

# NDL Resource Concern Assignments (May 2019)

Soil	1	Sheet and rill erosion	Agron & AE
Soil	2	Wind erosion	Agron & Graz Land Sp
Soil	3	Ephemeral gully erosion	AE & Agron
Soil	4	Classic gully erosion	AE & Agron
Soil	5	Bank erosion from streams, shorelines, or water conveyance channels	DE & AqEco
Soil	6	Subsidence	WME
Soil	7	Compaction	Agron & Graz Land Sp
Soil	8	Organic matter depletion	SH & Agron
Soil	9	Concentration of salts or other chemicals	WME
Soil	10	Soil organism habitat loss or degradation	SH & PM
Soil	11	Aggregate instability	SH
Water	12	Ponding and flooding	HE
Water	13	Seasonal high water table	WME
Water	14	Seeps	WME
Water	15	Drifted snow	DE & For
Water	16	Surface water depletion	WME
Water	17	Ground water depletion	WME & EG
Water	18	Naturally available moisture use	WME
Water	19	Inefficient irrigation water use	WME
Water	20	Nutrients transported to surface water	NM & EE & AqEco
Water	21	Nutrients transported to ground water	NM & EE & AqEco
Water	22	Pesticides transported to surface water	PM & AqEco & EE
Water	23	Pesticides transported to ground water	PM & AqEco & EE
Water	24	Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water	EE & NM
Water	25	Pathogens and chemicals from manure, biosolids, or compost applications transported to ground water	EE & NM
Water	26	Salts transported to surface water	WME & AqEco
Water	27	Salts transported to ground water	WME & AqEco
Water	28	Petroleum, heavy metals, and other pollutants transported to surface water	EE
Water	29	Petroleum, heavy metals, and other pollutants transported to ground water	EE
Water	30	Sediment transported to surface water	AE & Agron
Water	31	Elevated water temperature	AqEco

Air	32	Emissions of particulate matter (PM) and PM precursors	AQS
Air	33	Emissions of greenhouse gases (GHGs)	AQS & EE
Air	34	Emissions of ozone precursors	AQS
Air	35	Objectionable odors	AQS & EE
Air	36	Emissions of airborne reactive nitrogen	AQS & EE
Plant	37	Plant productivity and health	For & Graz Land Spec
Plant	38	Plant structure and composition	For & Graz Land Spec
Plant	39	Plant pest pressure	For & PM & Graz Land Sp
Plant	40	Wildfire hazard from excessive biomass accumulation	For & Graz Land Spec
Animal	41	Terrestrial habitat for wildlife and invertebrates	Wbio
Animal	42	Aquatic habitat for fish and other organisms	AqEco & Wbio
Animal	43	Feed and forage imbalance	Graz Land Spec & AH
Animal	44	Inadequate livestock shelter	Graz Land Spec & AH & AE
Animal	45	Inadequate livestock water quantity, quality, and distribution	Graz Land Spec & AH
Energy	46	Energy efficiency of equipment and facilities	ECE
Energy	47	Energy efficiency of farming/ranching practices and field operations	ECE & Agron

<b>Code--Discipline Lead (NDL)</b>
Agron—Agronomist
AC—Agricultural Climatologist
AH—Animal Husbandry
AqEco—Aquatic Ecologist
For—Forester
Graz Land Sp—Grazing Land Specialist
NM—Nutrient Management Specialist
WBio—Biologist
PM—Pest Management Specialist
AE—Agricultural Engineer
AQS—Air Quality Specialist
CE—Construction Engineer
DE—Design Engineer
EE—Environmental Engineer
EG—Engineering Geologist
HE—Hydraulic Engineer
ECE - Energy Engineer
LA—Landscape Architect
SE—Soils Engineer
WME—Water Management Engineer

<i>SH - Soil Health (not officially an NDL)</i>
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