











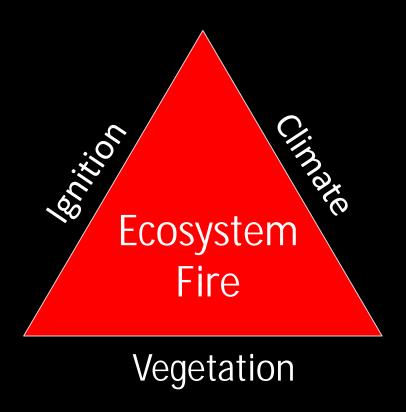






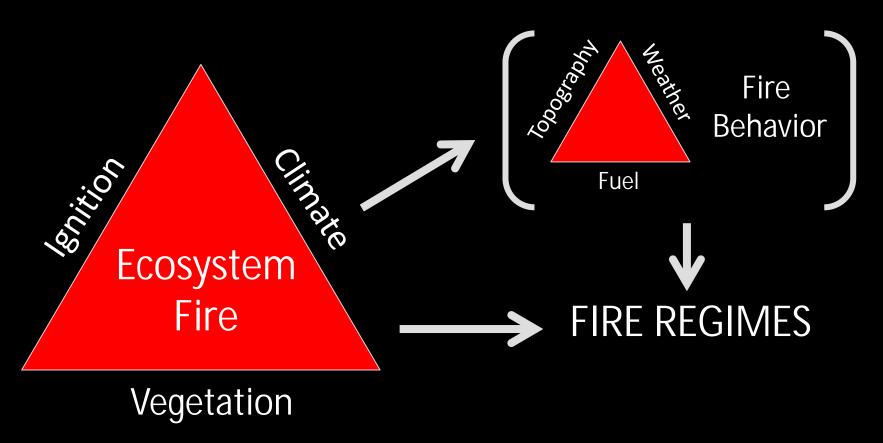


Wildfire Science on a single slide?

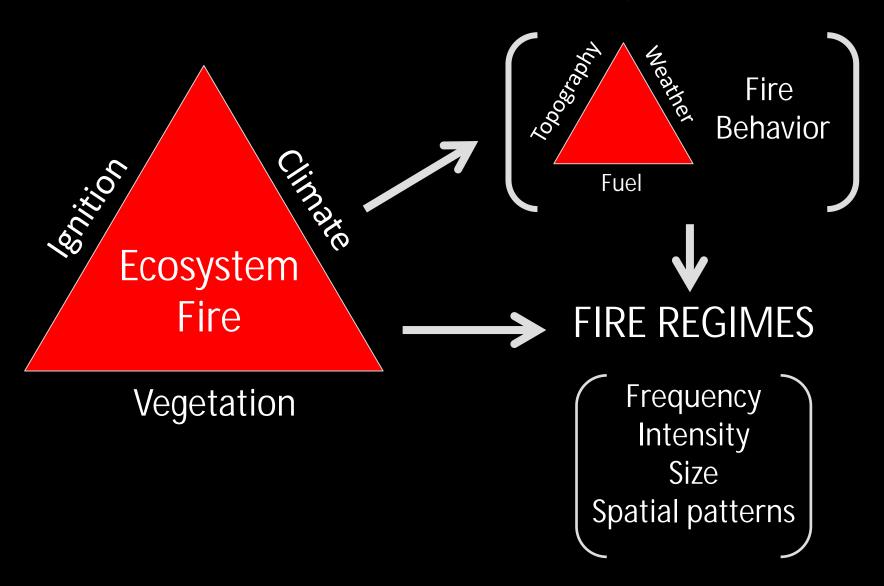


(a simple recipe)

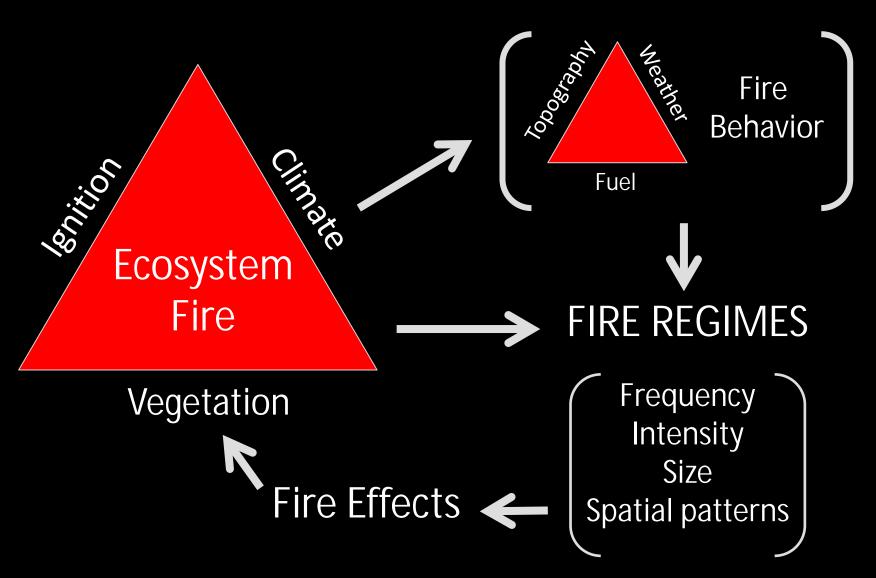
(complex results)



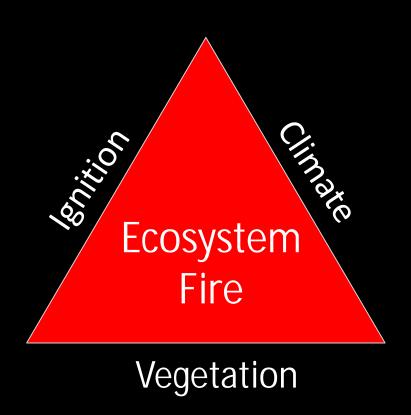
(complex results)

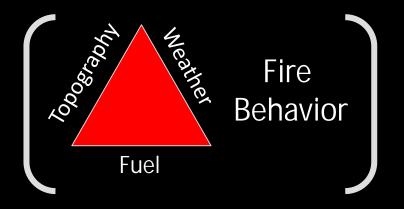


(complex results)



What can we manage?

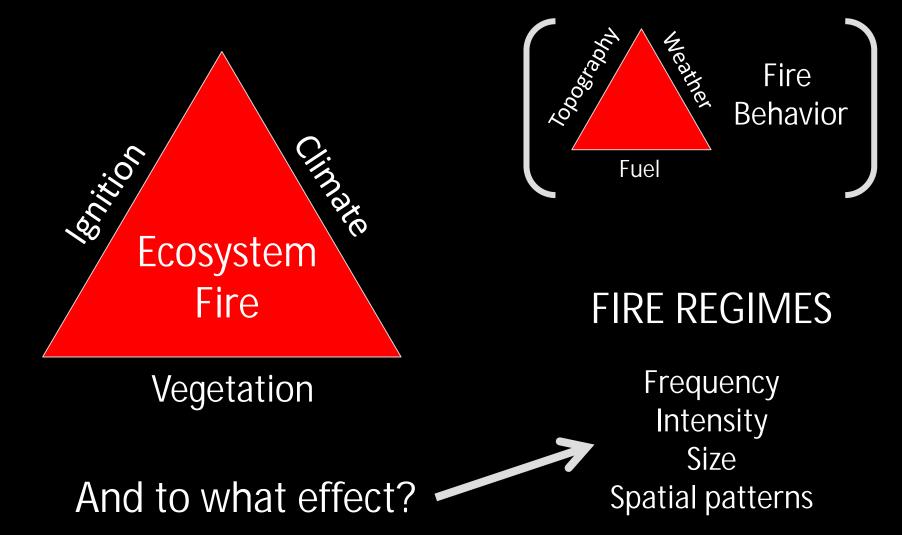




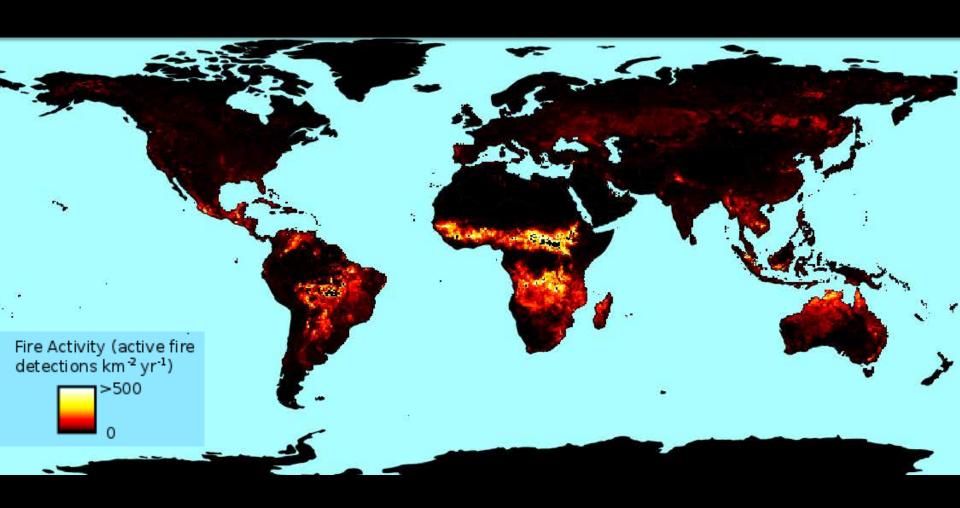
FIRE REGIMES

Frequency
Intensity
Size
Spatial patterns

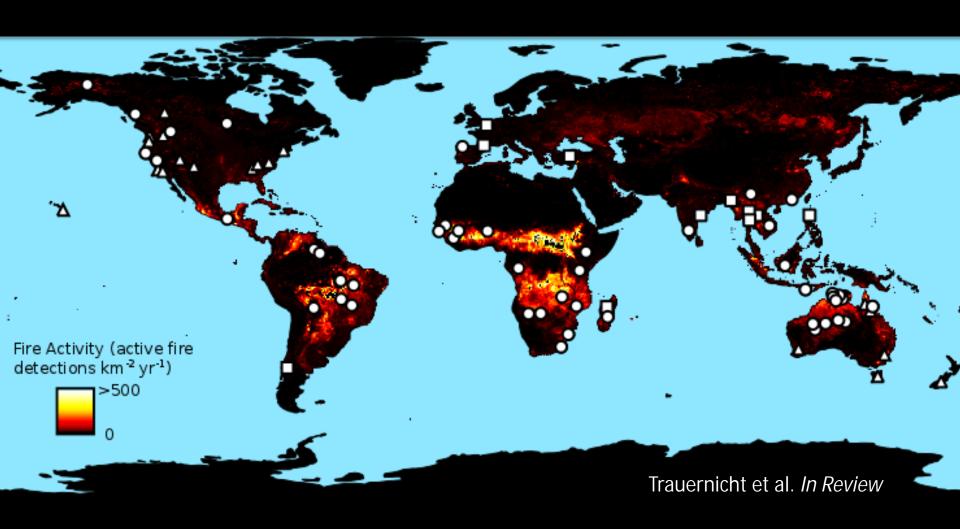
What can we manage?



Living with fire via suppression?



Living with fire via management?





'fire is for kangaroos'

Pest management Woodland management Manipulate plant traits Attracting game NTFP harvest Cleaning landscapes Driving game Warfare /conflict Cultivation Communication Animal gathering Prevent destructive fires Pasture management Animal safety Ceremonial/medicinal Owners hip /responsibility

Cleaning landscapes Prevent destructive fires



a) Pre-human Fire Regime



b) Aboriginal Fire Regime



c) European Fire Regime

Time period since last fire



Long



Medium



Short

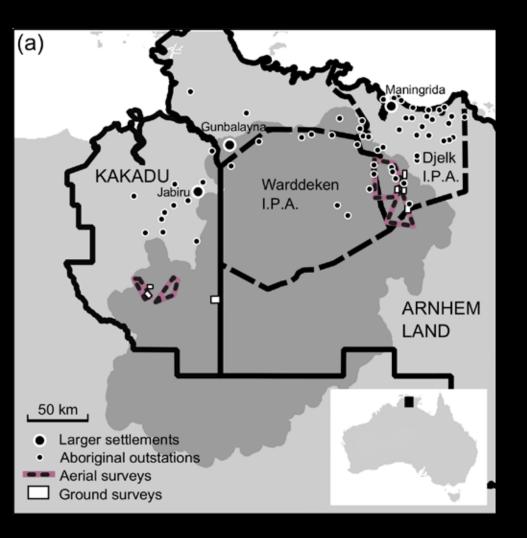
'the patch mosaic'



Callitris grove



Aboriginal country vs. a modern wilderness







Trauernicht et al. 2013. Ecology and Evolution 3:286-297





Intact groves









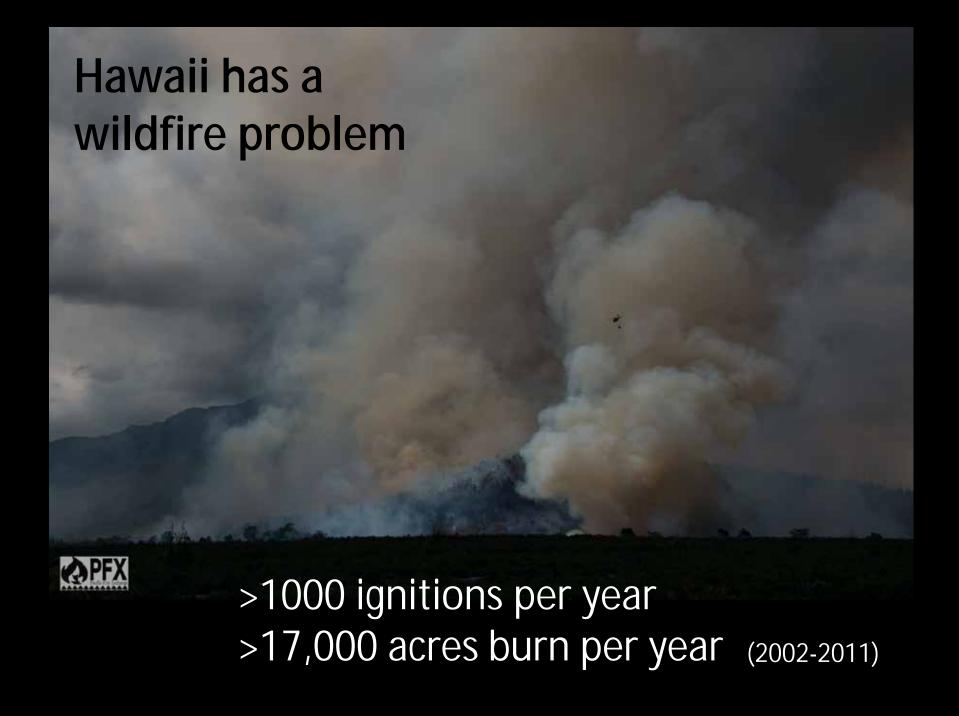
Degraded groves



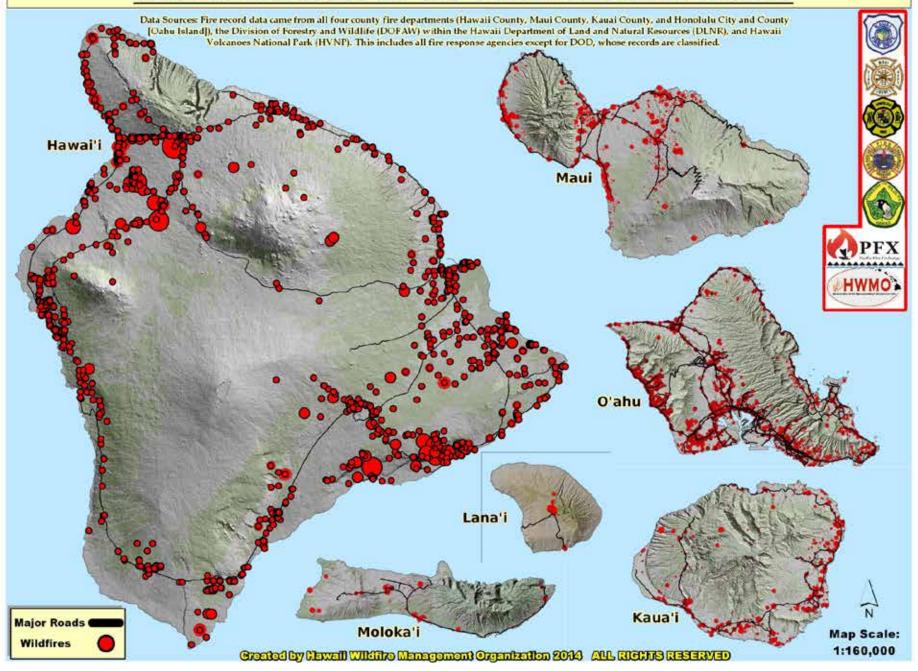


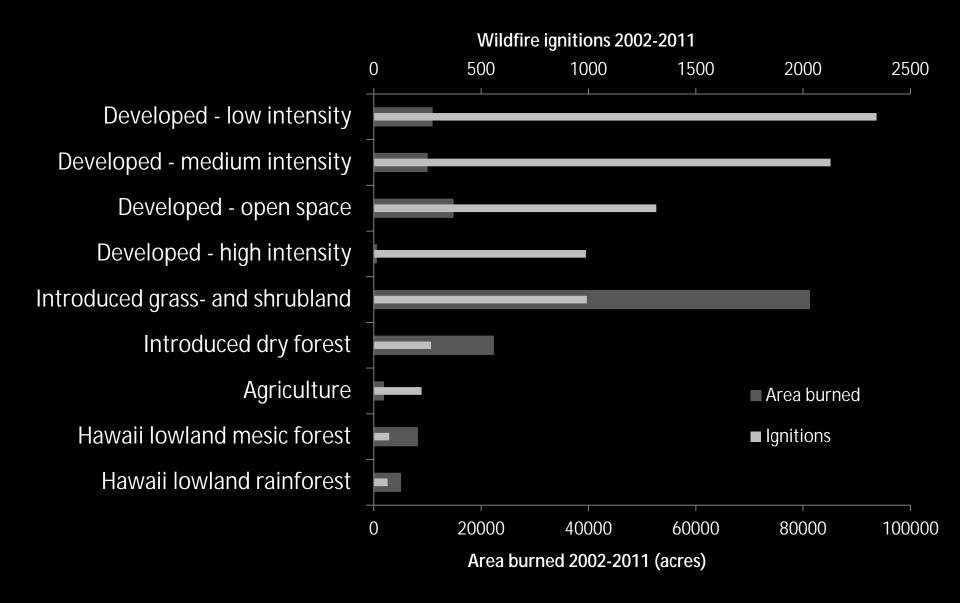




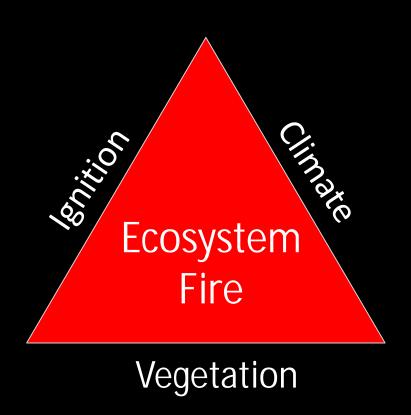


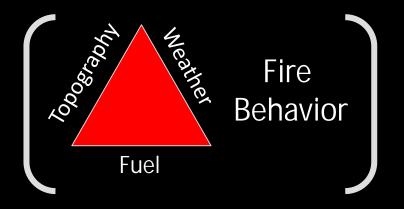
Wildfire Incidents for the 6 Main Hawaiian Islands





What can we manage?

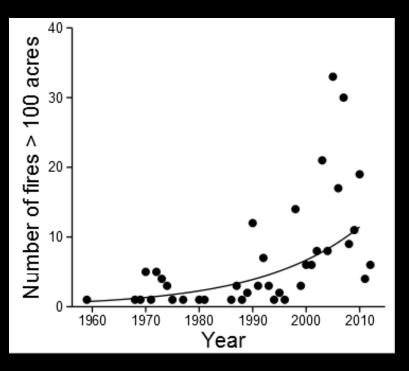




FIRE REGIMES

Frequency
Intensity
Size
Spatial patterns

Living with fire via suppression?





Living with fire via management?



