WETLANDS PRIORITY MODEL

CURRENT CONDITION/FUNCTION

Water Quality:
Pollutant Filtration/Sediment Retention

- Forested Headwater Wetlands
- Land Use in wetland catchment (ag, graze, developed, natural cover)
- Percent Imperviousness in wetland catchment
- Active Surface Mining in wetland catchment
- Oil & Gas Wells in wetland catchment
- Roads & Rail in wetland catchment

Hydrology:
Flood Storage/Connectivity

- Wetland Area
- Forested Headwater Wetlands
- Floodplain Area
- Hydric Soils

Biodiversity

- Rare Species in wetland buffer
- Calcareous Bedrock in wetland buffer
- Habitat Types in wetland buffer
- Non-Native Invasive Species in wetland buffer

Wetland Habitat

- Land Use in wetland buffer (ag, graze, developed, natural cover)
- Mean Forest Patch size intersecting wetland buffer
- Oil & Gas Wells in wetland buffer
- Active Surface Mining in wetland buffer
- Legacy Surface Mining in wetland buffer
- Roads & Rail in wetland buffer
UPLANDS PRIORITY MODEL

CURRENT CONDITION/ FUNCTION

Habitat Connectivity
- Mean size intersecting Forest Block
- Local Integrity score
- Development
- Roads & Rail
- Energy Transmission Lines
- Pipelines
- Wind Turbines
- Oil & Gas Wells
- Active Surface Mining
- Timber Harvesting

Habitat Quality
- Heterogeneity score
- Natural Cover
- Active Surface Mining
- Legacy Surface Mining
- Timber Harvesting
- Land Use (Ag, Grazing, Development)

Biodiversity
- Rare Species
- Habitat Types
- Non-Native Invasive Species
- Percent Loss to Pests & Pathogens
- Calcareous Bedrock

Habitat Connectivity

Local Integrity score

Development

Roads & Rail

Energy Transmission Lines

Pipelines

Wind Turbines

Oil & Gas Wells

Active Surface Mining

Timber Harvesting

Habitat Quality

Heterogeneity score

Natural Cover

Active Surface Mining

Legacy Surface Mining

Timber Harvesting

Land Use (Ag, Grazing, Development)

Biodiversity

Rare Species

Habitat Types

Non-Native Invasive Species

Percent Loss to Pests & Pathogens

Calcareous Bedrock