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My name is Brian Redder and I am currently pursuing a master's degree in Forest Resources at The Pennsylvania State University in the United States. I previously attended Hartwick College, also in the US, where I received bachelor's degrees in both Environmental Chemistry and Mathematics. My areas of research are focused on hydrology, biogeochemistry, and water quality. My current research focuses broadly on impacts of agricultural practices on nitrogen input through groundwater/surface water interactions. The concentration of the work is specifically on quantifying nitrogen transport from groundwater seeps, in two long stream reaches in an agricultural watershed. Past research topics of mine include work on nutrient content and mobility in soil, soil water, and surface waters in forested areas.