

**CDSI Technical Foundation Training
Resource Concerns
Assessment Tool**

Soil Erosion and Soil Quality

RUSLE2, WEPS - (Integrated Erosion Tool)	Soil Erosion (Sheet – Rill and Wind)
SCI (RUSLE2)	Soil Quality - Organic Matter Depletion

Plants (Pasture)

Pasture Condition Score	Plant productivity and health
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Plants (Range)

Range Hydrology Erosion Model (RHEM)	Plant productivity and health
Rangeland Health Assessment (RHA)	Plant
Ecological Site Descriptions (ESD)	Plant

Livestock Production

Feed and Forage Balance Worksheet (?)	Livestock Production - Feed and Forage
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Air

Air Quality Worksheet	Particulate Matter - PM - and PM Precursors Greenhouse Gases - GHGs Ozone Precursors
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Plants

Crop Tolerance Table	Plants – Health and Productivity
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Insufficient Water

Irrigation Water Index (IWI)	Inefficient use of Irrigation Water
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Soil Erosion, Wildlife Habitat and Water Quality (Stream Related) (

SVAP2 - bank condition	Soil Erosion - Streambank Erosion Water Quality - Sediment
SVAP2 - barriers to movement SVAP2 - fish habitat complexity SVAP2 - aquatic invertebrate habitat	Wildlife - Aquatic Habitat
SVAP2 - riparian area quantity SVAP2 - riparian area quality SVAP2 - canopy cover	Water Quality - Stream Temperature