



THE UNIVERSITY *of* EDINBURGH

Edinburgh Research Explorer

420,000 year assessment of fault leakage rates shows geological carbon storage is secure

Citation for published version:

Miocic, JM, Gilfillan, SMV, Frank, N, Schroeder-ritzrau, A, Burnside, NM & Haszeldine, RS 2019, '420,000 year assessment of fault leakage rates shows geological carbon storage is secure', *Scientific Reports*, vol. 9, no. 1. <https://doi.org/10.1038/s41598-018-36974-0>

Digital Object Identifier (DOI):

[10.1038/s41598-018-36974-0](https://doi.org/10.1038/s41598-018-36974-0)

Link:

[Link to publication record in Edinburgh Research Explorer](#)

Document Version:

Publisher's PDF, also known as Version of record

Published In:

Scientific Reports

General rights

Copyright for the publications made accessible via the Edinburgh Research Explorer is retained by the author(s) and / or other copyright owners and it is a condition of accessing these publications that users recognise and abide by the legal requirements associated with these rights.

Take down policy

The University of Edinburgh has made every reasonable effort to ensure that Edinburgh Research Explorer content complies with UK legislation. If you believe that the public display of this file breaches copyright please contact openaccess@ed.ac.uk providing details, and we will remove access to the work immediately and investigate your claim.



OPEN

Author Correction: 420,000 year assessment of fault leakage rates shows geological carbon storage is secure

Johannes M. Miocic , Stuart M. V. Gilfillan, Norbert Frank, Andrea Schroeder-Ritzrau, Neil M. Burnside & R. Stuart Haszeldine

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-36974-0>, published online 25 January 2019

This Article contains errors in the Reference list. Reference 3 is incorrectly listed as ‘Song, J. & Zhang, D. Comprehensive Review of Caprock-Sealing Mechanisms for Geologic Carbon Sequestration. *47*, 9–22 (2012)’. The correct reference is listed below as ref. 1.

Reference 16 is incorrectly listed as ‘Gilfillan, S. M. V. *et al.* The noble gas geochemistry of natural CO₂ gas reservoirs from the Colorado Plateau and Rocky Mountain provinces. *USA*. *72*, 1174–1198 (2008)’. The correct reference is listed below as ref. 2.

Reference 20 is incorrectly listed as ‘Alcalde, J. *et al.* Quantifying geological CO₂ storage security to deliver on climate mitigation (2018)’. The correct reference is listed below as ref. 3.

Reference 32 is incorrectly listed as ‘Condit, C. D. & Connor, C. B. Recurrence rates of volcanism in basaltic volcanic fields: An example from the Springerville volcanic field. *Arizona*. *108*, 1225–1241 (1996)’. The correct reference is listed below as ref. 4.

References

1. Song, J. & Zhang, D. Comprehensive Review of Caprock-Sealing Mechanisms for Geologic Carbon Sequestration. *Environ. Sci. Technol.* **47**, 9–22, <https://doi.org/10.1021/es301610p> (2013).
2. Gilfillan, S. M. V. *et al.* The noble gas geochemistry of natural CO₂ gas reservoirs from the Colorado Plateau and Rocky Mountain provinces, USA. *Geochim Cosmochim* **72**, 1174–1198, <https://doi.org/10.1016/j.gca.2007.10.009> (2008).
3. Alcalde, J., Flude, S. & Wilkinson, M. *et al.* Estimating geological CO₂ storage security to deliver on climate mitigation. *Nat. Commun.* **9**, 2201, <https://doi.org/10.1038/s41467-018-04423-1> (2018).
4. Condit, C. D. & Connor, C. B. Recurrence rates of volcanism in basaltic volcanic fields: An example from the Springerville volcanic field, Arizona. *Geol. Soc. Am. Bull.* **108**, 1225–1241, [https://doi.org/10.1130/0016-7606\(1996\)108<1225:RROVIB>2.3.CO;2](https://doi.org/10.1130/0016-7606(1996)108<1225:RROVIB>2.3.CO;2) (1996).



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 license, and indicate if changes were made. The images or other third party material in this article are included in the article’s Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article’s Creative Commons license 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 license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2020