

Supporting Information

Unveiling the interaction mechanisms of key functional microorganisms in the partial denitrification-anammox process induced by COD

Guangjiao Chen¹, Lan Lin³, Ying Wang¹, Zikun Zhang¹, Wenzhi Cao^{1,2}, Yanlong Zhang (✉)_{1,2}

1 Key Laboratory of Marine Environmental Science, College of the Environment and Ecology, Xiamen University, Xiamen 361102, China

2 Fujian Key Laboratory of Coastal Pollution Prevention and Control (CPPC), College of Environment and Ecology, Xiamen University, Xiamen 361102, China

3 Department of Civil and Environmental Engineering, Graduate School of Engineering, Tohoku University, Sendai, Miyagi 980-8579, Japan

✉Corresponding author
E-mail: ylzhang@xmu.edu.cn

Table S1. MLSS and MLVSS of sludge at different phases.

Phase	Time(days)	SS(g/L)	VSS(g/L)	VSS/SS (%)
II	57	10.43	4.75	45.96
III	113	11.25	5.02	44.62
IV	121	12.32	5.33	43.26
VI	151	11.265	5.13	45.54
VII	176	10.765	4.58	42.55

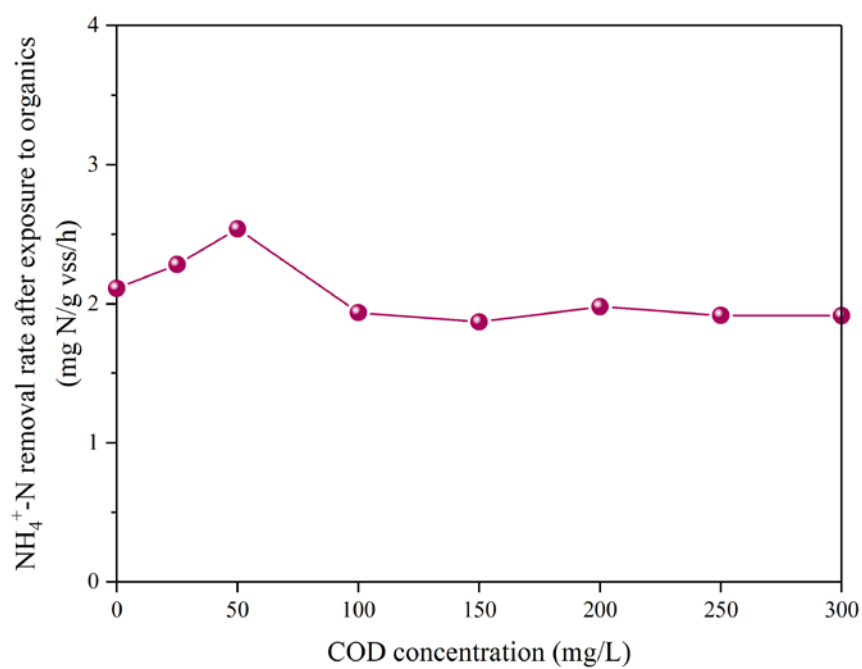


Figure S1. $\text{NH}_4^+\text{-N}$ removal rate after exposure to organic matter.