Re-vegetation of land: viable solution but arid climate presents challenges
Predictability can be leveraged to make sure equipment and resources are in place at the appropriate time

Mitigation is where rubber meets the road. How to make it sustainable?

Health/Valley Fever issues: Any new info on Valley Fever status, investigations, etc…? UA VF Center of Excellence is a resource worth investigating. Some research has been done looking at past dust events vs instances of Valley Fever but no 1:1 correlation

NRCS Soil interpretation page. Could use to determine if you're in an area of elevated exposure. Web Soil Survey.

Also some work done in parts of California (Bakersfield) - signage to inform folks they may have been exposed. Kern Co California (reach out for future workshops).

Any research being done on what happens to scrub land if drought continues? Can we identify areas that will become more susceptible over time?

In addition to new NWS Dust Storm Warnings - any new developments (tools/capabilities) to model or forecast dust events? UA WRF model can resolve convective outflows and potential for dust. There are a variety of solutions out there and more research to be done. RAP/HRRR has improved depiction of outflows. Can leverage this in the short term to improve lead time.

Connect with other Valley Fever groups (include at this conference)

Centralized location to collect dust reports (TOC?) and relay to NWS for warnings and ADOT for traffic mgmt? Waze can do some of this (challenge to do while driving). mPING another option (but no option for dust). Leverage speech to text capabilities/

Pitch to anyone who has connections to the autonomous vehicle industry

Create a spotter network and deploy them to the area of greatest dust storm potential? Storm spotters have been trained to report dust when they see it, depends if they're around to see it in the first place. AZ chaser community does a great job communicating what they see. Exponential increase in social media spotter reports of dust in last 10+ years.

Automated ways to scour social media or other datasets for relevant storm reports, reductions in speed. Public/private opportunities may exist to make this happen in the interest of public safety. What AI solutions can we leverage now?