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I am currently a 2nd year Master's student, working under the supervision of Dr. Maren Oelbermann, within the School of Environment, Resources and Sustainability at the University of Waterloo, in Waterloo, Ontario, Canada. I received my Bachelor of Science in Environmental Sciences from the University of Guelph in 2014, concentrating on soil science and entomology. My thesis project focuses on the effect of nitrogen-based fertilizers on soil-derived N<sub>2</sub>O and CO<sub>2</sub> emissions from willow (*Salix* spp.) plantations grown for use as a biofuel. I would like to continue my research highlighting the influence of nitrogen on soil-derived greenhouse gas emissions, soil chemistry and biology, and how agroforestry systems can ameliorate possible environmental disservices derived from the use of N in the future.