**Metadata S1**

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**Data S1: Bathymetry from International Bathymetric Chart of the Arctic Ocean (IBCAO) Version 3.0, Jakobsson et al. (2012).** [**https://doi.org/10.1029/2012GL052219**](https://doi.org/10.1029/2012GL052219)**.**

The code that generated the file DataS1\_observations\_IBCAO\_1min\_bathy.mat is not publicly available.