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Author Correction: Monitoring underwater volcano degassing using fiber-optic sensing

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-024-53444-y>, published online 07 February 2024

The original version of this Article contained an error in Reference 38, which was incorrectly given as:

“38. Goepel, A., Lonschinski, M., Viereck, L., Büchel, G. & Kukowski, N. Volcano-tectonic structures and co₂-degassing patterns in the Laacher see basin, Germany. *Int. J. Earth Sci.* **104**(5), 1483–1495 (2015).”

The correct reference is listed below:

“38. Albers, S., Vandorpe, T., Caudron, C., et al. (2022). Spatial and temporal variability of underwater gas seepage in the Laacher See volcanic lake, Eifel Volcanic Field, Germany. 101th Journées Luxembourgeoises de Géodynamique (Luxembourg).”

As a result, in the legend of Figure 1, where

“The purple square represents the hydrophone location inside the fiber optic loop. Each red dot depicts a CO₂ gas seep identified by Goepel et al.³⁸. The high-resolution bathymetric map is from Goepel et al.³⁸. Map is generated with Cartopy v0.22.0⁴⁰.”

now reads,

“The purple square represents the hydrophone location inside the fiber optic loop. Each red dot depicts a CO₂ gas seep identified by Albers et al.³⁸. The high-resolution bathymetric map is from Albers et al. (2022)³⁸. The map is generated with Cartopy v0.22.0⁴⁰.”

The original Article has been corrected.



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