

Supplementary Information

Diversity of immobilized bacterial communities and nitrates removal by instantaneous heterotrophic denitrification treating nitrate-polluted water using 3D-BERs-GAC: Effects of pH and COD/NO₃⁻-N ratio

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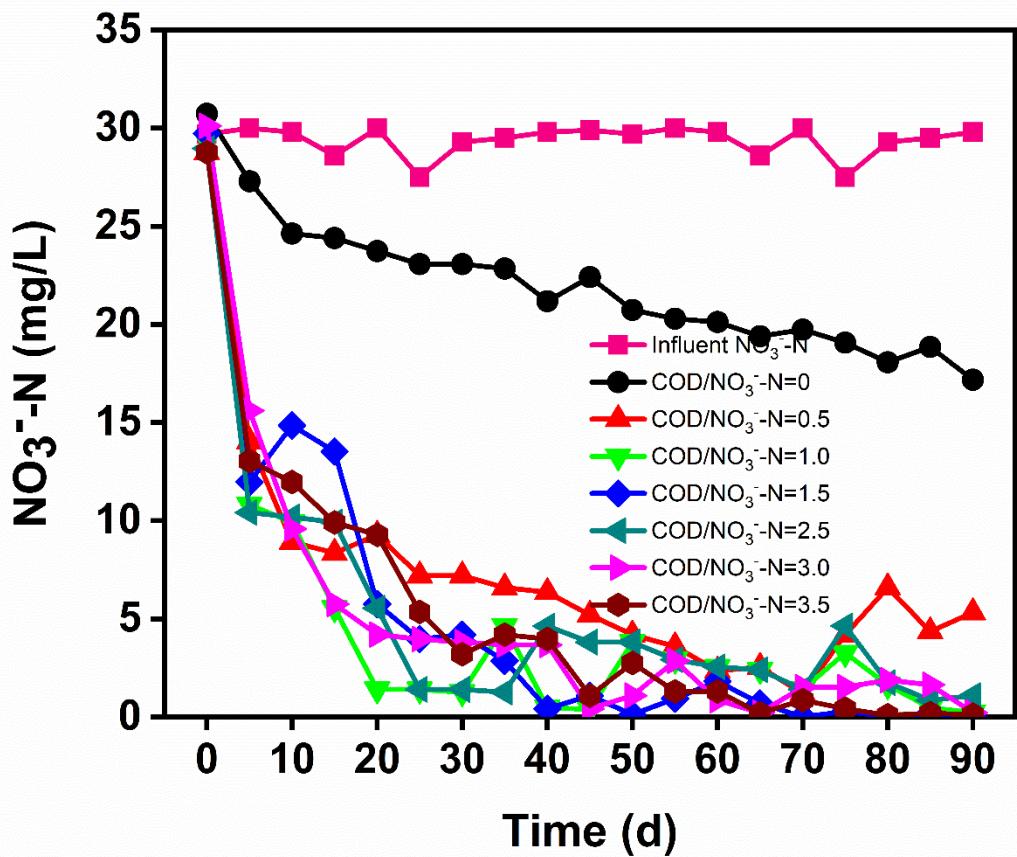
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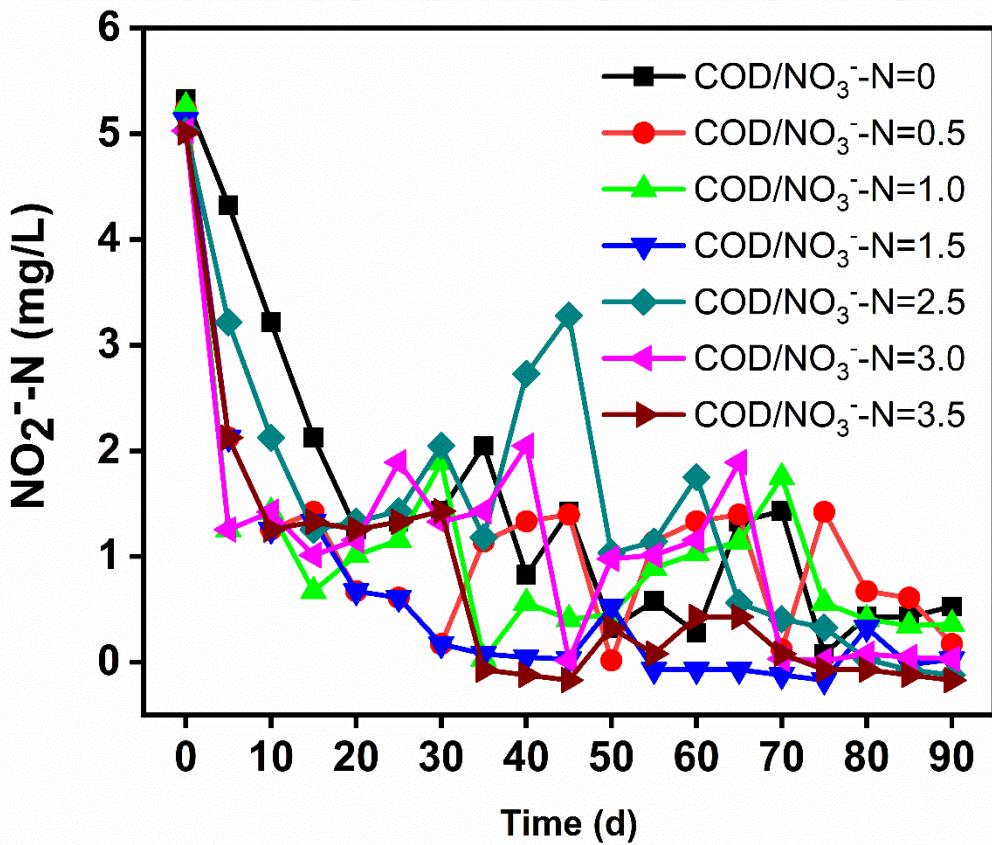


Fig.S1. The changes of nitrate and nitrite concentration during acclimated phase at variation of carbon to nitrogen ratio during heterotrophic denitrification process, under the experimental condition: i.e., $\text{pH}=7.5\pm0.4$, initial concentration of NO_3^- -N = $30\pm0.2\text{ mgL}^{-1}$, and the ratio of COD/ NO_3^- -N was 0-3.5, respectively.