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*Last updated: May 17, 2019*

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## 2019

- Banwell, A. F., Willis, I. C., Macdonald, G. J., Goodsell, B., & MacAyeal, D. R. (2019). Direct measurements of ice-shelf flexure caused by surface meltwater ponding and drainage. *Nature Communications*, 10, 730. <https://doi.org/10.1038/s41467-019-08522-5>
- Brunt, K. M., Neumann, T. A., & Larsen, C. F. (2019). Assessment of altimetry using ground-based GPS data from the 88S Traverse, Antarctica, in support of ICESat-2. *The Cryosphere*, 13(2), 579–590. <https://doi.org/10.5194/tc-13-579-2019>
- Cooper, M. A., Jordan, T. M., Siegert, M. J., & Bamber, J. L. (2019). Surface Expression of Basal and Englacial Features, Properties, and Processes of the Greenland Ice Sheet. *Geophysical Research Letters*, 46(2), 783–793. <https://doi.org/10.1029/2018GL080620>
- Dai, C., Howat, I. M., Larour, E., & Husby, E. (2019). Coastline extraction from repeat high resolution satellite imagery. *Remote Sensing of Environment*. <https://doi.org/10.1016/j.rse.2019.04.010>
- Durkin, W., Kachuck, S., & Pritchard, M. (2019). The Importance of the Inelastic and Elastic Structures of the Crust in Constraining Glacial Density, Mass Change, and Isostatic Adjustment From Geodetic Observations in Southeast Alaska. *Journal of Geophysical Research: Solid Earth*, 124(1), 1106–1119. <https://doi.org/10.1029/2018JB016399>
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- Howat, I. M., Porter, C., Smith, B. E., Noh, M.-J., & Morin, P. (2019). The Reference Elevation Model of Antarctica. *The Cryosphere*, 13(2), 665–674. <https://doi.org/10.5194/tc-13-665-2019>
- Khan, A. L., Klein, A. G., Katich, J. M., & Xian, P. (2019). Local Emissions and Regional Wildfires Influence Refractory Black Carbon Observations Near Palmer Station, Antarctica. *Frontiers in Earth Science*, 7, 49. <https://doi.org/10.3389/feart.2019.00049>
- Lara, M. J., Chipman, M. L., & Hu, F. S. (2019). Automated detection of thermoerosion in permafrost ecosystems using temporally dense Landsat image stacks. *Remote Sensing of Environment*, 221, 462–473. <https://doi.org/10.1016/j.rse.2018.11.034>
- LaRue, M., Salas, L., Nur, N., Ainley, D., Stammerjohn, S., Barrington, L., ... Nakamura, H. (2019). Physical and ecological factors explain the distribution of Ross Sea Weddell seals during the breeding season. *Marine Ecology Progress Series*, 612, 193–208. <https://doi.org/10.3354/meps12877>
- Linhardt, T., Levy, J. S., & Thomas, C. K. (2019). Water tracks intensify surface energy and mass exchange in the Antarctic McMurdo Dry Valleys. *The Cryosphere Discussions*, 1–16. <https://doi.org/10.5194/tc-2019-8>
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