



Supplement of

Global and national CO₂ uptake by cement carbonation from 1928 to 2024

Le Niu et al.

Correspondence to: Fengming Xi (xifengming@ustb.edu.cn)

- [essd-17-2231-2025-supplement-title-page.pdf](#)
- [Table S1-Activity-level data of cement clinker production and consumption.xlsx](#)
- [Table S2-Input model parameters of cement uptakes and emissions.xlsx](#)
- [Table S3-Results for cement carbon uptakes and emissions.xlsx](#)
- [Table S4-Uncertainty of cement carbon uptakes.xlsx](#)

The copyright of individual parts of the supplement might differ from the article licence.