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I am biologist with Master's degree in Ecology at University Federal of Rio de Janeiro (UFRJ) and currently a PhD student in Geochemistry at University Federal Fluminense (UFF; RJ/Brazil). My research is about soil nitrogen cycle in tropical ecosystem as Atlantic and Amazon forests, focus on nitrogen transformations and nitrous oxide production and emission and regulating factors of them. The main objective of my research is to increase our understanding of how the N dynamic works in tropical terrestrial ecosystems and how they will respond to, and affect, climate change.