

Lucas Barrett

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Lucas Barrett is a Hydrologist and Lead Modeler at the Bureau of Reclamation's Albuquerque Area Office. Lucas has a Master's degree in Atmospheric and Environment Science from the South Dakota School of Mines and Technology where his research focused on using WRF-Hydro to analyze impacts of beetle kill and forest fires on the hydrology in the Black Hills of South Dakota. In his current position, he provides RiverWare modeling expertise and development for studies and operations in the Rio Grande and Pecos Basins. During his time at Reclamation, he has worked on long term climate studies, in the form of the Rio Grande and Pecos Basin Studies, preformed forecast model runs that are used by water managers and stakeholders to plan out annual water operations, and worked on projects with researchers from diverse agencies and affiliations.