Multiple Benefit Evaluation Framework DRAFT

Pillar of Resilience (i.e., Benefit Category)	Project Characteristics	Project Location & Geospatial Data
🔥 Fire-Adapted Communities	Community education / community-scale fuel breaks, defensible space, hardening / infrastructure improvement	WUI / structure exposure score / building density / FHSZ / damage potential / critical infrastructure
🌲 Resilience / Fire Dynamics	Planning / biomass utilization / cultural fire / Rx fire / Rx grazing / reforestation / restoration (forest, upland) / vegetation management / fuel breaks	Wildfire hazard potential / burn probability / FHSZ
🦋 Biodiversity Conservation	Invasive removal / pest management / land & habitat protection / restoration / seed collection & propagation	Biodiversity / critical habitat / habitat connectivity / protected areas
🔗 Habitat Connectivity	Land & habitat protection / restoration / seed collection & propagation	Habitat connectivity / Omniscape
💨Air Quality	Biomass utilization / cultural fire / Rx fire / Rx grazing / veg management / fuel breaks	Avoided smoke production / total smoke production
🌎 Carbon Sequestration	Biomass utilization / land & habitat protection / reforestation / restoration (forest, upland) / seed collection & propagation	Vegetation cover / above ground carbon
💧 Water Security	Erosion control / restoration (wetland, riparian, vernal pool)	Climactic water deficit / impaired waters
🌊Wetland Integrity	Restoration (wetland, riparian, vernal pool)	National Wetlands Inventory / CA Aquatic Resources Inventory
☺Social / Cultural Well-Being	Community education / youth education / volunteer stewardship	CalEnviroScreen / American Community Survey demos
🌿 Tribal Stewardship	Indigenous capacity building / cultural burning / cultural resource enhancement, protection / led by Tribe or Tribal non-profit / Tribal collaboration	Tribal land or Tribal community area
💼 Economic / Workforce	Community education / org capacity & partnerships / workforce development / biomass utilization	n/a