If the Death et al. [2014] end members were applied only to the fraction of freshwater derived from the grounded portion of the RIS (ca. 5%, Carter and Fricker [2012]), our simulations suggest the overall glacial flux would contribute 50-500% of the observed concentrations in ISW. Obviously the lower bound is possible, with the remaining 50% supplied by other sources such as MCDW. However, based on the present measurements it is not possible to distinguish between sub-glacial and glacial meltwater.

80 words