

CDSI Adopted Resource Concerns

SOIL EROSION

- Sheet, Rill, & Wind Erosion
- Concentrated Flow Erosion
(Classic Gully & Ephemeral Erosion)
- Excessive bank erosion from streams, shorelines or water conveyance channels

SOIL QUALITY DEGRADATION

- Subsidence
- Compaction
- Organic Matter Depletion
- Concentration of Salts and other Chemicals

EXCESS / INSUFFICIENT WATER

- Ponding, Flooding, Seasonal High Water Table, Seeps and Drifted Snow
- Inefficient Moisture Management
- Inefficient Use of Irrigation Water

WATER QUALITY DEGRADATION

- Excess nutrients in surface and ground waters
- Pesticides transported to surface and ground waters
- Excess pathogens and chemicals from manure, bio-solids or compost applications in surface waters and ground waters
- Excessive Salts in surface waters and ground waters
- Petroleum, Heavy Metal and other pollutants transported to waters
- Excessive Sediment in surface waters
- Elevated Water Temperature

DEGRADED PLANT CONDITION

- Undesirable Plant Productivity and Health
- Inadequate Structure and Composition
- Excessive Plant Pest Pressure
- Wildfire Hazard, Excessive Biomass Accumulation

INADEQUATE HABITAT FOR FISH AND WILDLIFE

- Habitat Degradation
(Food, Water, Cover/Shelter and Habitat Continuity / Space)

LIVESTOCK PRODUCTION LIMITATION

- Inadequate Feed and Forage
- Inadequate Livestock Shelter
- Inadequate Livestock Water

AIR QUALITY IMPACTS

- Emissions of Particulate Matter (PM) and PM Precursors
- Emission of Greenhouse Gases (GHGs)
- Emissions of Ozone Precursors
- Objectionable Odors

INEFFICIENT ENERGY USE

- Equipment and Facilities
- Farming/Ranching Practices and Field Operations