

Stable nitrogen isotopic composition ($\delta^{15}\text{N}$) of dissolved organic nitrogen (DON) in the South China Sea

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Dissolved organic nitrogen (DON) represents an essential N pool, and its stable isotopic composition ($\delta^{15}\text{N}$) may provide unique insights into marine N cycle. However, few results of DON $\delta^{15}\text{N}$ have been reported to date in the global ocean. In this study, we will report DON $\delta^{15}\text{N}$ values in the upper layer waters of the South China Sea (SCS), which is the largest marginal sea west of the Pacific Ocean.

Keywords: South China Sea, $\delta^{15}\text{N}$, DON