

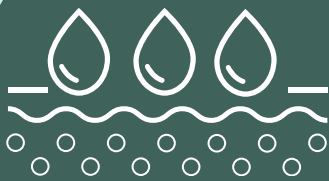
SOIL/FUEL MOISTURE FOR IMPROVING WILDFIRE MANAGEMENT

NEED



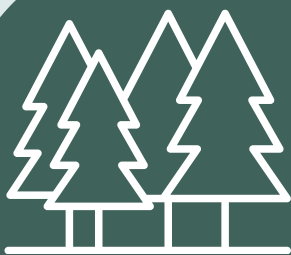
- Wildfire danger ratings use weather metrics of drought
- Soil moisture may be a better predictor of drought and live and dead fuels

QUESTIONS



- Can soil moisture predict fuel moisture content in managed AZ forests?
- Can soil moisture improve fire danger rating systems in northern Arizona?

OUTCOMES



- Use real-time soil moisture data to update fire predictions and warnings
- High-resolution maps of forest drought and fire risk across AZ

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