**Supplementary material**

# Efficient Phosphate Removal from Wastewater by Ca-Laden Biochar Composites Prepared from Eggshell and Peanut Shells: A Comparison of Methods

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**Figure captions**

**Figure S1.** SEM spectra of Ca-PSB1 (A1 and B1) and Ca-PSB2 (A2 and B2).

**Figure S2.** XPS spectra of Ca 2p of Ca-PSB after P adsorption.

**Figure S3.** Zeta potentials of PSB, Ca-PSB2, and Ca-PSB2.

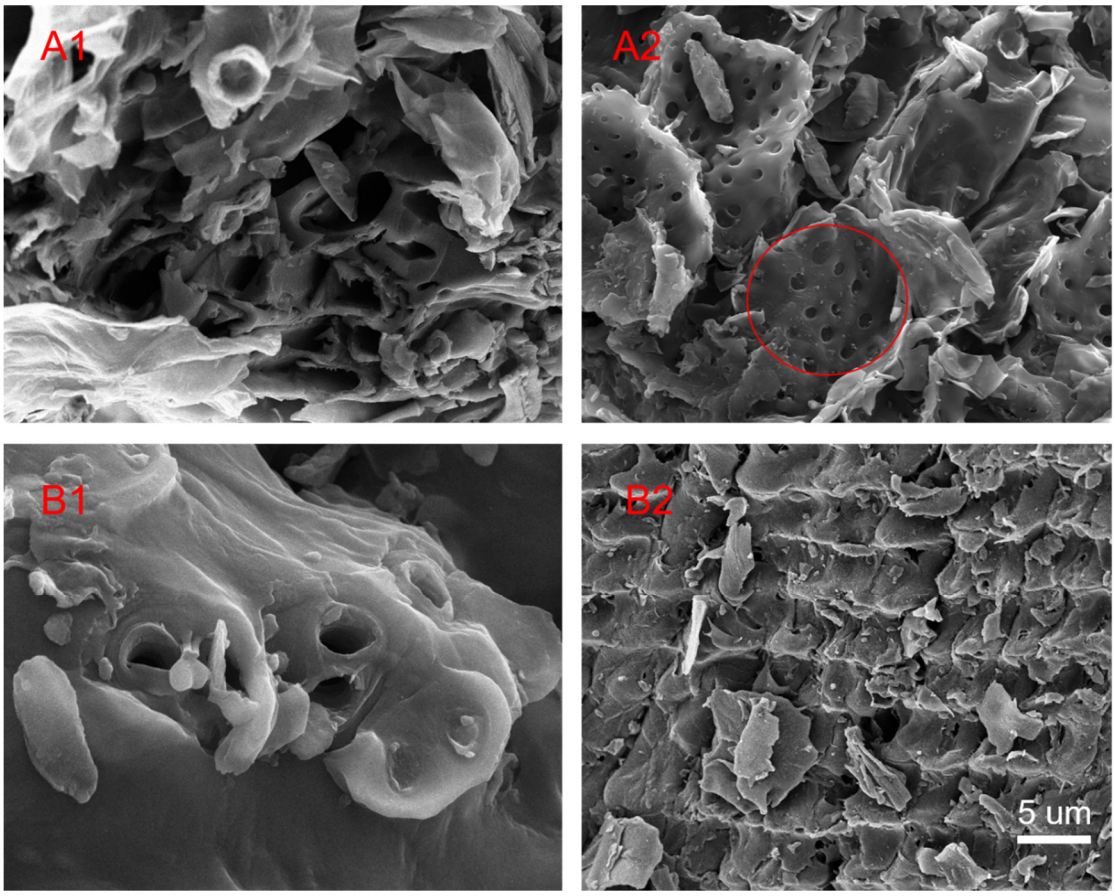



**Figure S1.** SEM spectra of Ca-PSB1 (A1 and B1) and Ca-PSB2 (A2 and B2).

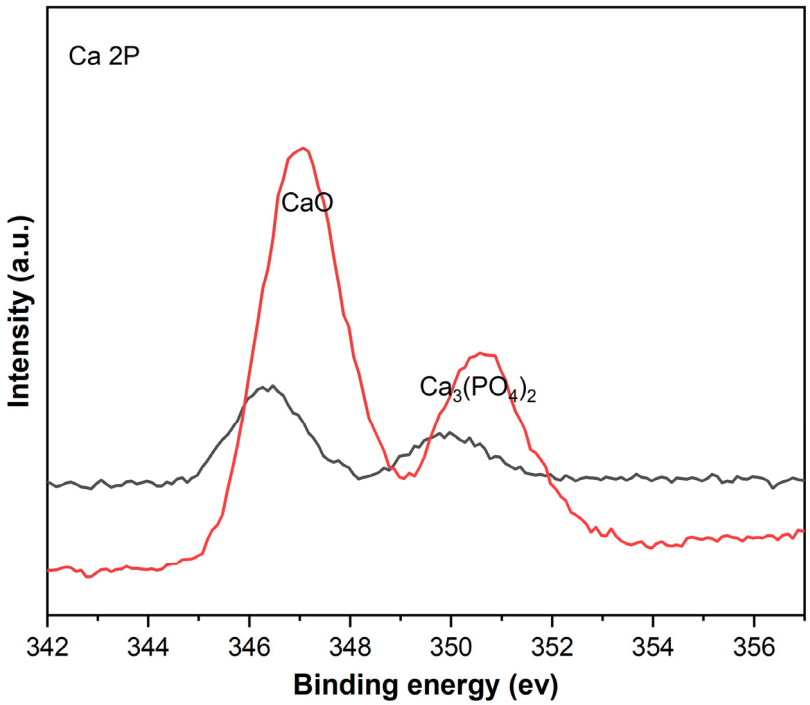



**Figure S2.** XPS spectra of Ca 2p of Ca-PSB after P adsorption.

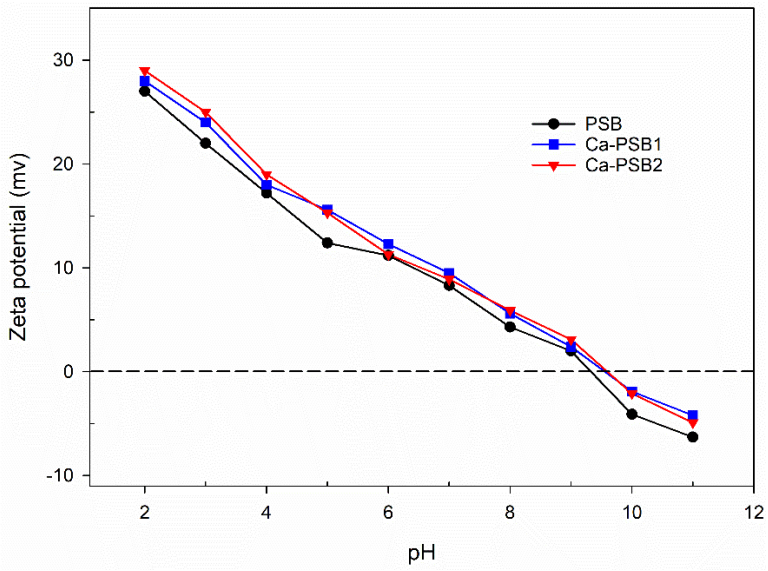



**Figure S3.** Zeta potentials of PSB, Ca-PSB2, and Ca-PSB2.