



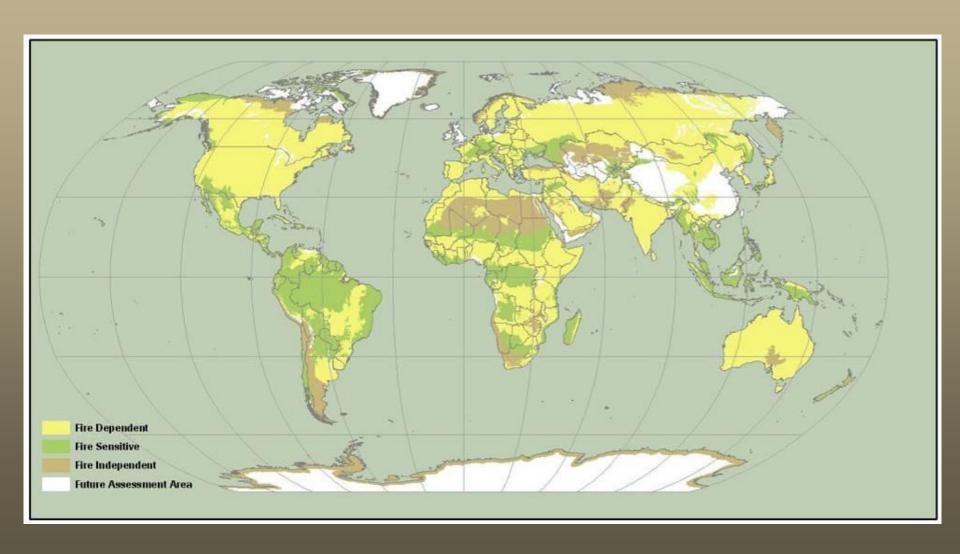


conservancy mission

to preserve the plants, animals and natural communities that represent the diversity of life on earth by protecting the lands and waters they need to survive



global fire regimes





altered fire regimes









landfire



Rapid Assessment

consistent & comprehensive maps &

data describing vegetation &

fire regimes across the U.S.



problem

What is the state of fire regimes in the conterminous US?

Are the scale of restoration efforts commensurate with the scale of the problem?



overview



Data

Methods

Current Conditions

Future Trends

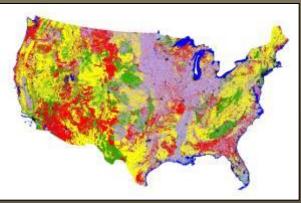
Conclusions



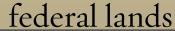


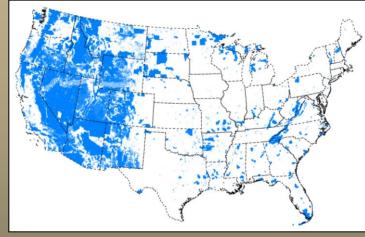


reference fire regimes

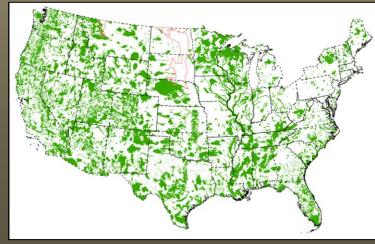


fire regime condition class





conservation areas









fire regime groups(frg)

fire regime group	frequency (years)	severity
8-3 oF	() 3323)	
1	0-35	low - mixed
2	0-35	replacement
3	35-200	low - mixed
4	35-200	replacement
5	200+	replacement



fire regime condition class (frcc)



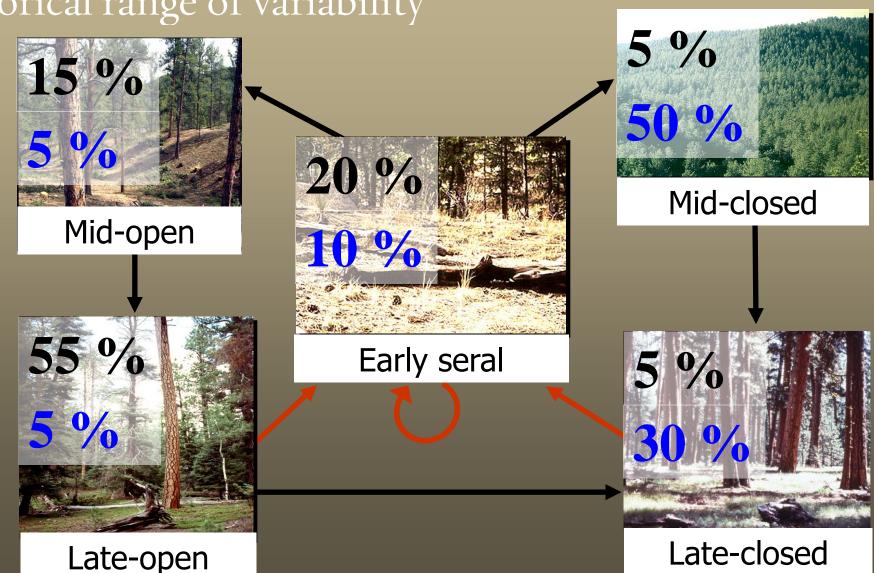
FRCC 1: low/within historic range of variability

FRCC 2: moderate departure

FRCC 3: high departure



historical range of variability





fire regime condition class departure

vegetation characteristics

species composition structural stages stand age canopy closure

· fire regime



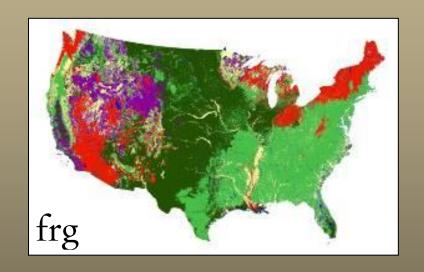


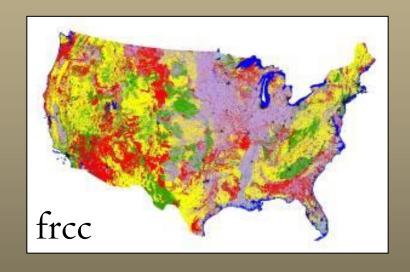




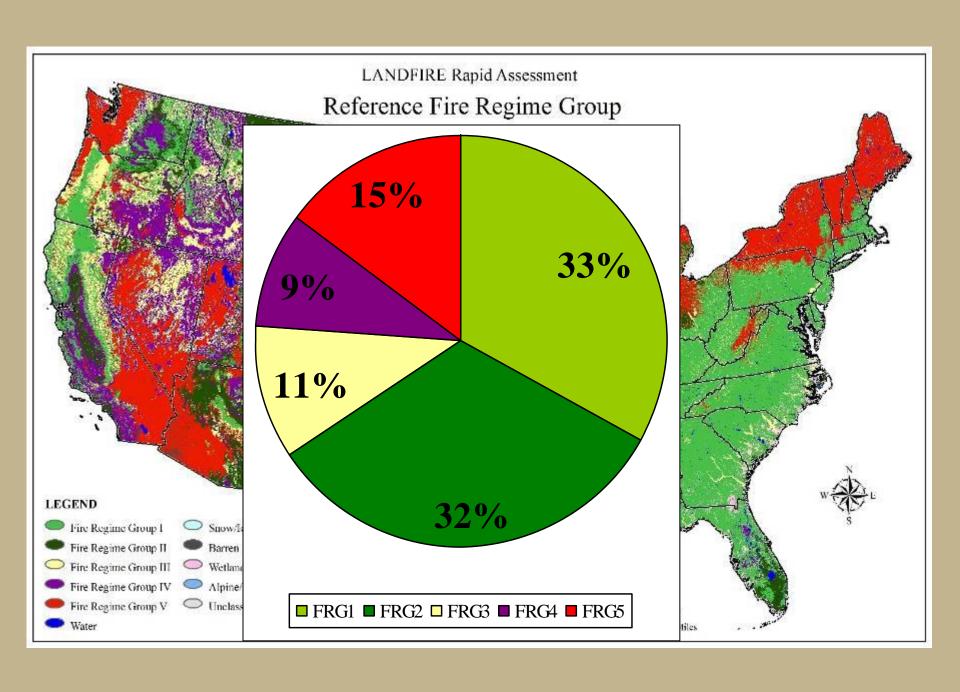
methods

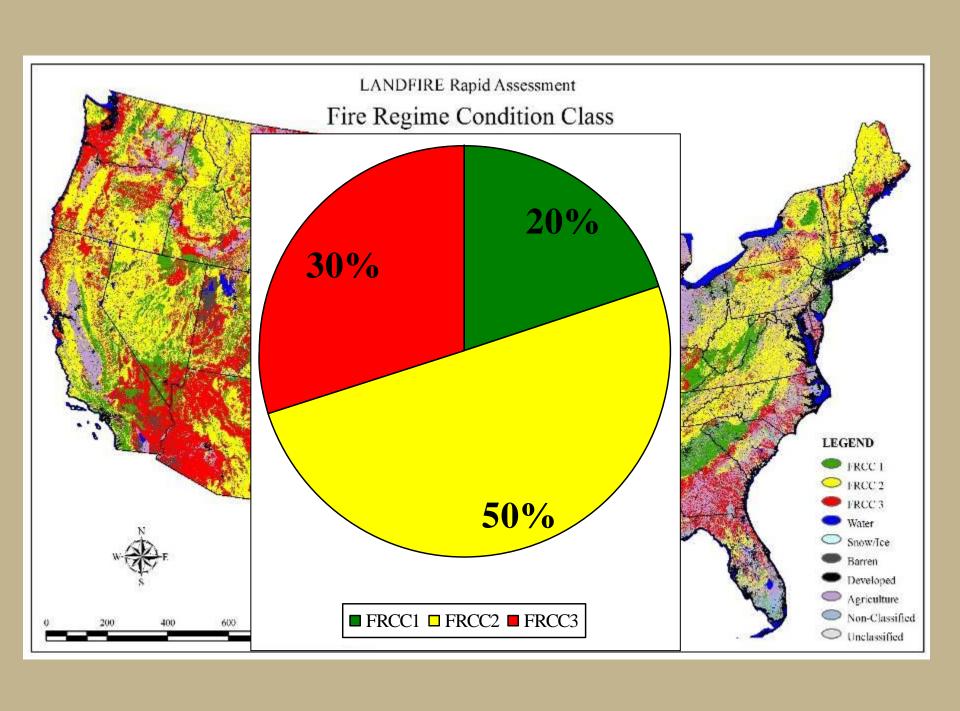
gis analysis





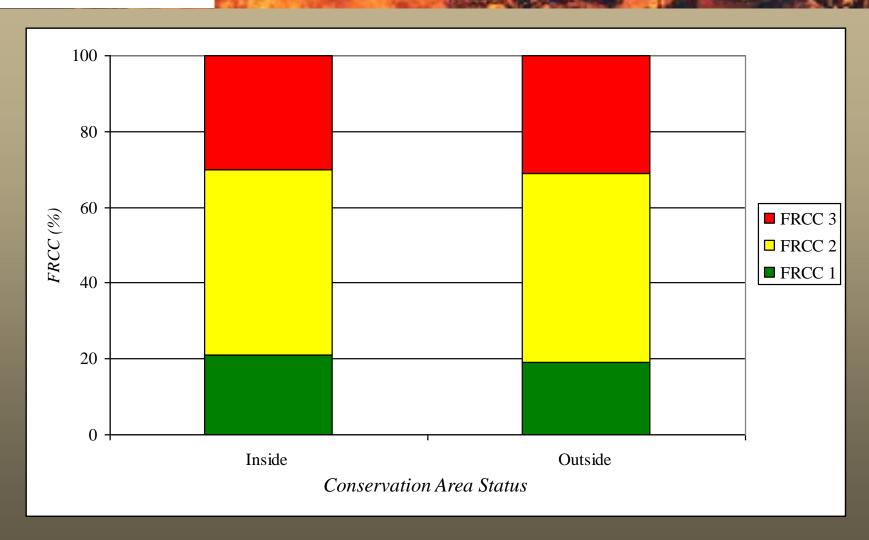








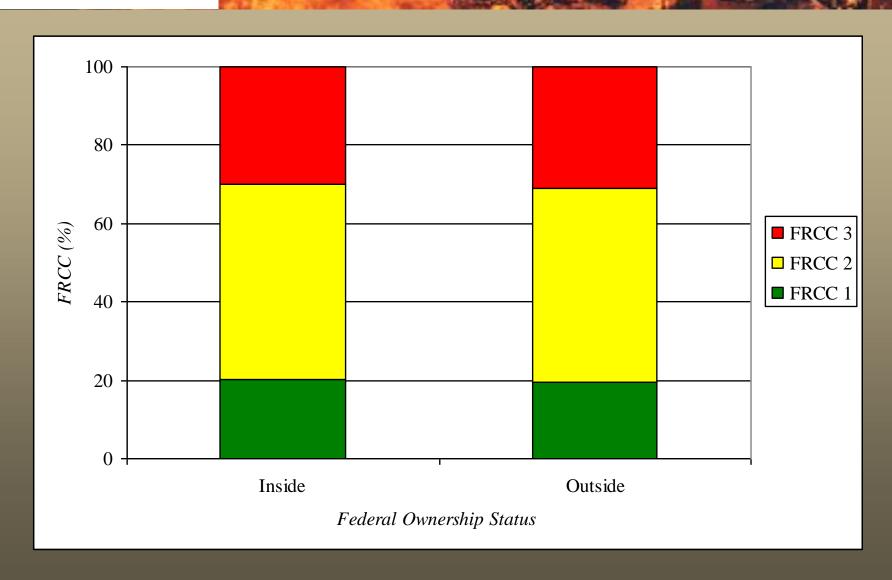
current conditions



FRCC Inside and Outside the Conservancy's Conservation Areas in the Conterminous U.S.



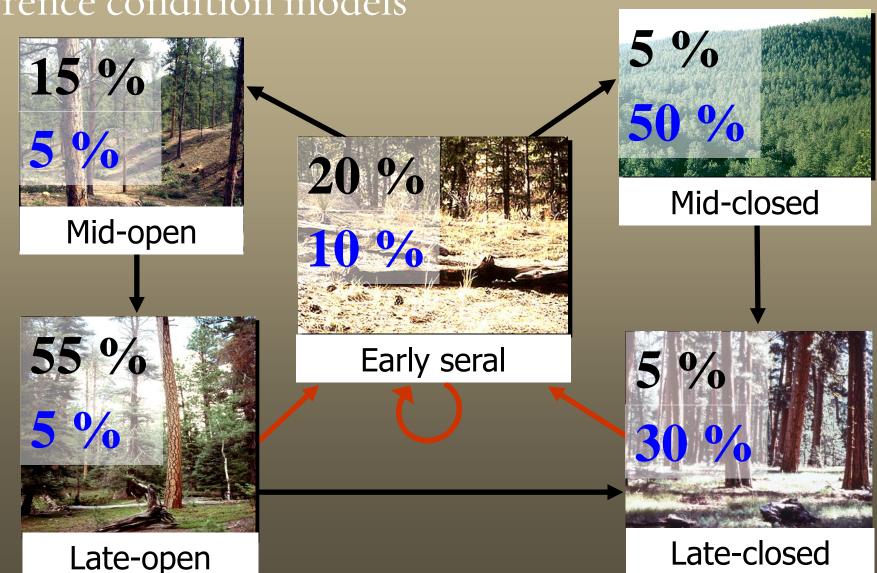
current conditions



FRCC Inside and Outside of Federal Lands in the Conterminous U.S.



reference condition models

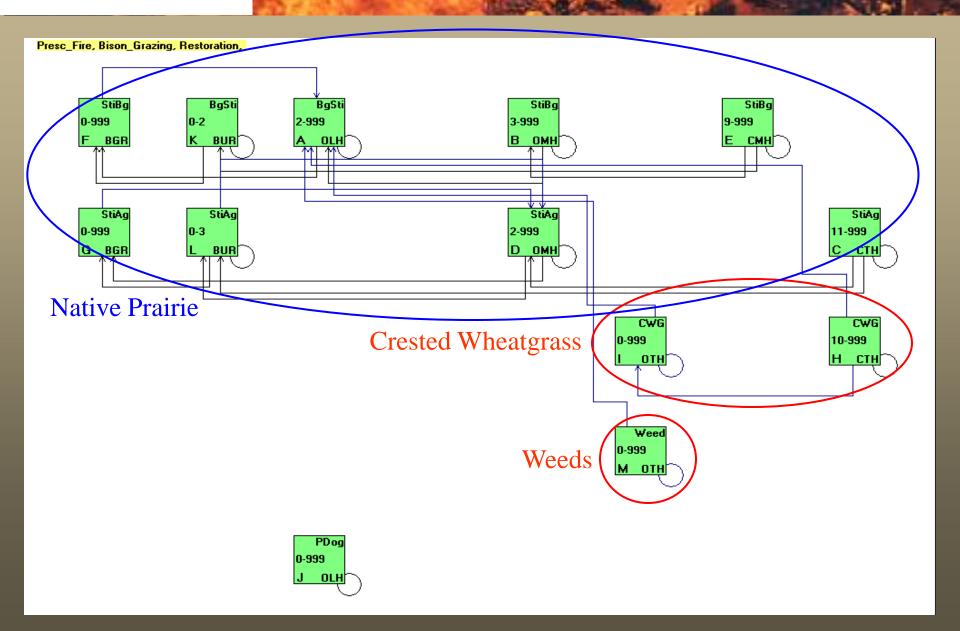






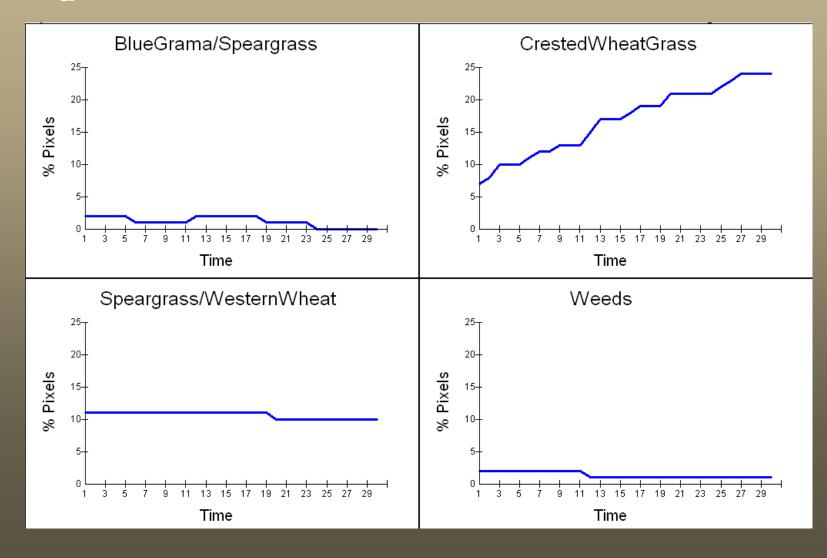
Grasslands National Park, Canada





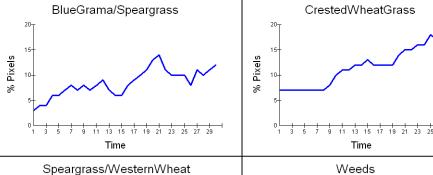


no management

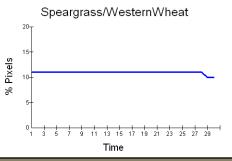


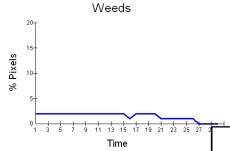


SAVING THE LAST GREAT PLACES ON EARTH

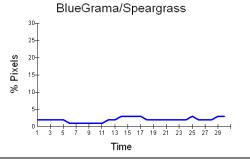


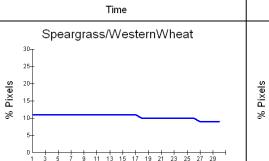
restoration



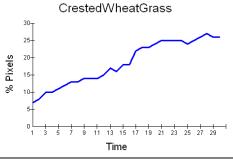


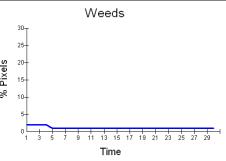
restoration + Rx fire





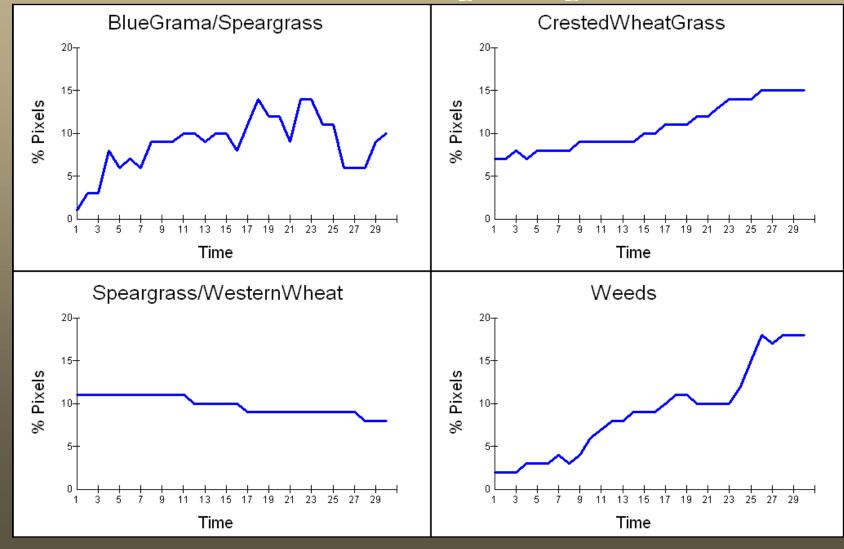
Time







restoration + Rx fire + bison grazing





conclusions



frequent fire regimes dominate the US

moderate to high departure across 80% of the US

no **great differences** in FRCC inside and outside conservation areas or federal lands

reference condition models help predict future trends



