

Does Late Glacial GIA aid Holocene ice cap persistence?

Ólafur Ingólfsson^a, and Wesley R. Farnsworth^{a,b}

^aInstitute of Earth Sciences, University of Iceland, Reykjavík, Iceland; WesleyF@hi.is; oi@hi.is; ^bGlobe Institute, University of Copenhagen, Copenhagen, Denmark;

Yes.

Given the terrain and glacial history (ice cover thickness and duration), glacio-isostatic emergence helps sustain Svalbard's Holocene ice caps.