

Fire & Smoke Technology for Social Resilience

Critical knowledge and gaps

Everyone is exposed to smoke,
orders of magnitude more than FIRE

- 1) Adequacy of resources/training for wildland fire smoke
- 2) Investment into smoke monitoring (more than PM) and display tools including concurrent messaging (Heat and Smoke)
- 3) Education of decision-makers (IMT, AA's, AQ and Health Dept)
- 4) Incorporation of smoke into decision-making
- 5) Optimization of existing tools and systems (CWPP, Fire & Smoke Map, smoke response efforts for wildfire)
- 6) Finer scale meteorological models
- 7) Public health and outdoor worker/fire personnel (effects, protection, communication/language/methods)