

# Nitrous oxide emission from denitrification in stream and river networks

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films can produce  $O_2$  at the sediment–water interface, resulting in strong redox gradients more akin to those in partially wetted soils. Thus, streams may have variable and often high  $N_2O$  yields, similar to those in soils (11). The  $N_2O$  yield in headwater streams







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