

# Nitrous oxide emissions and biogeochemical responses drying-wetting

Soil Biology and Biochemistry

117, 5-15

DOI: [10.1016/j.soilbio.2017.10.040](https://doi.org/10.1016/j.soilbio.2017.10.040)

Citation Report

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| 1  | Drying and Rainfall Shape the Structure and Functioning of Nitrifying Microbial Communities in Riverbed Sediments. <i>Frontiers in Microbiology</i> , 2018, 9, 2794.   | 3.5 | 37        |
| 2  | Modeling nitrous oxide emissions from rough fescue grassland soils subjected to long-term grazing of different intensities using the Soil and Water Assessment Tool (SWAT). <i>Environmental Science and Pollution Research</i> , 2018, 25, 27362-27377. | 5.3 | 16        |
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| 4  | High soil microbial activity in the winter season enhances nitrogen cycling in a cool-temperate deciduous forest. <i>Soil Biology and Biochemistry</i> , 2018, 124, 90-100.  | 8.8 | 83        |
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| 8  | Enhanced efficiency nitrogen fertilizers maintain yields and mitigate global warming potential in an intensified spring wheat system. <i>Field Crops Research</i> , 2019, 244, 107624.   | 5.1 | 32        |
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| 15 | Comparison of two gap-filling techniques for nitrous oxide fluxes from agricultural soil. <i>Canadian Journal of Soil Science</i> , 2019, 99, 12-24.   | 1.2 | 12        |
| 16 | Assessing the effects of manure application rate and timing on nitrous oxide emissions from managed grasslands under contrasting climate in Canada. <i>Science of the Total Environment</i> , 2020, 716, 135374.   | 8.0 | 22        |
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