WALDO CANYON FIRE: POST-FIRE MITIGATION REVIEW

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Colorado Springs Fire Department
City of Colorado Springs

- 416k+ residents
- Military
  - USAFA
  - CMAFS (NORAD)
  - Fort Carson
  - Peterson/Shriever AFB
- 28,800 acres
- 36,485 homes
Fire History

- Big Burn of 1854
- Westwood Fire 2005 (35 ac)
- Manitou Incline Fire 2007 (30 ac)
- TA 25 Fire 2008 (1000 ac)
Wildfire Hazard Risk Assessment

- WHINFOE
- 25 weighted values
- Lot level
- Insurance
- Neighbors
- Scale
Code and Development Review

- Enforcement
- Front end of new development
- Hillside Ordinance
- Building characteristics
- Class A Roofing Ordinance
Education Outreach

- Neighborhood meetings
- Onsite Consultations
- Volunteer Projects
- Information Packet
- Champion Recognition
Grant Administration

- $2.7 + mil
- $1.7 mil pending
- Funding Sources

Private Foundations

Local / Corporate

State / Federal
Fuels Management

- Neighborhood Chipping
- Seasonal Crew
- Contracting
- 5824 ac
Monitoring

- Fuels Moistures
- Fire Weather
- Fire Danger
- Restrictions/Ban
Initial findings:

- Fuel loading
- Spotting/Branding
  - Cedar Fencing
  - Roofs
  - Decks
- Exposures
- Conflagration
Roof Type

- Red - Combustible
- Green – Class A
Siding

- Purple – Masonry, concrete or stucco
- Light Blue – composite lap
- Pink – wood
Wildfire Hazard Risk Rating

- Moderate – High
- Relative risk model
Waldo Canyon Fire

Risk assessments

- Extreme: 0
- Very High: 39
- High: 113
- Moderate: 191
- Low: 0
- UNK: 2
Loss / Damage

• 345 Lost, 47 Damaged
• Shake shingle: 76
• 82% save rate (1928)
• 46 participants
• 14 destroyed
  (less than 1/3)
Cedar Heights
Cedar Heights
Darien Way
Darien Way
Shake Shingle Roofs

- Class A
  - Ordinance 2003
  - Pre-Waldo: 55,209
  - Since Waldo: 13,706
  - Currently 68,915
  - 2,200+ residences
Post-Fire

Reconstruction

- Insurance
- Collaboration
- Permits 110 / 2

Code updates

- Vegetation
- Construction
- Costs 0-2%
- 5:2
Evacuation

- Survey respondents 52/125 (41%)
- Mitigation 38/52 (74%)
- Notifications
- Timing
- Pets
- Communications
Contact Information / Questions

http://csfd.springsgov.com
(CSFD Wildfire Risk Assessment map)

http://gis.springsgov.com/wildfiremitigation

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