

Tuesday, March 20, 2018

[T317]

**POSTER SESSION I: ENVIRONMENTAL ANALOGS I: AEOLIAN PROCESSES**  
**6:00 p.m. Town Center Exhibit Area**

Cardenas B. T. Kocurek G. Mohrig D. Hughes C. M. Swanson T. et al. **POSTER LOCATION #193**  
[\*Ancient Environmental Forcings Recorded in Aeolian Stratigraphy: An Earth Analog to Aeolian Strata on Mars\*](#) [#2971]

A detailed study of the aeolian Page Sandstone, AZ, USA, Earth, is demonstrated to be repeatable for aeolian sandstones on the surface of Mars.

Tate C. G. Moersch J. M. Ewing R. C. McCarty C. B. **POSTER LOCATION #194**  
[\*Detailed Morphology of Barchan Dune Movement from a Single Wind Event Using UAV-Acquired Images\*](#) [#2022]

We investigate Salton Sea Barach Dune movement from a single wind event using UAV-acquired images.

Lorenz R. D. Jackson B. Lanagan P. **POSTER LOCATION #195**  
[\*A Timelapse Camera Archive of Dust Devil Activity at Eldorado Playa, USA\*](#) [#1603]

Timelapse camera / Records devils come and go / Data free for all!

Reiss D. Raack J. **POSTER LOCATION #196**  
[\*Relationship Between Pressure Drop Magnitudes and Vertical Wind Speeds in Dust Devils\*](#) [#1488]

*In situ* measurements were performed in southern Morocco to find relationships between pressure drop magnitudes and vertical wind speeds in dust devils.

Jackson B. Lorenz R. D. Davis K. D. Lipple B. **POSTER LOCATION #197**  
[\*Using an Instrumented Drone to Probe Dust Devils\*](#) [#2662]

“Twister” in real life / Instrumented drones can probe / Active dust devils.