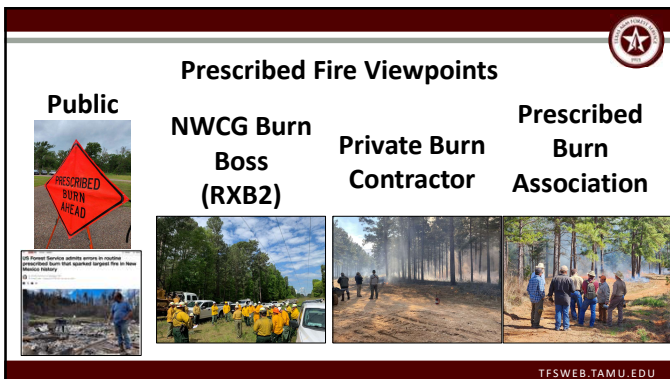




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2



3

Our Forests and Rangelands Require Both of These

Rain

Fire

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4

5 Day Point Rainfall Amounts in Inches

Harvey continued to produce record breaking rainfall totals of **45 to over 50 inches...** with continued rainfall

Cedar Bayou	- 51.88
Berry Bayou	- 44.88
League City	- 49.84
Mary's Creek	- 49.80
Goose Creek	- 44.08
Greens Bayou	- 41.36
Buffalo Bayou	- 35.60
Addicks Dam	- 33.44

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5

Panhandle 2024 "Firestorm"

- On 2/26/2024 the Smokehouse Creek Wildfire ignited and in 2 days burned 1,054,153 acres. The Windy Deuce fire also burned 143,302 acres in that time.
- 2 fatalities
- Est. 500 structures burned
- 12,000 cattle
- \$68.7 million in ranch infrastructure

Largest Fire in State History?


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Historic but not "Unprecedented"

"In the fall of 1895 another great fire broke out in the Arkansas River country near the Colorado-Kansas line, swept south, jumped the Cimarron, and struck along a wide front of the Texas Northwest Panhandle. An observer said that it looked as if all of the Oklahoma Strip and the Texas Panhandle were on fire. The fire burned out in the breaks of the South Canadian." (4th Tall Timbers Fire Ecology Conf. Proceedings- Wildfires in the Great Plains Grasslands, A.S. Jackson 1965)

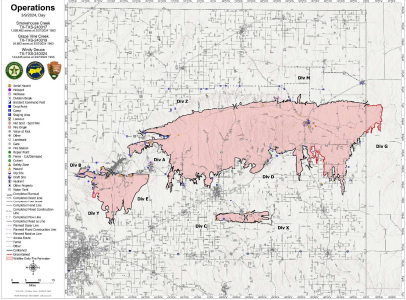
- Other Historic Fires
 - The Big Burn 1910
 - 3 Million Acres
 - Great Michigan Fire 1871
 - 2.5 Million Acres
 - Peshtigo Fire 1871
 - 1.2 Million Acres
 - 400-2,500 fatalities
 - Great Fire- Oregon 1845
 - 1.5 Million Acres
 - Texas- XIT Ranch records 1894
 - 768,000 acres



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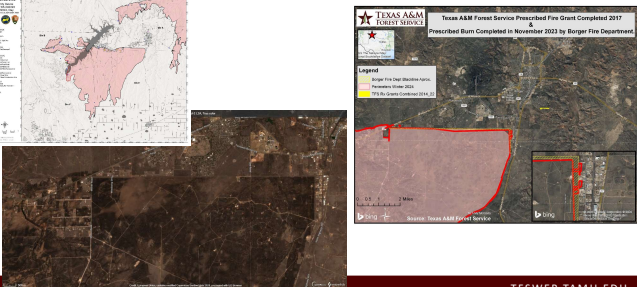
Operations



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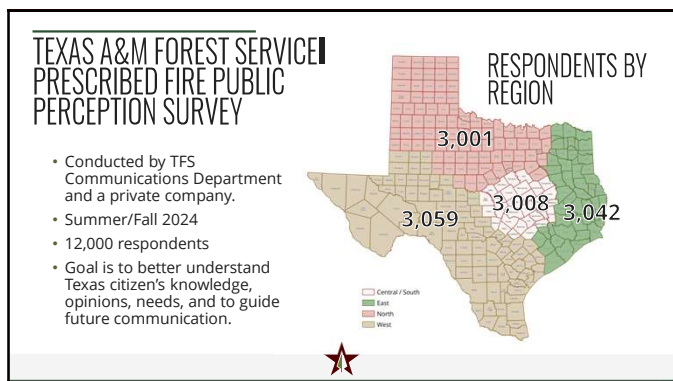
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Borger Fire Dept.-6666's Blackline

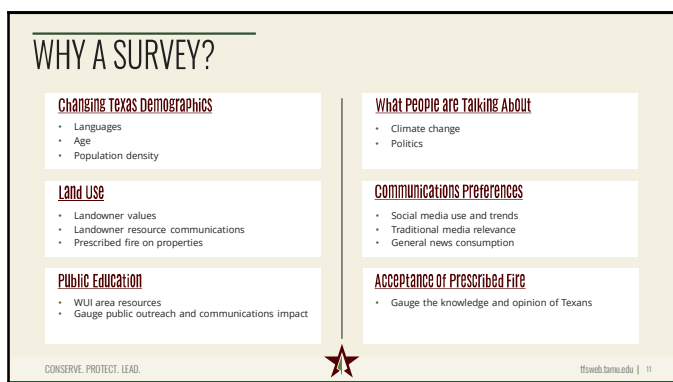


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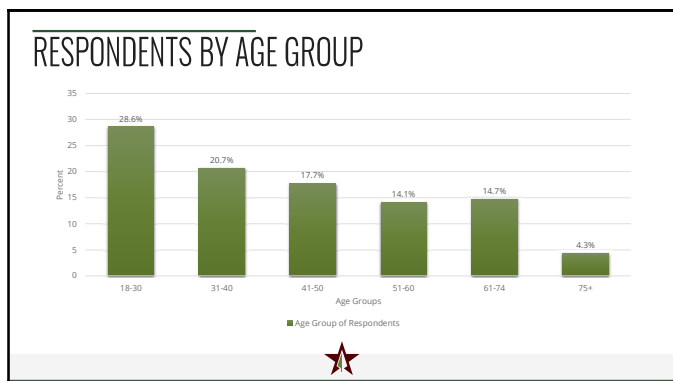
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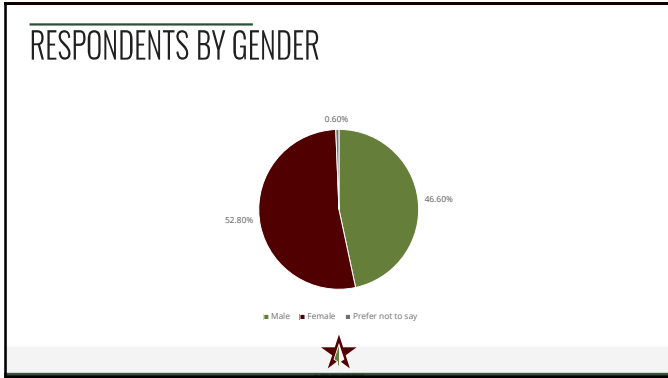
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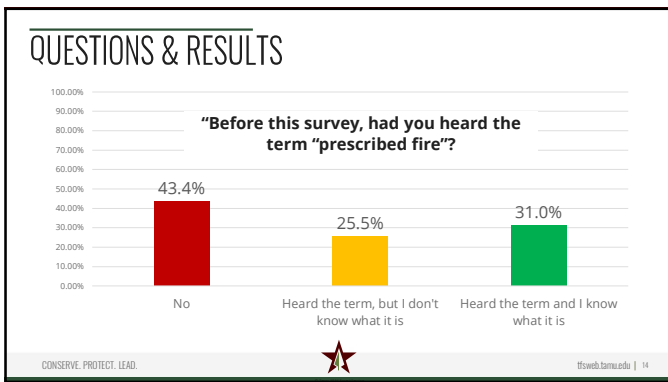
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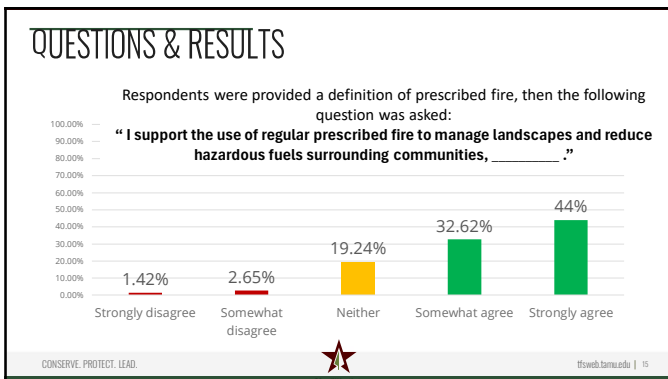
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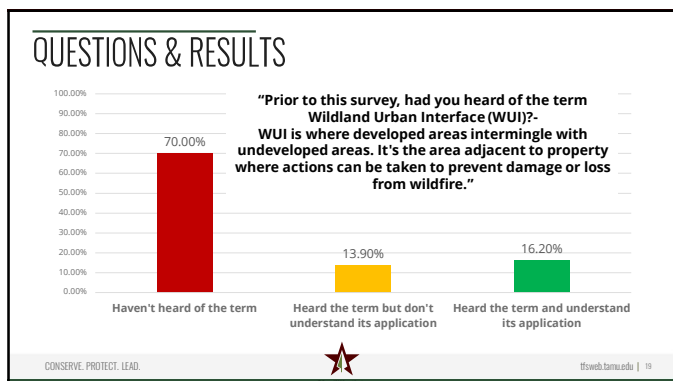
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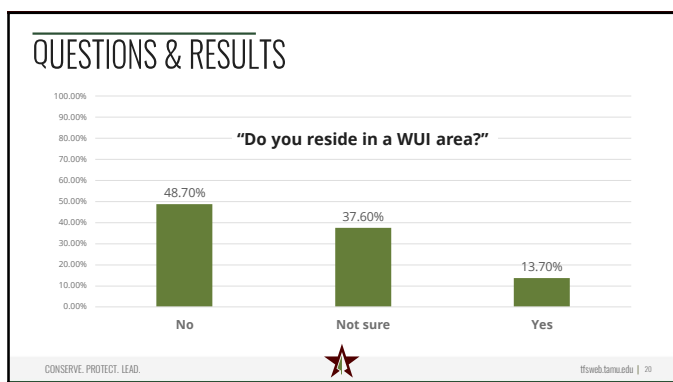
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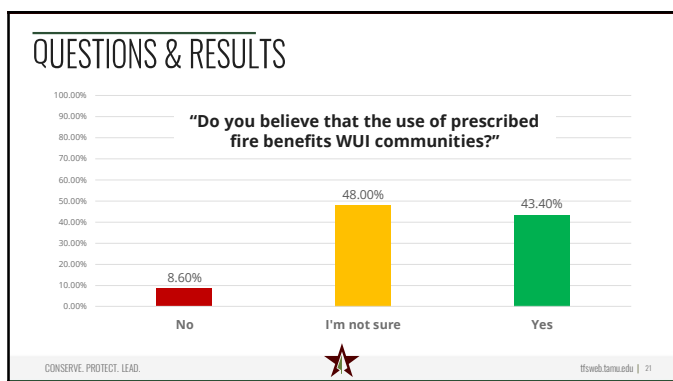
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Private Burn Contractor




- What type of burn will this be:
 - Pile burning
 - Site prep. for tree planting
 - Open grass or rangeland
 - Understory
 - High risk fuel type
 - Size of burn unit
- Announce ahead of time or 24-hr heads up?
- Select the Notification Methods:
 - Phone, social media, in-person visits.
 - None?
- Who will handle questions on the day of the burn?





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Prescribed Burn Association




- Is the landowner the Burn Boss?
 - Decisions on notifications and responsibility for required notifications legally rests on the burn boss.
- Is the PBA (or designated PBA member) in charge of inviting participants, announcing the burn to cooperators, notifying public?
- Size of burn unit
- Smoke management
- Start on public and neighbor notification early?
- Select the Notification Methods:
 - Phone, email, social media, in-person visits.


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Prescribed Burn Association




- Who will handle questions on the day of the burn?
- What cooperators are available to the PBA for public perception support and messaging?
 - State Forestry and State Wildlife Agencies
 - Quail and Pheasants Forever
 - The Nature Conservancy
 - Tall Timbers, NWTf, etc.
 - County Judge and Local Government
- Looking "Official" vs. appearing "Welcoming"
 - Park a fire engine on the road side?
 - Cation signs- Smoke Ahead, Prescribed Burn?
 - Identifying speakers for media interviews.



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Why is this person prescribed burning?



- Competition control (timber)
- White-tailed deer browse and soft mass production
- Turkey habitat
- Aesthetics
- Wildfire mitigation
- Carbon sequestration
- Recreation

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Reason to use Prescribed Fire in East Texas Forests

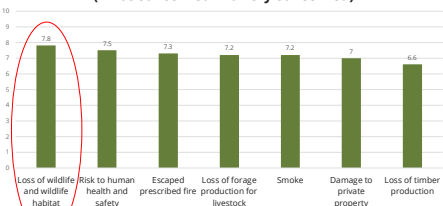
- Site preparation for planting
- Mid-rotation competition control
- White-tailed deer browse
- Soft mast and forb production
- Turkey nesting habitat
- Red-cockaded woodpecker
- Northern bobwhite quail
- Aesthetics
- Wildfire mitigation
- Carbon sequestration
- Longleaf pine restoration
- Shortleaf pine restoration
- Reduce ticks
- Cultural tradition
- Teach grandkids about working with the land
- Shooting lanes/visibility
- Train firefighters
- Protect communities
- Protect timber
- Carbon sequestration
- Water quality and quantity

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QUESTIONS & RESULTS

How concerned are you with the following possible effects of prescribed fire?
(1 not concerned - 10 very concerned)



Effect	Concern Level (1-10)
Loss of wildlife and wildlife habitat	7.8
Risk to human health and safety	7.5
Escaped prescribed fire	7.3
Loss of forage production for livestock	7.2
Smoke	7.2
Damage to private property	7
Loss of timber production	6.6

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How do we have fire on the landscape that is more like a gentle rain and less like a hurricane?
&
How do we convince the public to support it?



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<https://tfsweb.tamu.edu/cppgrant/>
<https://tfsweb.tamu.edu/PrescribedBurns/>
<https://texasforestinfo.tamu.edu/fundingconnector/>
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<https://txlongleaf.org/>

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