



Corrigendum to "Use of biochar as carbon sequestering additive in cement mortar" [Cement and Concrete composites, 110–129]



Souradeep Gupta*, Harn Wei Kua, Chin Yang Low

Department of Building, School of Design and Environment, National University of Singapore, 4 Architectural Drive, S117566, Singapore

The authors would like to highlight the following corrections. Although it does not affect any of the conclusions reported in the original article, some minor calculation errors and typos in the print version of the article have been rectified here.

Correction -1) There was an error with the position of brackets in the print version of Equation (1) and (2). They should be read as follows.

$$CH \text{ loss } (\%) = 4.11 \times (\text{Mass loss at } 540^{\circ}\text{C} - \text{Mass loss at } 420^{\circ}\text{C})/M_{cp} \quad (1)$$

$$CC \text{ loss } (\%) = 2.27 \times (\text{Mass loss at } 950^{\circ}\text{C} - \text{Mass loss at } 540^{\circ}\text{C})/M_{cp} \quad (2)$$

Correction -2) The Calcium hydroxide (%) of cement pastes is amended in this revised Table 5.

Table 5. Content of calcium hydroxide (%) and calcium carbonate (%) determined from TGA analysis at 7-day age.

	Calcium hydroxide (%) (540 °C < T < 420 °C)	Calcium carbonate (%) (750 °C < T < 950 °C)
Plain cement paste	14.34	2.15
Saturated biochar added cement paste	15.57	5.80
Unsaturated biochar added cement paste	16.07	3.08

Correction- 3) Title of Fig. 7 should be.

Fig. 7. Heat flow (per gram of cement paste) due to hydration of cement paste with saturated and unsaturated biochar. For clarity of understanding, Fig. 16 is revised with ductility factors as follows. The displacement values (mm), which influence the slope of load-displacement curves, are also rectified. Higher ductility factor of biochar added mortar compared to control (Fig. 16) indicates that addition of

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* Corresponding author.

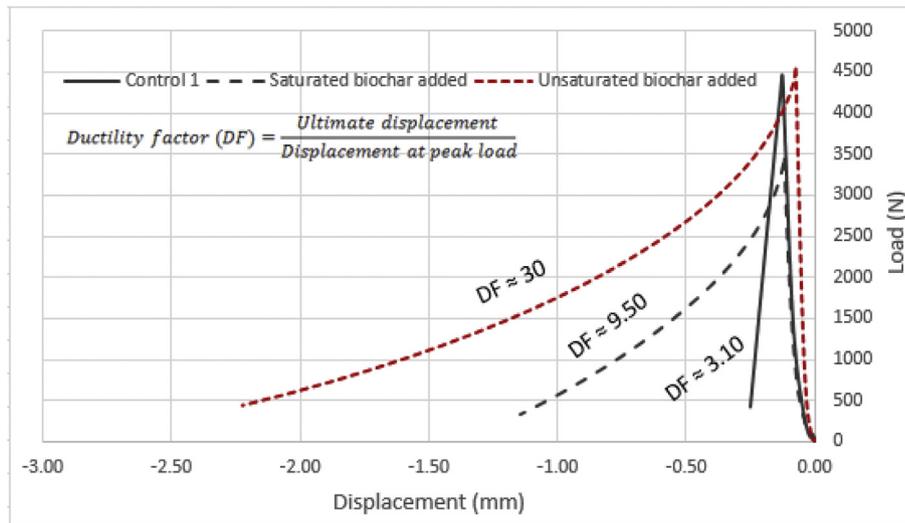
E-mail address: souradeepnus@gmail.com (S. Gupta).

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saturated and unsaturated biochar lead to a softening behavior once the peak flexural load is reached.

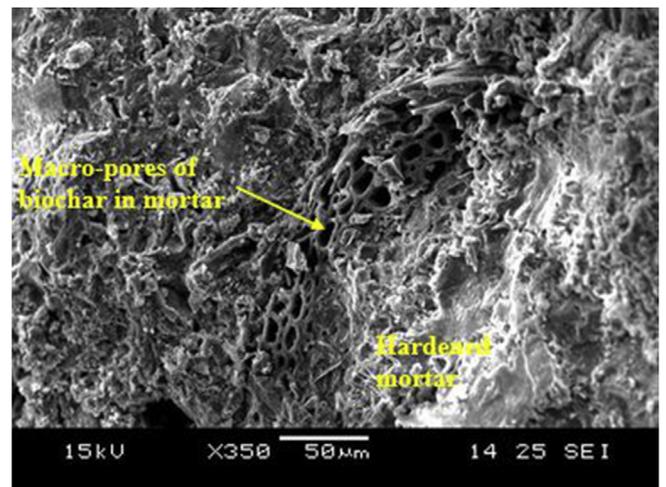
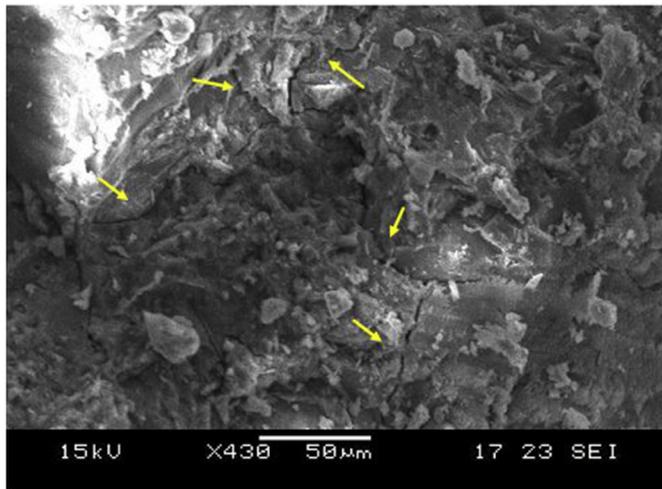
Fig. 16. Load-displacement profile of mortar containing saturated and unsaturated biochar.

The pores of biochar particle is not clearly visible in Fig. 22. Therefore, for clarity of reading, the following revised figure may be referred.



Correction- 4) Fig. 17 (b) is corrected and revised as follows.

Fig. 17 (b). SEM micrograph of cracks and discontinuities in biochar-mortar paste.



The authors would like to apologise for any inconvenience caused.