Active Response discussion:

- Dust problem is complex - flooded Playa, yet dust channels still occur on adjacent lands
- Webcams useful. GOES-16/17 also useful, as long as clouds not present
- Different definitions for localized dust channel events vs. large scale events. Part of the reason NWS is expanding to 4 dust products. NWS uses public reports, SKYWARN spotters to relay reports to the office in real-time. Hard to get reports in such a data-void area. ADOT Dust Detection project should help fill some of these gaps
    - NWS: Would be ideal to have automatic notification if sensor detects poor vsbys. Auto-notifications could be useful for regulatory agencies as well (Action item before beginning of monsoon 2018)
- UDOT has a system of VSL's that are changed as needed based on coordination between traffic engineer and meteorologist. Also trying to provide specific information to drivers (i.e. winds gusting to 60mph ahead, blowing dust 5mi ahead, etc…)
- VSL's in Utah are enforceable, most drivers adhere to lowered limits. Some still speed regardless
- DPS: Large gap exists in message boards along I-10 EB leading up to Eloy, MM204. What are other ways to get the message out to drivers? Cell phones not the answer while driving
- Suggestion from last year was to reach out to autonomous vehicle industry. Still working to make connections for next year's workshop
    - Same idea for trucking industry
- NWS: Would be **extremely interested** in obtaining X-band radar data in area of I-10/SR-87
    - Navigator?
    - FTP feed will be available as well
- Cameras - will also be available for media and others through existing channels
- Research opportunities? Either in active response or mitigation
- Would insurance companies be interested in participating in future workshops?
- Groups are identifying locations of dust-prone plots of land. Would be helpful if these locations were shared w/ NWS and ADOT (and others). Utilizing dust report forms could be one avenue for information sharing.

Mitigation discussion:

- Communication strategy: Are the correct contacts in place for all agencies?
- Would be nice to have real-time communication in place if dust is seen. Can then contact land owner or responsible party to begin mitigation actions
- Some challenges in New Mexico - lack of rules regarding mitigation
- Arizona - can contact land owners and begin a discussion/outreach for vacant/private lands
- Ag Best Management Practices.
- Challenges exist tracking down dust sources - which specific farm/plot of land did dust originate from? Real-time reports are extremely valuable in these cases
- I-10 group: Identify all land owners and contact them, determine what activities are taking place on each plot of land (farming, grazing, etc..)

- Emission inventories exist for PM-10 Non-Attainment areas
- Next step for I-10 group. Need reports of dust in real-time, MM190 is next step. Identify land owners, land use, collecting data
- Parallels drawn between Dust Bowl in the ‘30s and ongoing AZ/NM dust problem. Working together solved the problem 80-90 years ago, partnerships important solving our current problem
- Outreach materials available? NRCS has info, Best Mgmt Practices. I-10 group still mapping out mitigation resources and compiling info
- Add dust mitigation resources to dust workshop website
- How to take advantage of folks offering “free trials” or mitigation products/solutions?
    - City of Las Cruces provided some land for testing.Results shared with regional builders
    - Had a legal team in place
    - NMSU is a Land Grant Univ - UA as well. Research/grant opportunities?
- Update on San Simon dust parcel: still an open case w/ ADEQ. Still very much in contact with land owner