

# Oysters Lit Review - Miller, K

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## **Summary of Ray & Fulweiler paper, “Meta-analysis of oyster impacts on coastal biogeochemistry”**

Oyster aquaculture increases the cycling of nitrogen in marine systems by stimulating denitrifying bacteria and archaea. This improves water quality, with the trade-off of releasing a small amount of nitrous oxide (N<sub>2</sub>O) into the atmosphere (Ray and Fulweiler 2021).

## **Citations**

Ray, Nicholas E., and Robinson W. Fulweiler. 2021. “Meta-Analysis of Oyster Impacts on Coastal Biogeochemistry.” *Nature Sustainability* 4 (3): 261–69. <https://doi.org/10.1038/s41893-020-00644-9>.