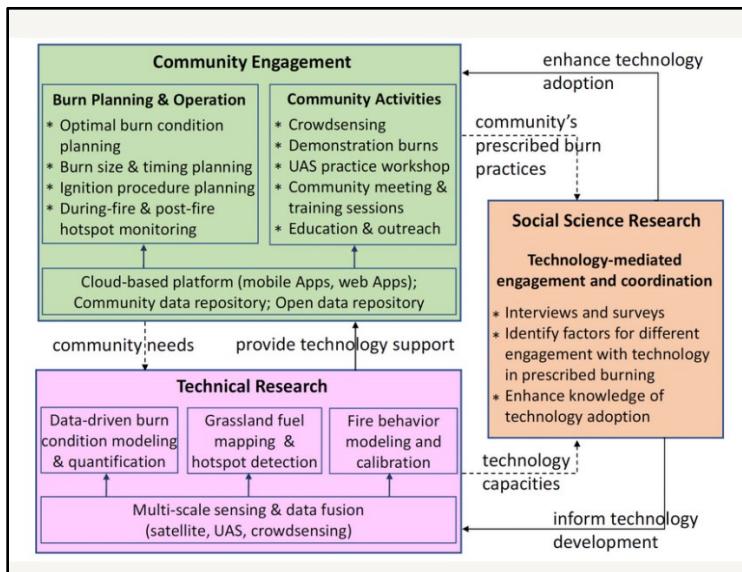


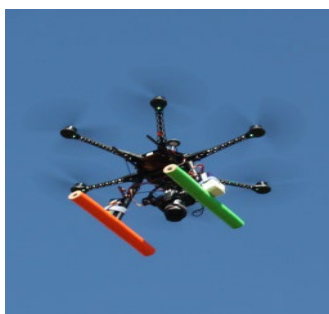
Smart and Safe Prescribed Burning for Rangeland and Wildland Urban Interface Communities



Growing season demonstration burn

Community Engagement Activities

- **Crowdsensing**
 - Gathering information from PBA regarding environmental conditions and fire behavior during prescribed burn
 - Wind speed & direction, relative humidity, temperature, fire ignition, fuel amount & moisture, rate of spread, acres burned smoke issues, etc.
- **Collaborate on demonstration burns including participation by students**
- **Unmanned Aerial System (UAS) practice workshop**
- **Community meeting & training sessions**
 - Attend annual meetings of PBAs
 - Survey PBA members to determine training needs
 - Provide training upon requests from PBA
- **Education and Outreach**
 - Assist local high schools in developing teaching modules on prescribed burning
 - Plan and conduct a meeting on prescribed burning for the general public



UAS (Unmanned Aerial System)



Kestrel pocket weather meter