

Vertical Integration Survey – Land Cover

1. Select the framework layer you work with. (Select only 1 layer, and complete a separate survey if you work with more than one framework layer)

<input type="checkbox"/>	Roads
<input type="checkbox"/>	Airports
<input type="checkbox"/>	Rails
<input type="checkbox"/>	Trails
<input type="checkbox"/>	2009 NAIP
<input type="checkbox"/>	DOQQ
<input type="checkbox"/>	LIDAR
<input type="checkbox"/>	10M DEM
<input type="checkbox"/>	30M DEM
<input type="checkbox"/>	Water features
<input type="checkbox"/>	Watersheds
<input type="checkbox"/>	Cadastral Reference
<input type="checkbox"/>	Parcels
<input type="checkbox"/>	GC Height Mod
<input type="checkbox"/>	Geothermal Potential
<input type="checkbox"/>	Solar Potential
<input type="checkbox"/>	Biomass Potential
<input type="checkbox"/>	Wind Potential
<input type="checkbox"/>	Energy Enterprise Zones
<input type="checkbox"/>	Stipulations
<input type="checkbox"/>	Telecommunications
<input type="checkbox"/>	Pipelines
<input type="checkbox"/>	Power Transmission Lines
<input type="checkbox"/>	Water Mains
<input type="checkbox"/>	Sewer Mains
<input type="checkbox"/>	Service Areas
<input type="checkbox"/>	Precipitation
<input type="checkbox"/>	Temperature
<input type="checkbox"/>	Snowfall
<input type="checkbox"/>	Floods
<input type="checkbox"/>	Landslides
<input type="checkbox"/>	Avalanches
<input type="checkbox"/>	Faults
<input type="checkbox"/>	Wildfire
<input type="checkbox"/>	Volcanic
<input type="checkbox"/>	City limits
<input type="checkbox"/>	Counties
<input type="checkbox"/>	State
<input type="checkbox"/>	American Indian Reservations
<input type="checkbox"/>	Elections
<input type="checkbox"/>	Agency/Program
<input type="checkbox"/>	Special Service Districts
<input type="checkbox"/>	Tax Code Areas
<input type="checkbox"/>	Wetlands
<input type="checkbox"/>	Wildlife habitat (Eco systems)
<input type="checkbox"/>	Omernik
<input type="checkbox"/>	Bailey
<input type="checkbox"/>	Fish Distribution
<input type="checkbox"/>	Landuse (actual)
<input type="checkbox"/>	Landuse (zoning, permitted)
<input type="checkbox"/>	Landuse (planned)
<input checked="" type="checkbox"/>	Land Cover
<input type="checkbox"/>	Land Tenure
<input type="checkbox"/>	Soils
<input type="checkbox"/>	Geology
<input type="checkbox"/>	Structures (address points)
<input type="checkbox"/>	Emergency Service Zones
<input type="checkbox"/>	Critical Infrastructure

2. A **Fundamental Dependency** exists when one dataset cannot be completed before a different dataset is completed. For example, the parcel dataset depends on the cadastral reference layer to be correctly referenced.

Which datasets must be completed BEFORE your dataset (the one selected in question 1) can be completed?

<input type="checkbox"/>	Roads
<input type="checkbox"/>	Airports
<input type="checkbox"/>	Rails
<input type="checkbox"/>	Trails
<input checked="" type="checkbox"/>	2009 NAIP/Imagery
<input type="checkbox"/>	DOQQ
<input checked="" type="checkbox"/>	LIDAR
<input checked="" type="checkbox"/>	10M DEM
<input checked="" type="checkbox"/>	30M DEM
<input type="checkbox"/>	Water features
<input type="checkbox"/>	Watersheds
<input checked="" type="checkbox"/>	Cadastral Reference
<input type="checkbox"/>	Parcels
<input type="checkbox"/>	GC Height Mod
<input type="checkbox"/>	Geothermal Potential
<input checked="" type="checkbox"/>	Solar Potential
<input type="checkbox"/>	Biomass Potential
<input type="checkbox"/>	Wind Potential
<input type="checkbox"/>	Energy Enterprise Zones
<input type="checkbox"/>	Stipulations
<input type="checkbox"/>	Telecommunications
<input type="checkbox"/>	Pipelines
<input type="checkbox"/>	Power Transmission Lines
<input type="checkbox"/>	Water Mains
<input type="checkbox"/>	Sewer Mains
<input type="checkbox"/>	Service Areas
<input checked="" type="checkbox"/>	Precipitation
<input checked="" type="checkbox"/>	Temperature
<input checked="" type="checkbox"/>	Snowfall
<input checked="" type="checkbox"/>	Floods
<input checked="" type="checkbox"/>	Landslides
<input checked="" type="checkbox"/>	Avalanches
<input type="checkbox"/>	Faults
<input checked="" type="checkbox"/>	Wildfire
<input type="checkbox"/>	Volcanic
<input type="checkbox"/>	City limits
<input type="checkbox"/>	Counties
<input type="checkbox"/>	State
<input type="checkbox"/>	American Indian Reservations
<input type="checkbox"/>	Elections
<input type="checkbox"/>	Agency/Program
<input type="checkbox"/>	Special Service Districts
<input type="checkbox"/>	Tax Code Areas
<input type="checkbox"/>	Wetlands
<input type="checkbox"/>	Wildlife habitat (Eco systems)
<input type="checkbox"/>	Omernik
<input type="checkbox"/>	Bailey
<input type="checkbox"/>	Fish Distribution
<input type="checkbox"/>	Landuse (actual)
<input type="checkbox"/>	Landuse (zoning, permitted)
<input type="checkbox"/>	Landuse (planned)
<input type="checkbox"/>	Land Cover
<input type="checkbox"/>	Land Tenure
<input checked="" type="checkbox"/>	Soils
<input type="checkbox"/>	Geology
<input type="checkbox"/>	Structures (address points)
<input type="checkbox"/>	Emergency Service Zones
<input type="checkbox"/>	Critical Infrastructure

3. Which framework layers cannot be completed until AFTER your dataset (again, the one selected in question 1) is completed?

- Roads
- Airports
- Rails
- Trails
- 2009 NAIP
- DOQQ
- LIDAR
- 10M DEM
- 30M DEM
- Water features
- Watersheds
- Cadastral Reference
- Parcels
- GC Height Mod
- Geothermal Potential
- Solar Potential
- Biomass Potential
- Wind Potential
- Energy Enterprise Zones
- Stipulations

- Telecommunications
- Pipelines
- Power Transmission Lines
- Water Mains
- Sewer Mains
- Service Areas
- Precipitation
- Temperature
- Snowfall
- Floods
- Landslides
- Avalanches
- Faults
- Wildfire
- Volcanic
- City limits
- Counties
- State
- American Indian Reservations
- Elections

- Agency/Program
- Special Service Districts
- Tax Code Areas
- Wetlands
- Wildlife habitat (Eco systems)
- Omernik
- Bailey
- Fish Distribution
- Landuse (actual)
- Landuse (zoning, permitted)
- Landuse (planned)
- Land Cover
- Land Tenure
- Soils
- Geology
- Structures (address points)
- Emergency Service Zones
- Critical Infrastructure

4. **Interdependency** exists where two or more framework datasets need to align correctly relative to each other. For example the roads framework needs to be properly aligned with the hydrographical dataset so that roads and rivers are positioned correctly relative to each other.

Which of the following framework layers are interdependent with the layer you selected in Question 1.

<input type="checkbox"/>	Roads	<input type="checkbox"/>	Telecommunications	<input type="checkbox"/>	Agency/Program
<input type="checkbox"/>	Airports	<input type="checkbox"/>	Pipelines	<input type="checkbox"/>	Special Service Districts
<input type="checkbox"/>	Rails	<input type="checkbox"/>	Power Transmission Lines	<input type="checkbox"/>	Tax Code Areas
<input type="checkbox"/>	Trails	<input type="checkbox"/>	Water Mains	<input checked="" type="checkbox"/>	Wetlands
<input checked="" type="checkbox"/>	2009 NAIP	<input type="checkbox"/>	Sewer Mains	<input checked="" type="checkbox"/>	Wildlife habitat (Eco systems)
<input type="checkbox"/>	DOQQ	<input type="checkbox"/>	Service Areas	<input type="checkbox"/>	Omernik
<input type="checkbox"/>	LIDAR	<input checked="" type="checkbox"/>	Precipitation	<input type="checkbox"/>	Bailey
<input type="checkbox"/>	10M DEM	<input checked="" type="checkbox"/>	Temperature	<input type="checkbox"/>	Fish Distribution
<input type="checkbox"/>	30M DEM	<input checked="" type="checkbox"/>	Snowfall	<input type="checkbox"/>	Landuse (actual)
<input type="checkbox"/>	Water features	<input checked="" type="checkbox"/>	Floods	<input type="checkbox"/>	Landuse (zoning, permitted)
<input type="checkbox"/>	Watersheds	<input checked="" type="checkbox"/>	Landslides	<input type="checkbox"/>	Landuse (planned)
<input type="checkbox"/>	Cadastral Reference	<input checked="" type="checkbox"/>	Avalanches	<input type="checkbox"/>	Land Cover
<input type="checkbox"/>	Parcels	<input type="checkbox"/>	Faults	<input type="checkbox"/>	Land Tenure
<input type="checkbox"/>	GC Height Mod	<input checked="" type="checkbox"/>	Wildfire	<input checked="" type="checkbox"/>	Soils
<input type="checkbox"/>	Geothermal Potential	<input type="checkbox"/>	Volcanic	<input type="checkbox"/>	Geology
<input checked="" type="checkbox"/>	Solar Potential	<input type="checkbox"/>	City limits	<input type="checkbox"/>	Structures (address points)
<input checked="" type="checkbox"/>	Biomass Potential	<input type="checkbox"/>	Counties	<input type="checkbox"/>	Emergency Service Zones
<input type="checkbox"/>	Wind Potential	<input type="checkbox"/>	State	<input type="checkbox"/>	Critical Infrastructure
<input type="checkbox"/>	Energy Enterprise Zones	<input type="checkbox"/>	American Indian Reservations		
<input type="checkbox"/>	Stipulations	<input type="checkbox"/>	Elections		

5. Some framework datasets **impact** the data found in other framework datasets. For example, soil type is one of the drivers determining the vegetation growing on those soils. Elevation is one of many factors impacting erosion, and thus soil type. Understanding impacts can help with the QA/QC of data.

Which of the following framework datasets *are impacted by* the layer you selected in question 1?

<input type="checkbox"/>	Roads
<input type="checkbox"/>	Airports
<input type="checkbox"/>	Rails
<input type="checkbox"/>	Trails
<input type="checkbox"/>	2009 NAIP
<input type="checkbox"/>	DOQQ
<input type="checkbox"/>	LIDAR
<input type="checkbox"/>	10M DEM
<input type="checkbox"/>	30M DEM
<input checked="" type="checkbox"/>	Water features
<input type="checkbox"/>	Watersheds
<input type="checkbox"/>	Cadastral Reference
<input type="checkbox"/>	Parcels
<input type="checkbox"/>	GC Height Mod
<input type="checkbox"/>	Geothermal Potential
<input type="checkbox"/>	Solar Potential
<input checked="" type="checkbox"/>	Biomass Potential
<input type="checkbox"/>	Wind Potential
<input type="checkbox"/>	Energy Enterprise Zones
<input type="checkbox"/>	Stipulations

<input type="checkbox"/>	Telecommunications
<input type="checkbox"/>	Pipelines
<input type="checkbox"/>	Power Transmission Lines
<input type="checkbox"/>	Water Mains
<input type="checkbox"/>	Sewer Mains
<input type="checkbox"/>	Service Areas
<input type="checkbox"/>	Precipitation
<input type="checkbox"/>	Temperature
<input type="checkbox"/>	Snowfall
<input type="checkbox"/>	Floods
<input type="checkbox"/>	Landslides
<input type="checkbox"/>	Avalanches
<input type="checkbox"/>	Faults
<input checked="" type="checkbox"/>	Wildfire
<input type="checkbox"/>	Volcanic
<input type="checkbox"/>	City limits
<input type="checkbox"/>	Counties
<input type="checkbox"/>	State
<input type="checkbox"/>	American Indian Reservations
<input type="checkbox"/>	Elections

<input type="checkbox"/>	Agency/Program
<input type="checkbox"/>	Special Service Districts
<input type="checkbox"/>	Tax Code Areas
<input checked="" type="checkbox"/>	Wetlands
<input checked="" type="checkbox"/>	Wildlife habitat (Eco systems)
<input type="checkbox"/>	Omernik
<input type="checkbox"/>	Bailey
<input checked="" type="checkbox"/>	Fish Distribution
<input checked="" type="checkbox"/>	Landuse (actual)
<input checked="" type="checkbox"/>	Landuse (zoning, permitted)
<input type="checkbox"/>	Landuse (planned)
<input type="checkbox"/>	Land Cover
<input type="checkbox"/>	Land Tenure
<input checked="" type="checkbox"/>	Soils
<input type="checkbox"/>	Geology
<input type="checkbox"/>	Structures (address points)
<input type="checkbox"/>	Emergency Service Zones
<input type="checkbox"/>	Critical Infrastructure

6. Which of the following framework datasets *have an impact on* the dataset you selected in question 1?

<input type="checkbox"/>	Roads	<input type="checkbox"/>	Telecommunications	<input type="checkbox"/>	Agency/Program
<input type="checkbox"/>	Airports	<input type="checkbox"/>	Pipelines	<input type="checkbox"/>	Special Service Districts
<input type="checkbox"/>	Rails	<input type="checkbox"/>	Power Transmission Lines	<input type="checkbox"/>	Tax Code Areas
<input type="checkbox"/>	Trails	<input type="checkbox"/>	Water Mains	<input type="checkbox"/>	Wetlands
<input type="checkbox"/>	2009 NAIP	<input type="checkbox"/>	Sewer Mains	<input type="checkbox"/>	Wildlife habitat (Eco systems)
<input type="checkbox"/>	DOQQ	<input type="checkbox"/>	Service Areas	<input type="checkbox"/>	Omernik
<input type="checkbox"/>	LIDAR	<input checked="" type="checkbox"/>	Precipitation	<input type="checkbox"/>	Bailey
<input type="checkbox"/>	10M DEM	<input checked="" type="checkbox"/>	Temperature	<input type="checkbox"/>	Fish Distribution
<input type="checkbox"/>	30M DEM	<input checked="" type="checkbox"/>	Snowfall	<input checked="" type="checkbox"/>	Landuse (actual)
<input checked="" type="checkbox"/>	Water features	<input checked="" type="checkbox"/>	Floods	<input checked="" type="checkbox"/>	Landuse (zoning, permitted)
<input type="checkbox"/>	Watersheds	<input checked="" type="checkbox"/>	Landslides	<input type="checkbox"/>	Landuse (planned)
<input type="checkbox"/>	Cadastral Reference	<input checked="" type="checkbox"/>	Avalanches	<input type="checkbox"/>	Land Cover
<input type="checkbox"/>	Parcels	<input type="checkbox"/>	Faults	<input type="checkbox"/>	Land Tenure
<input type="checkbox"/>	GC Height Mod	<input checked="" type="checkbox"/>	Wildfire	<input checked="" type="checkbox"/>	Soils
<input type="checkbox"/>	Geothermal Potential	<input checked="" type="checkbox"/>	Volcanic	<input checked="" type="checkbox"/>	Geology
<input checked="" type="checkbox"/>	Solar Potential	<input type="checkbox"/>	City limits	<input type="checkbox"/>	Structures (address points)
<input type="checkbox"/>	Biomass Potential	<input type="checkbox"/>	Counties	<input type="checkbox"/>	Emergency Service Zones
<input type="checkbox"/>	Wind Potential	<input type="checkbox"/>	State	<input type="checkbox"/>	Critical Infrastructure
<input type="checkbox"/>	Energy Enterprise Zones	<input type="checkbox"/>	American Indian Reservations		
<input type="checkbox"/>	Stipulations	<input type="checkbox"/>	Elections		

7. Please provide your contact information here.

Keith Weber and Wilma Robertson

8. Is there anything else you would like add? Thank you for your input.