**Adsorption/desorption characteristics of novel Fe3O4 impregnated N-doped biochar (Fe3O4@N/BC) for arsenic (III and V) removal from aqueous solution: Insight into mechanistic understanding and reusability potential**

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**Figure. S1**. The SEM images of all tested adsorbents **(a, b, c)** N/Fe3O4@BC **(d, e, f)** BC and **(g, h, i)** MNPs of pristine, As(III) and As(V) loaded samples.