

Changes made to the manuscript after acceptance (fixes and updates of repository links and reference DOIs formatting of tables)

1) Lines 473-475

Deleted "XRF core scanning data and AMS radiocarbon certificates are available at the GEUS Dataverse (currently shared using a private link, but will be publicly available when manuscript has been issued final doi): <https://dataverse.geus.dk/privateurl.xhtml?token=a64a3df7-add2-49e7-868d-2512becb62df>"

Added "XRF core scanning data and AMS radiocarbon certificates are available at the GEUS Dataverse: Korsgaard, Niels Jákup, 2024, "Data from sediment lake cores from Saqqaq, West Greenland", <https://doi.org/10.22008/FK2/J1FUMQ>, GEUS Dataverse, V1.

Lines 516-517

Fixed hyperlink.

Lines 608-609.

This reference has been published and the reference list has been updated accordingly.

From:

"Pearce, C., Özdemir, K. S., Forchhammer, R. C., Detlef, H., and Olsen, J.: The marine reservoir age of Greenland coastal waters, *Geochronology Discuss.* [preprint], <https://doi.org/10.5194/gchron-2023-7>, in review, 2023."

To:

"Pearce, C., Özdemir, K. S., Forchhammer Mathiasen, R., Detlef, H., and Olsen, J.: The marine reservoir age of Greenland coastal waters, *Geochronology*, 5, 451–465, <https://doi.org/10.5194/gchron-5-451-2023>, 2023."

Line 624. Full stop replaced with comma.

Lines 663-665

From:

"Svennevig, K., Owen, M.J., Citterio, M., Nielsen, T., Rosing, S., Harff, J., Endler, R., Morlighem, M., Rignot. E. Holocene giga-scale rock avalanches in Vaigat, West Greenland – implications for geohazard. *Geology*, in review, 2023b."

To:

"Svennevig, K., Owen, M.J., Citterio, M., Nielsen, T., Rosing, S., Harff, J., Endler, R., Morlighem, M., Rignot.: E. Holocene giga-scale rock avalanches in Vaigat, West Greenland – implications for geohazard. *Geology*, <https://doi.org/10.1130/G51234.1>, 2023b."

As requested for publication Tables 1 and 2 have been added to the manuscript as tables and not rasters.