

SWAPA+E	Resource Concern Category	Resource Concern
Soil	<i>Wind and water erosion</i>	Sheet and rill erosion
		Wind erosion
	<i>Concentrated erosion</i>	Ephemeral gully erosion
		Classic gully erosion
		Bank erosion from streams, shorelines or water conveyance channels
	<i>Soil quality limitations</i>	Subsidence
		Compaction
		Organic matter depletion
		Concentration of salts or other chemicals
		Soil organism habitat loss or degradation
Aggregate instability		
Water	<i>Weather resilience</i>	Ponding and flooding
		Seasonal high water table
		Seeps
		Drifted snow
		Naturally available moisture use
	<i>Source water depletion</i>	Surface water depletion
		Groundwater depletion
		Inefficient irrigation water use
	<i>Field sediment, nutrient and pathogen loss</i>	Nutrients transported to surface water
		Nutrients transported to groundwater
		Pathogens and chemicals from manure, biosolids or compost applications transported to surface water
		Sediment transported to surface water
	<i>Field Pesticide loss</i>	Pesticides transported to surface water
		Pesticides transported to groundwater
	<i>Storage and handling of pollutants</i>	Nutrients transported to surface water
		Nutrients transported to groundwater
		Petroleum, heavy metals and other pollutants transported to surface water
		Petroleum, heavy metals and other pollutants transported to groundwater
<i>Salt losses to water</i>	Salts transported to surface water	
	Salts transported to groundwater	
Air	<i>Air quality emissions</i>	Emissions of particulate matter (PM) and PM precursors
		Emissions of greenhouse gases - GHGs
		Emissions of ozone precursors
		Objectionable odor
		Emissions of airborne reactive nitrogen
Plants	<i>Pest pressure</i>	Plant pest pressure
	<i>Degraded plant condition</i>	Plant productivity and health
		Plant structure and composition
<i>Fire management</i>	Wildfire hazard from biomass accumulation	
Animals	<i>Livestock production limitation</i>	Feed and forage balance
		Inadequate livestock shelter
		Inadequate livestock water quantity, quality and distribution
	<i>Terrestrial habitat</i>	Terrestrial habitat for wildlife and invertebrates
<i>Aquatic habitat</i>	Aquatic habitat for fish and other organisms	
	Elevated water temperature	
Energy	<i>Inefficient energy use</i>	Energy efficiency of equipment and facilities
		Energy efficiency of farming/ranching practices and field operations