

## **Ryan Currier**

National Oceanic Atmospheric Administration

William “Ryan” Currier is a research hydrologist for the National Oceanic Atmospheric Administration (NOAA) studying how changes in climate affect water resources, as well as snow hydrology, and hydrologic forecasting. Dr. Currier received his Ph.D. from the University of Washington in 2019, where he studied snow hydrology, remote sensing, and mountain meteorology. Afterwards, he moved to NCAR to work with Dr. Gutmann on climate downscaling methods and hydrologic modeling before starting his position at NOAA.

Ryan is presenting some work by **Ethan Gutmann**. Ethan Gutmann is a hydrometeorologist at the National Center for Atmospheric Research studying the effects of changes in climate on water resources, orographic precipitation, and snowpack. Dr. Gutmann got his PhD from the University of Colorado in 2008 studying soil properties, remote sensing, and evaporative processes. He then moved to NCAR developing new ways to measure snow using GPS and Lidar and examining different methods of modeling future regional climate impacts. He has been an author on 50 peer reviewed scientific publications and is the lead developer for both the Intermediate Complexity Atmospheric Research model (ICAR) and the Ensemble Generalized Analog Regression Downscaling package (En-GARD).