Quantifying long-term aeolian abrasion rates on hard rock surfaces

University of Texas at Arlington

This project is quantifying the erosion rate of ventifact surfaces - in Silver Lake and Garnet Hills, CA - using a combination of luminescence rock surface exposure dating and cosmogenic Be-10 and C-14 exposure dating. Together, the techniques should reveal long-term erosion rates at different scales on natural ventifacts.

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I am a 1st year PhD student at the University of Texas at Arlington.