

### Author Correction: Multidecadal variation of the Earth's inner-core rotation

Correction to: *Nature Geoscience* <https://doi.org/10.1038/s41561-022-01112-z>. Published online 23 January 2023.

<https://doi.org/10.1038/s41561-023-01136-z>

Published online: 31 January 2023

 Check for updates

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Some language in this article has been updated to more precisely describe the inner-core rotation discussed in this study as differential inner-core rotation, the difference in rotation between the inner core and the mantle. In the fourth sentence of the Abstract, now reading “This globally consistent pattern suggests that differential inner-core rotation has recently paused,” the clarifying text “differential” has now been included. In the fifth sentence of the Abstract, now reading “We compared this recent pattern to the Alaskan seismic records of South Sandwich Islands doublets going back to 1964 and it seems to be associated with a gradual turning-back of the inner core relative to the mantle as a part of an approximately seven-decade oscillation, with another turning point in the early 1970s,” the clarifying text “relative to the mantle” has now been included. In the second main heading, now reading “Observations of a pause in differential rotation in the recent decade,” the phrase “a pause in differential rotation” replaces “a pause of rotation.” The changes have been made to the HTML and PDF versions of the article.

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### Publisher Correction: Carbon dioxide sink in the Arctic Ocean from cross-shelf transport of dense Barents Sea water

Correction to: *Nature Geoscience* <https://doi.org/10.1038/s41561-022-01069-z>, published online 21 November 2022.

<https://doi.org/10.1038/s41561-022-01109-8>

Published online: 19 December 2022

 Check for updates

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In the version of this article initially published, author Cora Hörstmann was wrongly listed with a second affiliation with the Department of Ecoscience–Applied Marine Ecology and Modelling, Aarhus University rather than the Mediterranean Institute of Oceanography (MIO), Marseille, France. Furthermore, references 83–97, now found in the Supplementary Tables caption, were wrongly cited in the Data Availability section. The errors have been corrected in the HTML and PDF versions of the article.

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