

SUPPLEMENTARY MATERIAL

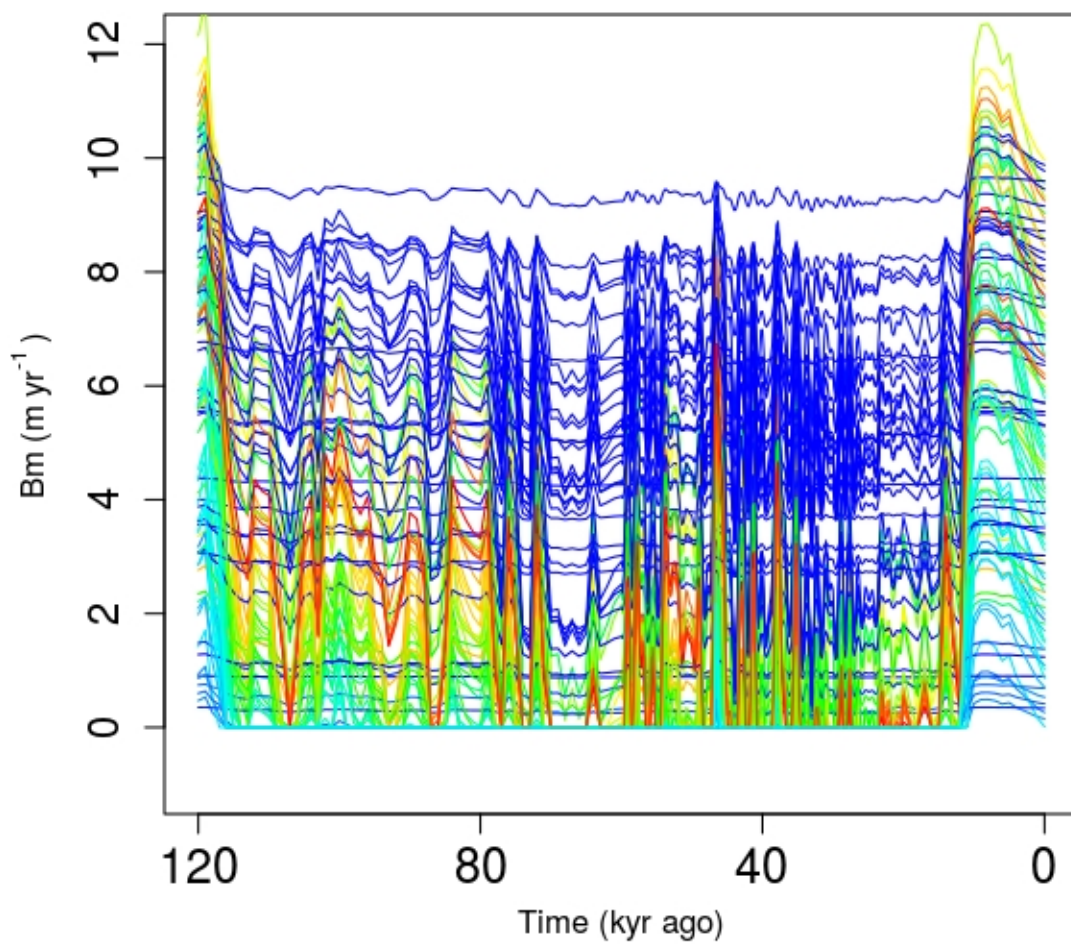


Fig. SM1 Ensemble of basal melting rate evolutions for the 100 LE simulations throughout the last glacial period. Color scale refers to the colored legend of Fig. 3.

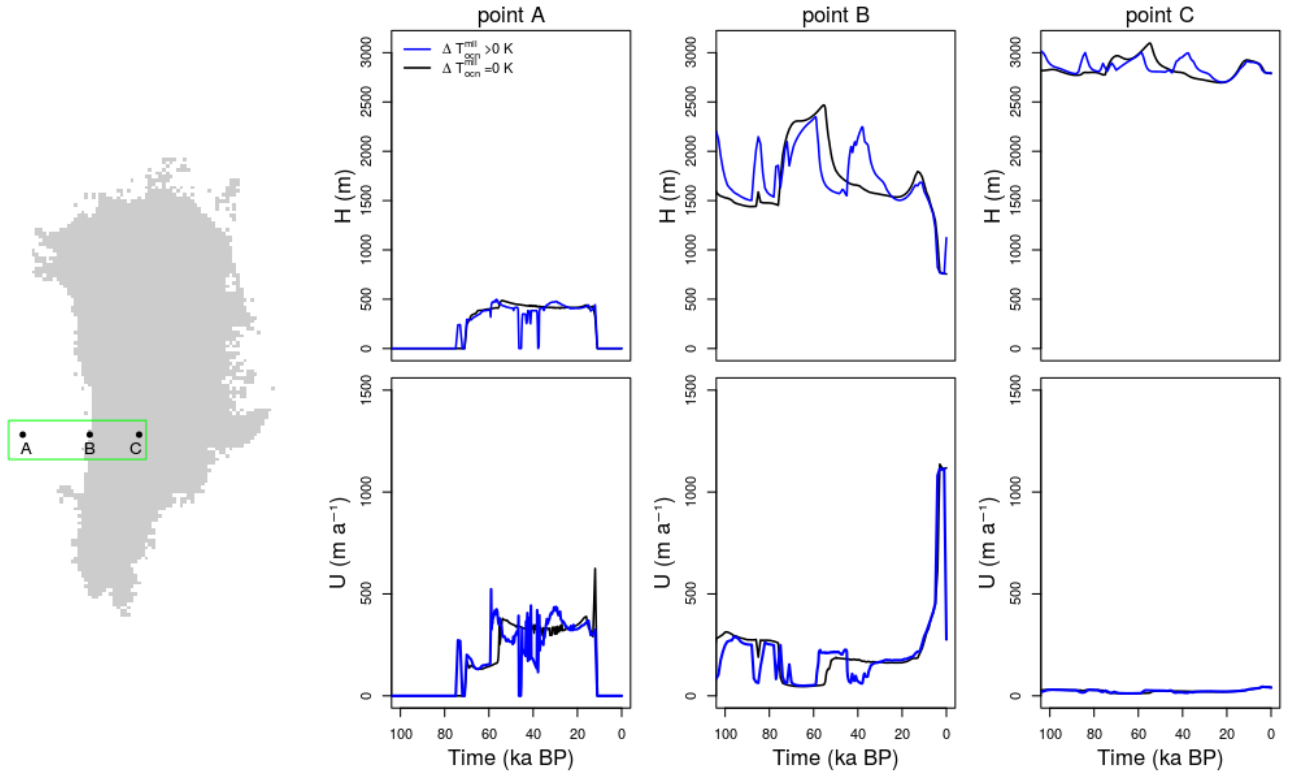


Fig. SM2 Transient dynamics specified for three locations along Jakobshavn Isbrae outlet glacier. Ice thickness (upper panels) and velocity (lower panels) LGP evolution is shown for the glacial marine margin (point A), present-day marine margin (point B) and far in the interior of the ice sheet (point C). Black curves indicate the dynamics of the ORB_{max} simulation, blue curves represent the dynamics of the TOT_{max} simulation.

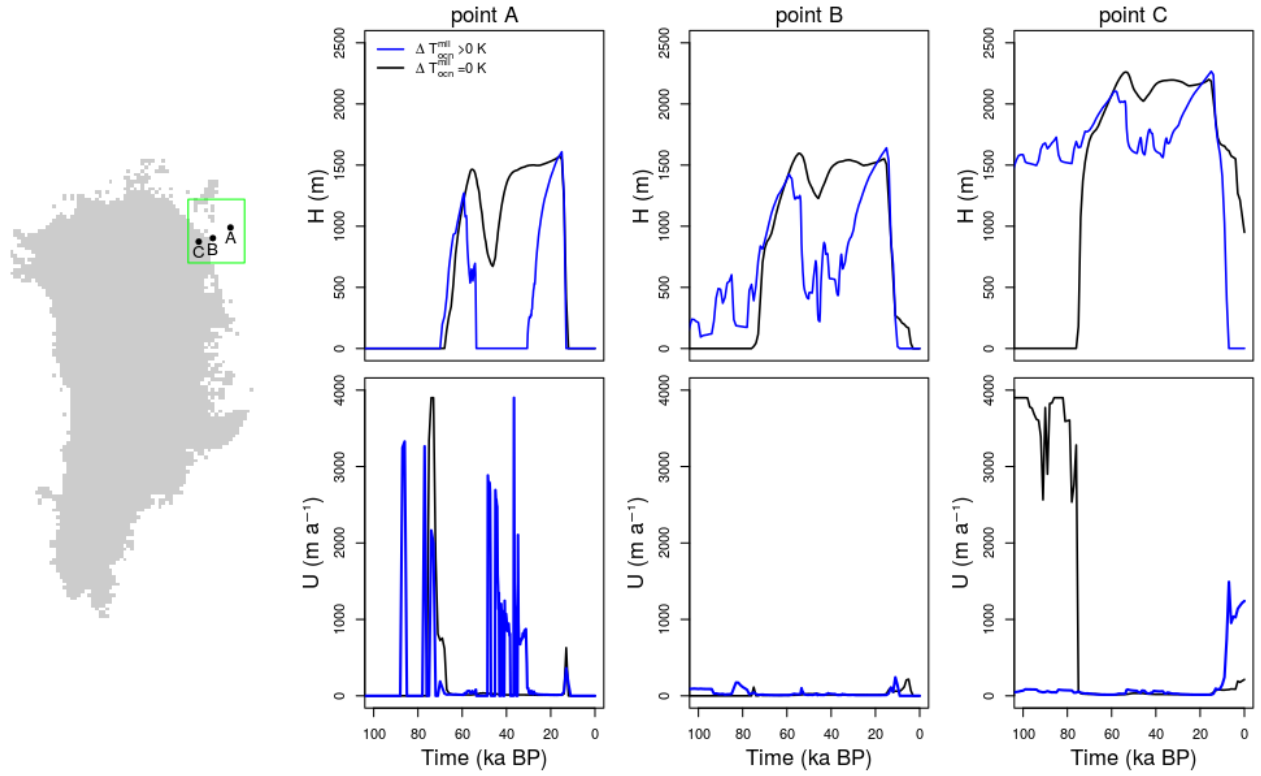


Fig. SM3 Transient dynamics specified for three locations along NEGIS area. Ice thickness (upper panels) and velocity (lower panels) LGP evolution is shown for the glacial marine margin (point A), present-day marine margin (point B) and far in the interior of the ice sheet (point C). Black curves indicate the dynamics of the ORB_{max} simulation, blue curves represent the dynamics of the TOT_{max} simulation.