

Publications: Anders Damsgaard

Peer-reviewed publications in the past five years:

- [7] Kasmalkar, I., **A. Damsgaard**, L. Goren, and J. Suckale 2022 “Shear variation at the ice-till interface changes the spatial distribution of till porosity and meltwater drainage”. *Journal of Geophysical Research: Earth Surface*. <https://doi.org/10.1029/2021JF006460>
- [6] **Damsgaard, A.**, O. Sergienko, and A. Adcroft 2021 “The effects of ice floe-floe interactions on pressure ridging in sea ice”. *Journal of Advances in Modeling Earth Systems*, vol. 13. <https://doi.org/10.1029/2020MS002336>
- [5] **Damsgaard, A.**, L. Goren, and J. Suckale 2020 “Water pressure fluctuations control variability in sediment flux and slip dynamics beneath glaciers and ice streams”. *Communications Earth & Environment*, vol. 1(66). <https://doi.org/10.1038/s43247-020-00074-7>
- [4] **Damsgaard, A.**, A. Adcroft, and O. Sergienko 2018 “Application of discrete-element methods to approximate sea-ice dynamics”. *Journal of Advances in Modeling Earth Systems*, vol. 10, 2228–2244. <https://doi.org/10.1029/2018MS001299>
- [3] Bateman, M. D., D. A. Swift, J. A. Piotrowski, E. J. Rhodes, **A. Damsgaard** 2018 “Can glacial shearing of sediment reset the signal used for luminescence dating?”. *Geomorphology*, vol. 306, 90–101. <https://doi.org/10.1016/j.geomorph.2018.01.017>
- [2] **Damsgaard, A.**, J. Suckale, J. A. Piotrowski, M. Houssais, M. R. Siegfried, and H. A. Fricker 2017 “Sediment behavior controls equilibrium width of subglacial channels”. *Journal of Glaciology*, vol. 63, 1034–1048. <https://doi.org/10.1017/jog.2017.71>
- [1] **Damsgaard, A.**, A. Cabrales-Vargas, J. Suckale, and L. Goren 2017 “The coupled dynamics of meltwater percolation and granular deformation in the sediment layer underlying parts of the big ice sheets”. *Poromechanics VI*. <https://doi.org/10.1061/9780784480779.024>