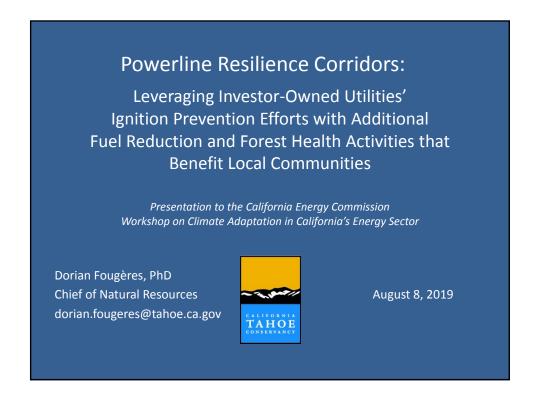
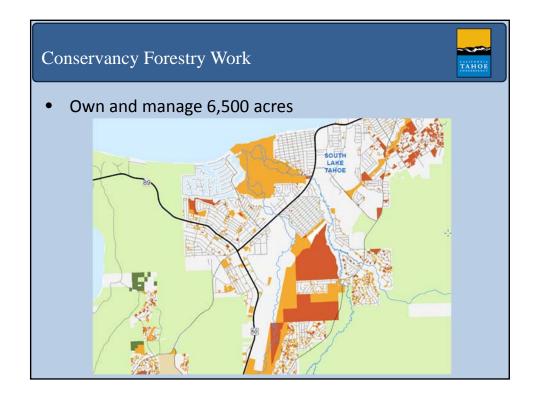
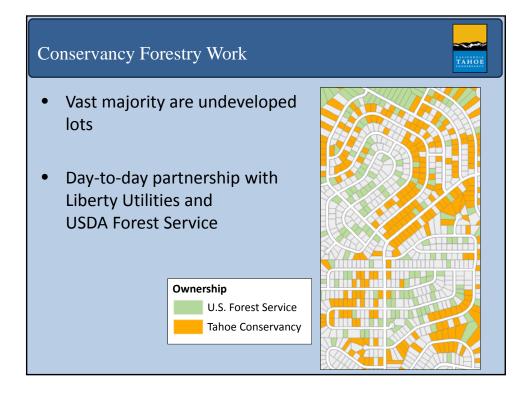
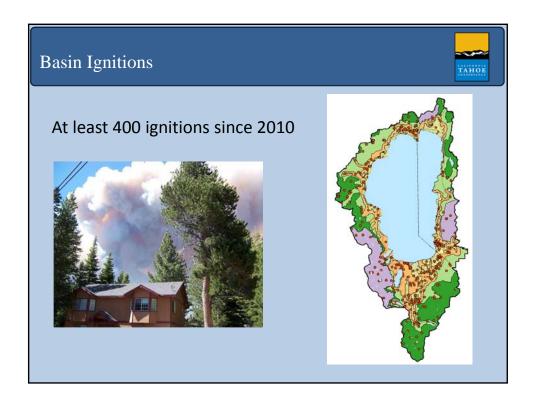
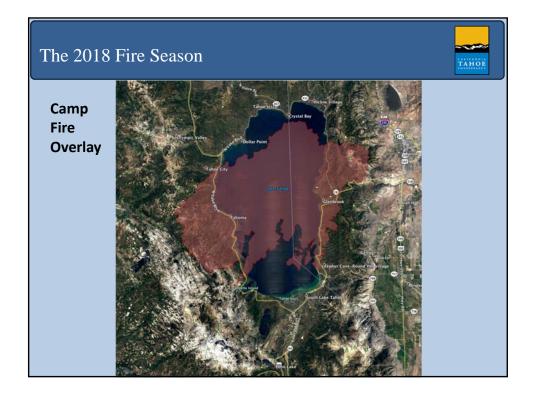
DOCKETED					
Docket Number:	19-IEPR-10				
Project Title:	Climate Adaptation				
TN #:	229248				
Document Title:	Leveraging InvestorOwned Utilities' Ignition Prevention Efforts with Additional Fuel Reduction				
Description:	Presentation by Dorian Fougères, California Tahoe Conservancy: "Powerline Resilience Corridors: Leveraging Investor-Owned Utilities' Ignition Prevention Efforts with Additional Fuel Reduction and Forest Health Activities that Benefit Local Communities."				
Filer:	Raquel Kravitz				
Organization:	California Energy Commission				
Submitter Role:	Commission Staff				
Submission Date:	8/7/2019 8:32:47 AM				
Docketed Date:	8/7/2019				



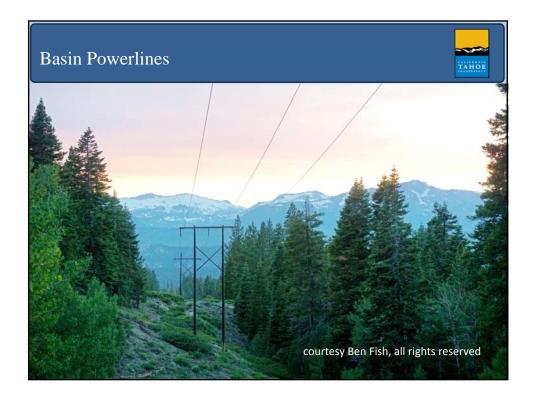










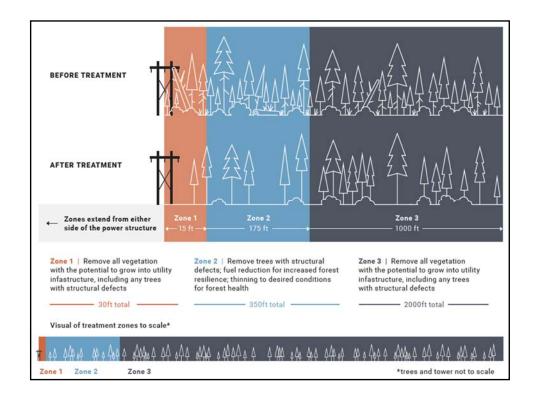


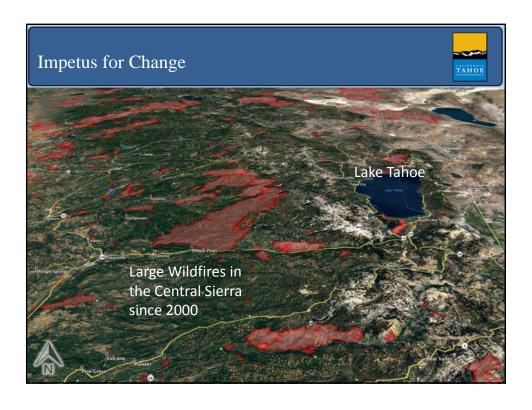
## Definition

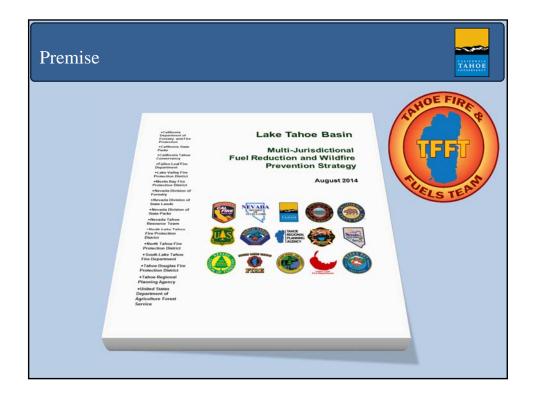


**Powerline Resilience Corridors** are forested areas around powerlines where ignition hazards are managed in conjunction with fuels reduction and forest health treatments.

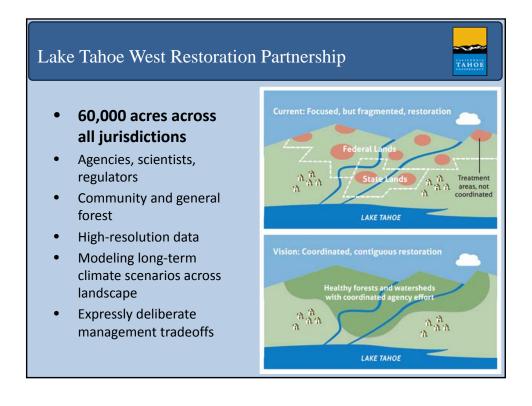
PRCs create several efficiencies that increase the pace and scale of treatments, and more effectively restore and protect both the general forest and forest communities together.

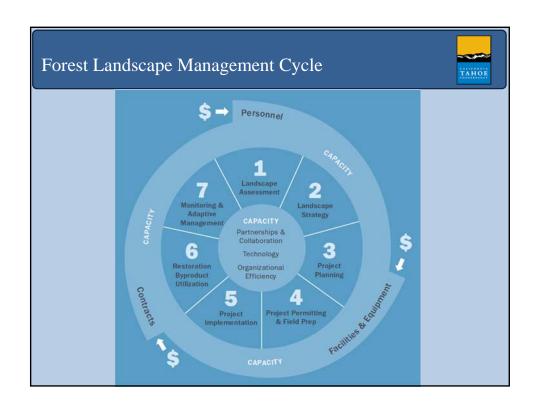


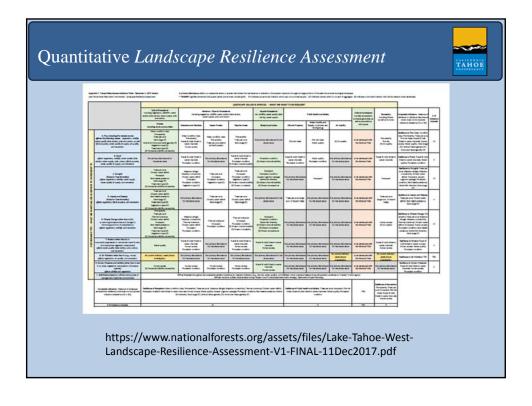








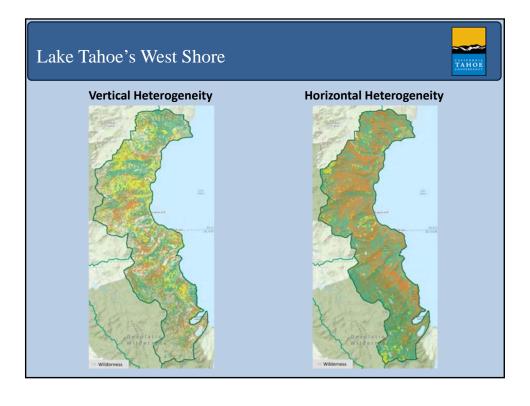


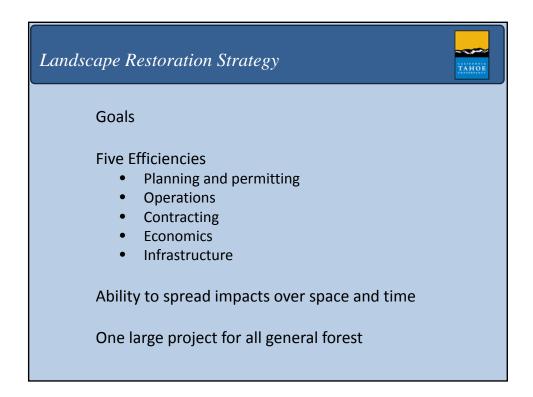


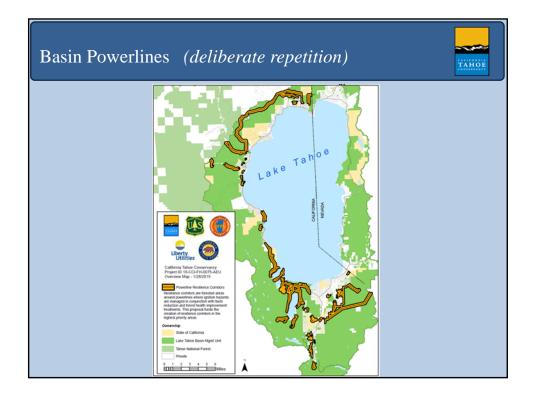
## Key Concept: "Vegetative Heterogeneity"



- Variation in vertical structure of vegetation
- Variation in horizontal distribution of vegetation
  - Individual trees
  - Clumps of trees
  - Openings
- Key indicator of landscape resilience





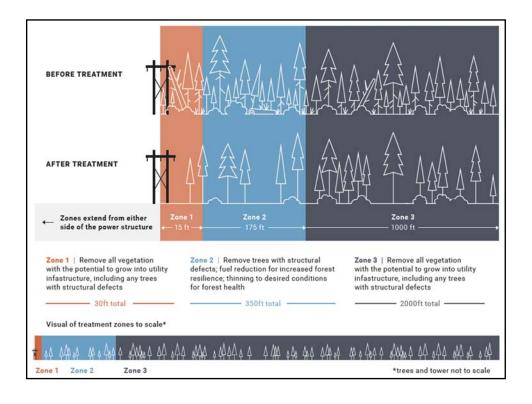


## Definition (deliberate repetition)

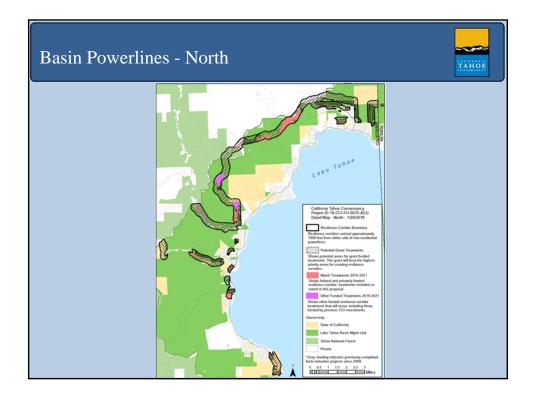


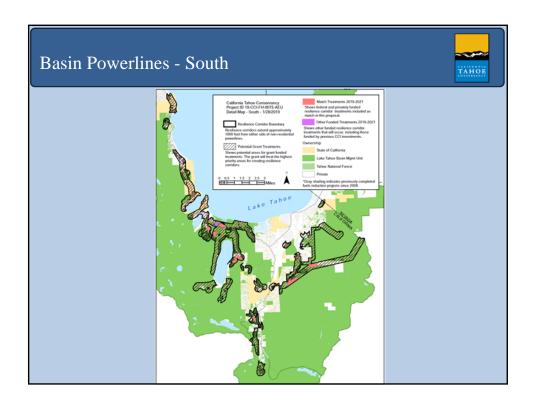
**Powerline Resilience Corridors** are forested areas around powerlines where ignition hazards are managed in conjunction with fuels reduction and forest health treatments.

PRCs create several efficiencies that increase the pace and scale of treatments, and more effectively restore and protect both the general forest and forest communities together.









## Status



- Liberty included in their Wildfire Mitigation Plan
  - Treatments have started
- USDA Forest Service has committed funding to planning, surveying, and site preparation
- Conservancy and partners applied for CCI grant
  - Unsuccessful, but will reapply and are exploring other potential sources

Funding Needed – Forest Action Plan						
		Estimated Investment Needed				
MAJOR INVESTMENTS	Investment since 2008*	Total Needed	Annually 2020-2024	Annually 2025+	Total Cost	
Wildland-Urban Interface Treatments						
Protect communities by completing and maintaining all treatments and creating defensible space	\$150 mil	\$50 mil	\$9 mil	\$3 mil	\$195 mil	
Lake Tahoe West	\$6 mil	\$98 mil	\$8 mil	\$5 mil		
Restore the 60,000 acre landscape on the west side of the Basin					\$104 mi	
Powerline Resilience Corridors						
Prevent ignitions and improve forest health surrounding 64 miles of powerlines	\$5 mil	\$10 mil	\$2 mil		\$15 mil	
Technology Innovation Sprint			\$3 mil			
Pilot new technologies to increase the pace and scale of forest management	\$2 mil	\$3 mil	(One-time investment)	-	\$5 mil	
Tahoe-Central Sierra Initiative	\$32 mil	Estimate available in 2020	Estimate available in 2020			
Restore 2.4 million acres and support a forest restoration economy					\$32 mil	
Upper Truckee Partnership			Estimate available in 2020			
Restore the 80,000 acre landscape on the south side of the Basin	\$71 mil	Estimate available in 2020			\$71 mi	
Total	\$266 mil	\$161 mil	\$22 mil	\$9 mil	\$422 mi	



