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I am currently enrolled in the M.S. Hydrology program through the Graduate Program of Hydrological Sciences at University of Nevada, Reno. I am working with Dr. Scott Allen, and my research focuses on better understanding water storage in forest canopies across various ecosystems and climates. I am using remotely sensed data and ground-based sensor networks to train statistical and mechanistic models of canopy interception towards predicting global variations in interception loss as a function of vegetation structure and meteorological conditions. This may be used to improve water budgets and estimates of water availability in Earth Systems Models.

I plan to complete my degree in 2023, and pursue a career related to better understanding and modeling physical hydrological processes to support stakeholders in evaluating and managing water resources. I want to contribute to ensuring long-term sustainable access to clean water for all communities, especially in the face of a changing climate and increasing anthropogenic activities.