## **Supplementary materials**

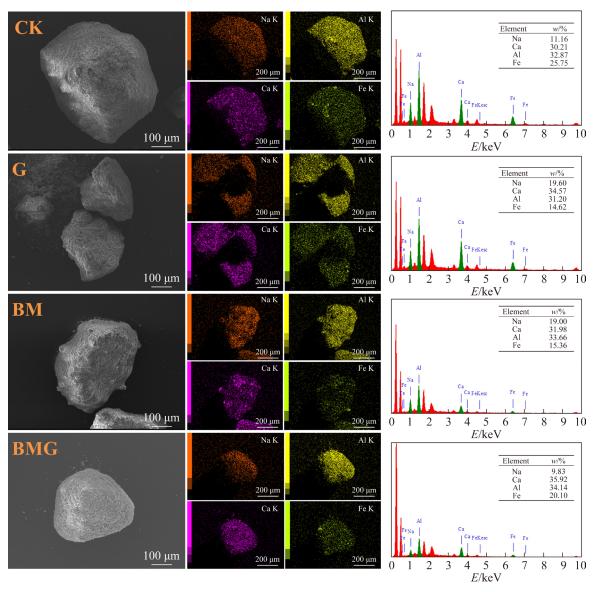


Figure S1 Element distribution and energy-dispersive X-ray analysis of bauxite residue after 60-d incubation

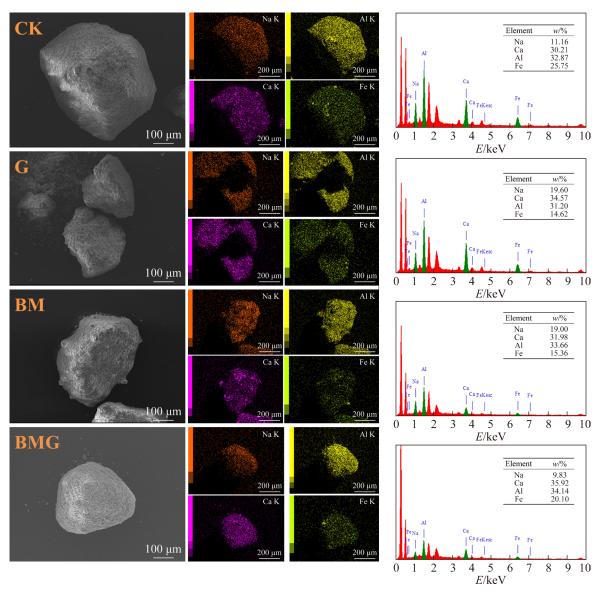


Figure S2 Element distribution and energy-dispersive X-ray analysis of bauxite residue after 180-d incubation

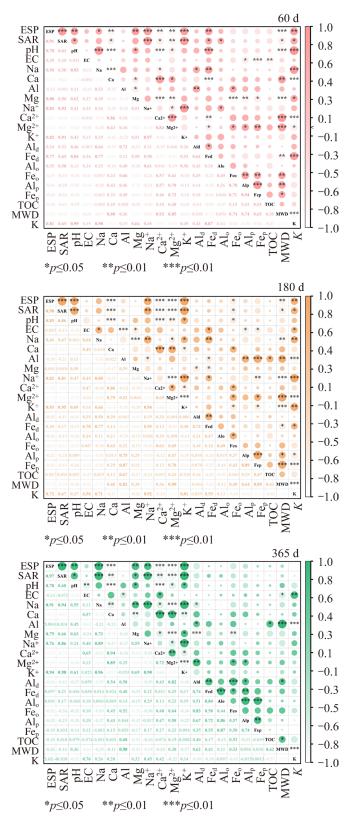


Figure S3 Pearson correlation analysis between the residue properties and aggregate stability of bauxite residue over time