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Mr. Muhlestein is the Senior Geographic Information Systems (GIS) Analyst for Applied Weather Associates (AWA). Mr. Muhlestein has been an AWA team member since 2006 and has over 10 years of experience in the GIS field. He has designed, coordinated, and implemented numerous GIS projects essential to the development and analysis of PMP for AWA. A Master of Arts in Applied Geography with an emphasis on Geographic Information Systems was earned by Mr. Muhlestein from the Department of Geography and Environmental Studies at the University of Colorado at Colorado Springs. His thesis was titled "An Evaluation of a GIS Based Procedure for Estimating Probable Maximum Precipitation over the Piru Creek Basin". Mr. Muhlestein completed a Bachelor's of Science in Geology at Southern Utah University (SUU) where he also earned a Certificate in Geographic Information Systems. While attending SUU, Mr. Muhlestein was employed as a GIS technician and worked on the publication of geologic maps for the Utah Geological Survey. Previous to his experience in the GIS field, Mr. Muhlestein worked as a whitewater expedition guide in Grand Canyon. Mr. Muhlestein has a great enthusiasm toward learning about, and contributing to, the knowledge of Earth Systems Science, with a particular interest in the hydrologic cycle. He enjoys spending time with family and friends in the wild places of the American West.