

Author Correction: Global glacier mass changes and their contributions to sea-level rise from 1961 to 2016

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In this Letter, the regional mass changes for Iceland were erroneously computed from the temporal variability of the glaciological sample from the Low Latitudes (instead of Iceland). Nevertheless, long-term mass changes were correctly derived from geodetic values from Iceland. Recalculation based on the correct data results in a larger inter-annual variability for Iceland (with a minimum mass balance in the hydrological year 2009/10 instead of 2015/16), a larger mass loss over the full observation period from 1961 to 2016 (-3.7 gigatonnes (Gt) yr^{-1} instead of -2.4 Gt yr^{-1}), and a smaller ice loss over the last decade from 2006 to 2016 (-5.3 Gt yr^{-1} instead of -7.5 Gt yr^{-1}). At global levels, however, these corrections result in changes of less than 1% and are well within the error bars. As a consequence, this error did not affect any of the conclusions in the Letter. In Table 1, in the '06 Iceland (ISL)' row, the specific mass change (m water equivalent (w.e.) yr^{-1}) should have been -0.50 ± 0.37 (instead of -0.71 ± 0.43), and the mass change (Gt yr^{-1}) should have been -5 ± 4 (instead of -8 ± 5); in the 'Total, excl. GRL and ANT' row, the specific mass change should have been -0.55 ± 0.04 (instead of -0.56 ± 0.04), and the mass change should have been -267 ± 19 (instead of -270 ± 19); and in the 'Global total' row, the specific mass change should have been -0.47 ± 0.20 (instead of -0.48 ± 0.20), and the mass change should have been -332 ± 144 (instead of -335 ± 144). These errors have all been corrected online. For regional comparisons with other studies, we provide a new version with corrected data files in the Zenodo repository (<https://doi.org/10.5281/zenodo.3557199>).