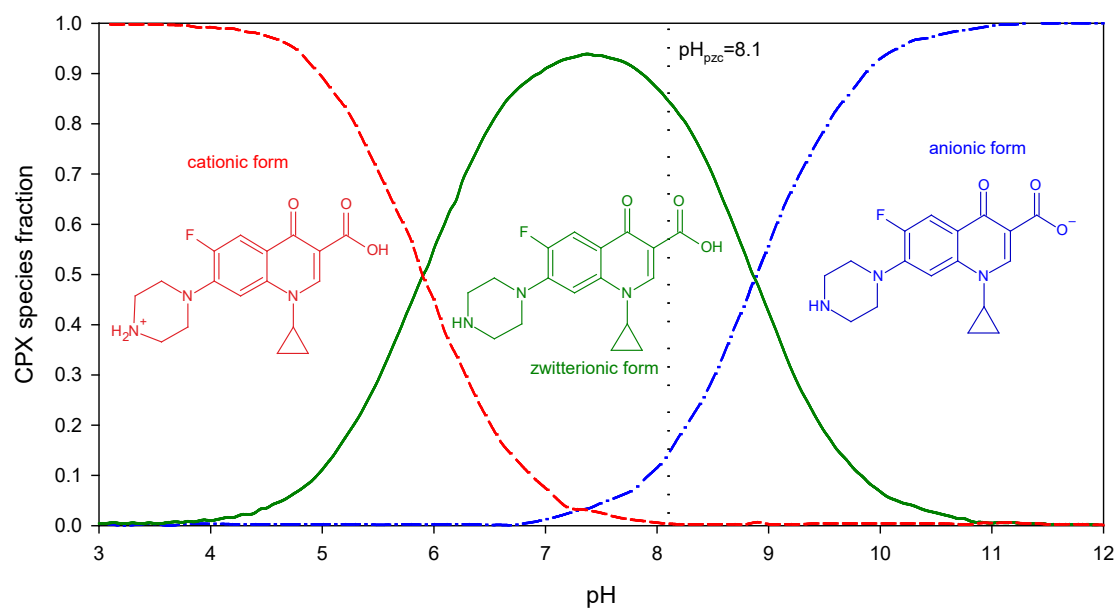
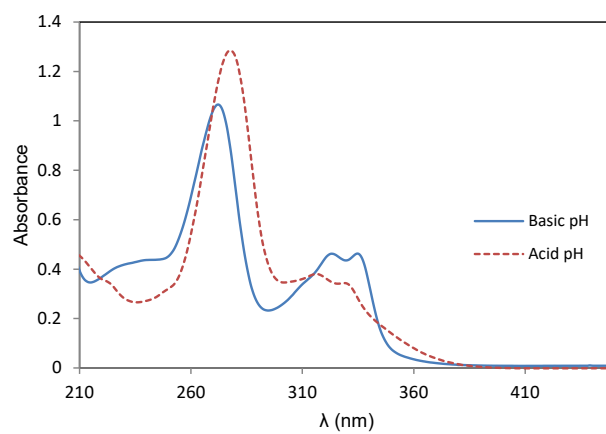


## Supplementary Information



**Figure S1.** CPX speciation as a function of pH and  $pH_{pzc}$  of  $K_2CO_3$  activated biochar



**Figure S2.** Absorption spectra of CPX solutions ( $10 \text{ mg} \cdot \text{L}^{-1}$ ) at acid or basic pH