

Questions:

- 1) Other practices/approaches we should be thinking about?
- 1) Problems/impediments/concerns with implementation of heterogeneity-based management
- 2) Why would you or would you not promote these practices to private landowners (ecological/logistical/economic issues)?

Heterogeneity Management Discussion

Practices	Ecological & Logistical	Economic
Grazing Rotations	<p>How many pastures? How long is rest period</p> <p>Long deferments = helps hetero</p> <p>Random choice of pastures and time in each pasture</p> <p>Large scale heterogeneity may mean diff homogeneous mgmt on diff ranches</p>	<p>Animal performance drops if you overstock even for 1 day</p> <p>Admit that society wants diversity, costs ranchers, who pays?</p>
Cattle	<p>Ranches may have better veg mgmt with multiple species of grazers</p> <p>Start thinking as “vegetation manipulators”</p> <p>Cow/calf, stockers, manipulate where we put these on ranch</p>	<p>Can we move from cattle only model?</p> <p>Get people out of commodity market</p> <p>Could make things not hurt at all economics</p>
Burning	<p>Does burning reduce hetero by reducing woody spp?</p> <p>Do patch burns create non-continuous grazing style?</p>	

Heterogeneity Management Discussion

Practices

Ecological & Logistical

Economic

Point attractions

Water may be a good way to control for hetero

Water may be cheaper/est way to do it

Non-Point attractions

Don't expect full recovery a year after heavy use

May take many years for recovery of native grasses

Heterogeneity Management Discussion

Practices

Ecological & Logistical

Economic

Prairie Dogs

Could be used as a tool

How important is fire if you have high
PD% on land?

Heterogeneity Management Discussion

Practices	Social	Political
Within Ranch	<p>Social pressures move people to do the same thing</p> <p>Change is risky within ranch</p> <p>Don't just prescribe what to do, work with current practices</p> <p>Ranchers do what is safe. What grandpa did. I am going to do it until bank takes the ranch.</p>	<p>Law seems to support good mgmt</p> <p>Need technical info on <i>how</i> to do it.</p> <p>Systems (groups of practices) that describe what to do</p> <p>Can we incentivize heterogeneity?</p>
	<p>Monitoring is only part. Need education of ranchers on success.</p>	
Between landowners/community	<p>People worry "What will the neighbors say?"</p> <p>A lot of negative pressure from community on burning</p> <p>There are a lot of innovative ranchers out there – and people are listening.</p>	<p>What about changes in land use? Incr. in farming</p>

Heterogeneity Management Discussion

Practices

Social

Political

Agency/Government

We have forgotten the 30's

NRCS doesn't push the envelope – avoid risk to landowners

Takes “boots on the ground” to plan conservation on a ranch

What exactly do we need to do for hetero mgmt?

How do they select the *right* landowners? – influencers who are successful

Define heterogeneity so that we can all be on common ground?

RMBO's workshops on land management have been very successful – establishes network & trust

Can we incentivize heterogeneity?

We don't know what what landowners want?

Can we research how to incentivize diff. landowners?

Survey showed that landowners turn to gov't agency for advice over RMBO or others

Do we need to tax wind/oil/gas to support ranching on lands w/o that resource?

Heterogeneity Management Discussion

Practices

Social

Political

Agency/Government

Be careful about who we incentivize.

If you want NRCS support, contact their conservationist

We need to to monitoring on ranches – what was it like before?
What's it like now?
