

**Sediment archives from the Arctic Ocean provide evidence for massive remobilization of permafrost carbon in Siberia during the last glacial termination**

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**The findings presented in our abstract are currently in review and embargoed. Meanwhile, please consider our recent publications on this topic:**

Martens, J., Wild, B., Pearce, C., Tesi, T., Andersson, A., Bröder, L., et al. ( 2019). Remobilization of old permafrost carbon to Chukchi Sea sediments during the end of the last deglaciation. *Global Biogeochemical Cycles*, 33, 2 14. <https://doi.org/10.1029/2018GB005969>

Muschitiello, F., O'Regan, M., Martens, J., West, G., Gustafsson, Ö., and Jakobsson, M.: A new 30 000-year chronology for rapidly deposited sediments on the Lomonosov Ridge using bulk radiocarbon dating and probabilistic stratigraphic alignment, *Geochronology*, 2, 81–91, <https://doi.org/10.5194/gchron-2-81-2020>, 2020.

Tesi, T., Muschitiello, F., Smittenberg, R. *et al.* Massive remobilization of permafrost carbon during post-glacial warming. *Nat Commun* **7**, 13653 (2016). <https://doi.org/10.1038/ncomms13653>