

SN Region Resource Kit Pillars (and associated elements and metrics) & ACCG SLAWG Wildfire Risk Assessment HRVAs (and sub-HRVAs) Crosswalk

Colors denote similarities between individual Pillars and SLAWG HRVAs.

Sierra Nevada Regional Resource Kit Pillars	Sierra Nevada Regional Resource Kit Elements	Sierra Nevada Regional Resource Kit Metrics (Source)	ACCG SLAWG Wildfire Risk Assessment HRVA	ACCG SLAWG Wildfire Risk Assessment Sub-HRVA	
Air Quality	Particulate Matter	Potential smoke emissions (R5)	Communities	CAL FIRE FRAP WUI USFS SN region WUI ESRI Census Populated Places	
Biodiversity Conservation	Focal species	CSO habitat suitability (R5)		Infrastructure	USGS National Transportation - Major Evacuation Routes US Homeland Infrastructure Foundation-Level DataTransmission lines,CA Engery Commission Power/ Hydro plants, USFS Communication Sites USGS NHD Water infrastructure & USGS National Structures - Highly developed Infrastructure; USFS highly developed infrastructure
		Pacific fisher suitable habitat (R5)			
	Species Diversity	federally listed species richness (R5)			
		black oak stands (UCD)			
Community Integrity	Wildlife species richness (R5)	Wildlife/Ecosystems			CSO/Northern goshawk/Marten Mature habitat -- Conifer/Mixed Conifer/Hardwood Veg Types >24" dbh with >=40% canopy density (CWHR Type-SCN, SMC, MHC, MHW, RFR, LPN, WFR, JPN, PPN, DFR, BOP; CWHR Size Code 5; CWHR Density Code - M or D) within species ranges CSO/Northern goshawk/Marten Immature habitat -- Conifer/Mixed Conifer/Hardwood Veg Types 11-24" dbh with >=40% canopy density (CWHR Type-SCN, SMC, MHC, MHW, RFR, LPN, WFR, JPN, PPN, DFR, BOP; CWHR Size Code 4; CWHR Density Code - M or D) within species ranges USFWS Critical Habitat: SNYLF, YOTO, CTS, CRLF, Vernal pool fairy shrimp, Vernal pool tadpole shrimp, Greene's tuctoria, Sacramento Orcutt grass
Storage	habitat connectivity (CDFW)				
Carbon Sequestration	Stability				Total carbon (CECS)
	Wood Product Industry				Large tree carbon (R5)
Economic Diversity	Wood Product Industry	Costs of potential treatments (RMRS) Available standing biomass (R5)			Economic Assets: Timber Resource
Fire Dynmaics	Functional Fire	Mean percent FRID (R5)			
		Probability of >8ft flam lengths (Pyrologix) Annual burn probability (Pyrologix)			
Forest Resilience	Structure	Tree density - total > 1" dbh (R5)	Watersheds	Herbaceous, high EP Shrub, mod EP Shrub, high EP Tree, mod EP Tree, high EP	
		Basal area (R5)			
	Composition	Large tree density > 30" dbh (R5) Estimated Maximum SDI (R5)			
Social and Cultural Well-Being	Enviornmental Justice	Seral stage (R5)	Fire Dynmaics	Probability of 0->12ft flame lengths (Pyrologix) Annual burn probability (Pyrologix)	
		Tree:shrub cover ratio (CECS)			
Water Security	Quantity	Tree mortality (2017-21) (R5)			
		Housing burden (OEHHA) Unemployment (OEHHA) Low income (Cal EPA)			
Wetland Integrity	Hydrologic Function	Actual evaoptranspiration/precipitation (CECS)			
		Average runoff (CECS)			
		Meadow sensitivity index (UCD)			