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I am graduated in Biological Sciences since 2013 by University of São Paulo (USP), Brazil. I am master in Sciences (Chemistry in agriculture and environment) since 2015 by Center of Nuclear Energy in Agriculture (CENA), University of São Paulo (USP), Brazil. Now I am a PhD student in Sciences (Chemistry in agriculture and environment) in the Center of Nuclear Energy in Agriculture (CENA), University of São Paulo (USP), Brazil. I basically study the community of aquatic macroinvertebrates in headwater streams and your modification by changes in cover and land use in the Atlantic Forest. In addition I use stable isotopes to study the carbon and nitrogen cycling in the community. So, how I work with ecology of aquatic ecosystems comparing agricultural and natural areas, is very important the deeper understanding about nitrogen cycle and how your excess ends up polluting and modify the environment. Summarizing, I am interested in a better understanding of nutrient cycling in general, in this case, the nitrogen cycle.