, but does still present related results. It also highlights what I have been working on in the first half of my PhD.

An image of a 'random' channel is presented which link with results section. It shows a created channel in which the length, slope, and shape of control volumes was varied. This leads to variations in water temperature.

Finally, two photos from fieldwork in Greenland are attached. These are the typical ice sheet channels I have gathered data from and am modelling.

View preprint here!



G. Bianchi, S. Buzzard, et al.

Modelling the Geomorphological Changes of a
Supraglacial Meltwater Channel.

ESS Open Archive. 09 April 2026.

DOI: <https://doi.org/10.22541/essoar.15001801/v1>

Channel Water Temperature Distribution





