

## CORRECTION

[View Article Online](#)  
[View Journal](#) | [View Issue](#)



Cite this: *Mater. Adv.*, 2025,  
6, 5792

DOI: 10.1039/d5ma90035b

[rsc.li/materials-advances](http://rsc.li/materials-advances)

## Correction: Environmental materials: CO<sub>2</sub>-adsorbing clays for enhancing soil fertility and agricultural sustainability

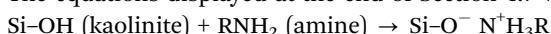
Faizah Altaf,<sup>a</sup> Shakeel Ahmed,<sup>b</sup> Shahid Ali,<sup>a</sup> Muhammad Mansha<sup>a</sup> and Safyan Akram Khan\*<sup>a</sup>

Correction for 'Environmental materials: CO<sub>2</sub>-adsorbing clays for enhancing soil fertility and agricultural sustainability' by Faizah Altaf *et al.*, *Mater. Adv.*, 2025, <https://doi.org/10.1039/D4MA01246A>.

The authors regret that affiliation "a" was provided incorrectly in the original manuscript. The corrected affiliation is as shown herein.

Furthermore, the authors regret two further errors within the manuscript.

The equations displayed at the end of Section 4.7 were displayed incorrectly and should be as follows:



Finally, the caption to Fig. 8 contained an error. The corrected figure caption is as follows;

**Fig. 8** Digital photos of samples used in the current study: (a) roller mixer, (b) sand, PK, CKP-0, CKP-30, and CKP-50, after mixing with sand coded as S-PK, S-CKP-0, S-30, and S-CKP-50, (c) hydroponic apparatus use (open and closed), (d) thermometer for temperature measurement and (e) digital lux meter used to measure light intensity inside the hypophonic apparatus.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

<sup>a</sup> Interdisciplinary Research Center for Hydrogen Technologies and Carbon Management, King Fahd University of Petroleum and Minerals, Dhahran 31261, Saudi Arabia.

E-mail: safyan@kfupm.edu.sa

<sup>b</sup> School of Material Science and Engineering, Henan University of Technology, Zhengzhou 450001, Henan, China

