

Aidan (they/them) received their bachelor's degree in ecology from the University of Colorado at Boulder. They worked in environmental science communication in Arizona and Colorado before coming to the University of Nevada Reno to study ecohydrology as a PhD student in UNR's Graduate Program of Hydrologic Sciences. Aidan utilizes a range of remote sensing, modeling, and observational techniques in their current research, and they aspire to use these varied and fast-improving tools as a research scientist in a career studying place-based solutions for managing and preserving mountain and desert watersheds transitioning to a warmer world.

Aidan's doctoral research explores how disturbed and managed forests interact with changing snowpacks in the mountain west. As a NVSGC Fellow, Aidan is teaming up with USGS researchers and using high-resolution snow and forest canopy data from NASA's Airborne Snow Observatory to determine how recent beetle-induced tree mortality in the Upper Rio Grande watershed has effected snow water resources. They will use modeled results to improve watershed scale predictions of snowmelt from beetle-effected forests throughout the region.