

## ***Interactive comment on “Quantifying Global N<sub>2</sub>O Emissions from Natural Ecosystem Soils Using Trait-Based Biogeochemistry Models” by Tong Yu and Qianlai Zhuang***

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In line 15 on page 6, the authors wrote that "In addition, the processes of N deposition, mineralization, and denitrification were also modeled." The detailed modeling approaches for these processes might have been included in the previous publication of the TEM model already, but I think the authors perhaps should present them at least briefly here. Especially, I cannot find how the authors obtain the N deposition data. And how it is incorporated in the models.

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