

Innovation Exchange

Conversations Launching Change

Presented by the Federal Highway Administration Local Aid Support

Dust Palliatives for Unpaved Roads – Case Studies and Lessons Learned

Tuesday, May 17, 2022 | 2:00 - 3:30 p.m. ET

Dust palliatives are agents or mixtures that are applied to unpaved roads to reduce airborne dust. The amount of dust, and therefore the type of palliative - or road stabilizer, depends on the climate, amount of precipitation, and surface disturbance. Fugitive dust is known for its impacts to human and wildlife health, yet palliatives also come at a risk of environmental harm. Palliatives can be expensive and can erode quickly if not applied correctly for the right soil conditions. For these reasons, the U.S. Geological Survey and practitioners from the field will provide lessons learned from research pilots and case studies.

For questions, contact Karyn Vandervoort with FHWA's Office of Federal Lands Highway at karyn.vandervoort@dot.gov



Photo credit: U.S. Geological Survey

No registration required.

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