ERRATUM



Erratum to: Interaction mechanism and kinetics of ferrous sulfide and manganese oxides in aqueous system

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Erratum to: J Soils Sediments

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It has come to our attention that two issues need correcting.

Firstly, there are two scale bars with different lengths in the SEM images of Fig. 5. Please see corrected Fig. 5 below.

Secondly, formulas (3) and (4) are not accurate. Formula 4 includes two formulas relating to anode reaction. Please see the corrected formulas below:

Formulas:

Cathode :
$$MnO_{2 (s)} + 4H^{+}_{(aq)} + 2e \rightarrow Mn^{2+}_{(aq)} + 2H_{2}O$$
 (3)

Anode :
$$FeS_{(s)}-2e \rightarrow Fe^{2+}_{(aq)} + S_{(s)}$$

and/or $FeS_{(s)} + 2H_2O-3e \rightarrow \gamma - FeOOH_{(s)} + S_{(s)} + 3H^+$ (4)

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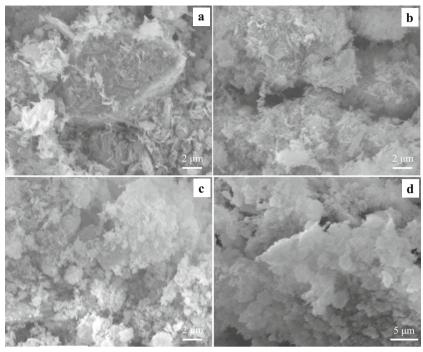


Fig. 5 SEM images of solid products from the oxidation of FeS suspension (1.33 g L^{-1}) by todorokite (0.67 g L^{-1}) in air atmosphere at pH 3.5 for 5 min (a), 1 day (b), 10 days (c) and 30 days (d)

