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I`m a Geographer and about to finish my PhD at the Alfred Wegener Institute in the Periglacial Research Section in Potsdam, Germany. I´m interested in past landscape changes in permafrost areas. Here, I use sediment cores from lakes and drained basins to reconstruct paleo-environments. My study sites are currently located in central-eastern Beringia, namely in Alaska where a former land bridge connected Eurasia and North America allowing first human migration into the “New World”. But I was also able to conduct research in the western Canadian Arctic where I studied lake sediments and permafrost outcrops. I`m grateful to have gained so many experiences by organizing field work, participating in conferences and workshops and develop my skills within the IASC Fellowship program.

**List of publications**

**Lenz, J.**, Wetterich, S., Jones, B.M., Meyer, H., Bobrov, A. and Grosse, G. (in press). Evidence of multiple thermokarst lake generations from an 11 800-year-old permafrost core on the northern Seward Peninsula, Alaska. *Boreas.* DOI: 10.1111/bor.12186

**Lenz, J.**, Grosse, G., Jones, B.M., Walter Anthony, K.M., Bobrov, A., Wulf, S. and Wetterich, S. (2016). Mid-Wisconsin to Holocene Permafrost and Landscape Dynamics based on a Drained Lake Basin Core from the Northern Seward Peninsula, Northwest Alaska. *Permafrost and Periglacial Processes 27*: 56–75. DOI: 10.1002/ppp.1848

**Lenz, J.**, Fritz, M., Schirrmeister, L., Lantuit, H., Wooller, M.J., Pollard, W.H. and Wetterich. S. (2013). Periglacial landscape dynamics in the western Canadian Arctic: Results from a thermokarst lake record on a push moraine (Herschel Island, Yukon Territory). *Palaeogeography, Palaeoclimatology, Palaeoecology 381–382*, 15–25. DOI: 10.1016/j.palaeo.2013.04.009

Fritz, M., Unkel, I., **Lenz, J.**, Gajewski, K., Frenzel, P., Paquette, N., Lantuit, H., Körte, L., Wetterich, S. (under review). Holocene regional environmental change versus local signal preservation in thermokarst lake sediments: a case study from Herschel Island, Yukon (Canada). *Paleolimnology*

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