

2025 Spring Southern NM Dust Symposium

Hosted via

WebEx Teleconference

Visit [Link](#) to Register or Contact: armando.paz@env.nm.gov

Tuesday, April 22, 2025

9:00 am – 12:00 pm (Mountain Daylight Time)

11:00 am – 2:00 pm (Eastern Daylight Time)

- 9:00 – 9:05 Armando Paz, New Mexico Environment Department – Welcome/Opening
- 9:05 - 9:25 Tom Gill, University of Texas at El Paso – Dust in El Paso: What We Have Learned in the Last Five Years
- 9:25 - 9:45 Shaila Nazneen, University of Texas at El Paso – Investigating the effects of PM2.5 and Climatic Variables on Daily Diagnosed COVID-19 Cases in El Paso County, Texas
- 9:45 - 10:05 Magdalena Muir, Arctic Institute of North America and Bamfield Marine Sciences Centre, Dust Issues and Research for Western Canada, With a Focus on British Columbia, Alberta, and Western Arctic Region of Northern Canada
- 10:05 – 10:25 Nicholas Webb, USDA-ARS Jornada Experimental Range – Magnitude Shifts in Aeolian Sediment Transport Associated with Degradation and Restoration Thresholds in Chihuahuan Desert Ecosystems
- 10:25 – 10:40 Break
- 10:40 – 11:00 Brandon Edwards, Jornada Experimental Range – Windblown Sediment Transport and Dust Emission Observations at the Lordsburg Playa, New Mexico
- 11:00 – 11:20 Scott Van Pelt, Dust Alliance for North America, - Economic Costs of Wind Erosion in the United States
- 11:20 – 11:40 Karin Ardon-Dryer, Texas Tech University – Efficiency of Low-Cost Sensors to Detect Dust Events
- 11:40 – 12:00 Morgan Gorris, Los Alamos National Laboratory, Valley Fever in New Mexico and the Dust-Borne Atmospheric Transport Hypothesis
- 12:00 Armando Paz, New Mexico Environment Department - Farewell/Closing

Participating Agencies:

