



Author Correction: Co-variation of silicate, carbonate and sulfide weathering drives CO₂ release with erosion

Correction to: *Nature Geoscience*
<https://doi.org/10.1038/s41561-021-00714-3>,
published online 7 April 2021.

<https://doi.org/10.1038/s41561-024-01426-0>

Published online: 25 March 2024

Check for updates

Aaron Bufe[✉], Niels Hovius, Robert Emberson, Jeremy K. C. Rugenstein[✉],
Albert Galy, Hima J. Hassenruck-Gudipati[✉] & Jui-Ming Chang

In the version of the article initially published, a factor of 0.5 was accidentally dropped from equation (21), which has now been corrected to $[\text{CO}_2]_{\text{mt}} = 0.5 \left([\text{SO}_4^{2-}]^{\text{eq}} - [\text{Cat}]_{\text{sil}}^{\text{eq}} \right)$. As a result of this correction, in the Abstract, “at least twice as fast” has been corrected to “about twice as fast” and, in the “Impacts for Earth’s carbon cycle” section, “this shift occurs at erosion rates of -0.3–0.8 mm yr⁻¹” has been corrected to “this shift occurs at erosion rates of -0.3–1 mm yr⁻¹.” Supplementary data are now available in the online version of the article. Additionally, Fig. 4, Extended Data Fig. 5 and Supplementary Figs. 4, 7 and 8 have all been updated. The original and revised figures can be seen in the Supplementary information accompanying this notice. These updates have been made to the HTML and PDF versions of the article.

Supplementary information is available in the online version of this amendment.

Additional information

Extended data is available for this paper at <https://doi.org/10.1038/s41561-024-01426-0>.

Supplementary information The online version contains supplementary material available at <https://doi.org/10.1038/s41561-024-01426-0>.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article’s Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article’s Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2024