

## ***ISO Theme Data Organization Definitions***

**Boundaries:** (ISO Code – boundaries) Contains boundaries of a political nature only. (i.e. municipal, provincial, wards, polls) Where possible boundaries per say are to be stored in their subject matter location.

**Biota:** (ISO Code – biota) Focus on “naturally occurring”. Biological and ecological subject matters referring to naturally occurring flora and fauna. Datasets describing wildlife, biological sciences, ecology, wilderness, sea life, wetlands, and habitats. (i.e. wetlands, ansi, esa, forested areas in general)

**ClimateGeosc:** (ISO Code – climatologyMeteorologyAtmosphere or geoscientificInformation depending on the data) This category refers to atmospheric conditions, cloud cover, weather, climate change, and precipitation (climatology, meteorology, atmosphere). As well as, geological, geophysical, and geoscientific information such as geophysical features and processes, minerals, the composition, structure and origin of the earth's rocks, earthquakes, volcanic activity, landslides, gravity information, soils, permafrost, hydrogeology, and erosion. Currently we only have soil data that would fall under this category.

**Economy:** (ISO Code – economy) Business and economic activities or employment. Datasets describing labor, revenue, commerce, industry, tourism and ecotourism, forestry, fisheries, commercial or subsistence hunting, and exploration and exploitation of resources such as minerals, oil, and gas.

**Elevation:** (ISO Code – elevation) Height above or below sea level. For example, resources describing altitude, bathymetry, digital elevation models, slope, contours and products derived from this information.

**Environment:** (ISO Code – environment) Focus on “protection and conservation” as defined by man. This category refers to environmental resources, protection, and conservation. Datasets describing pollution, waste storage and treatment, environmental impact assessment, environmental risk, and nature reserves. (i.e. conservation areas, greenlands, moraine, regional forests)

**Farming:** (ISO Code – farming) Focus Agriculture and farming refers to the rearing of animals or cultivation of plants. For example, resources describing irrigation, aquaculture, herding, and pests and diseases affecting crops and livestock.

**Health:** (ISO Code – health) Focus on “human health and human safety”. This category refers to health services, human ecology, and safety. Datasets describing human disease and illness, factors affecting health, hygiene, mental and physical health, substance abuse, and health services (i.e. hospitals, long term care facilities). As well, as services that provide human safety such as EMS, fire and police.

**Imagery:** (ISO Code – imageryBaseMapsEarthCover) This category refers to orthophotography only.

**InlandWaters:** (ISO Code – inlandWaters) Inland water features, drainage systems, and their characteristics. Datasets describing rivers and glaciers, salt lakes, water use plans, dams, currents, floods, water quality, and hydrographic charts. (i.e. watercourses, water bodies, watershed)

**Location:** (ISO Code – location) Locations and geodetic networks. This category refers to positional information and services. Datasets describing addresses, geodetic networks, postal zones and services, control points, and place names. (i.e. address points, postal codes, benchmarks)

**PlanningCadastre:** (ISO Code – planningCadastre) This category refers to zoning maps, cadastral surveys, and landownership. (i.e. parcels, development tracking, official plans, zoning). As well, the scanned plans relating to these topics would also be stored in this location.

**Society:** (ISO Code – society) Characteristics and demographics of societies and cultures. Datasets describing natural settlements, anthropology, archaeology, traditional beliefs, manners and customs, demographic data, recreational areas and activities, social impact assessments, and census information. (i.e. historical development, census tracts, parks and recreational facilities)

**Structures:** (ISO Code – structure) Facilities or structures that were man-made constructions. Datasets describing buildings, museums, churches, factories, housing, monuments, and towers. (i.e. schools, daycares, social housing, municipal offices).

**Transportation:** (ISO Code – transportation) The means and aids for conveying people and goods for “purpose” rather than pleasure. Datasets describing roads, airports and airstrips, shipping routes, tunnels, nautical charts, vehicle or vessel location, aeronautical charts, and railways. (trails would not be included here)

**UtilitiesComm:** (ISO Code – utilitiesCommunication) Energy, water and waste systems, and communications infrastructure, services and networks. Datasets describing hydroelectricity, geothermal, solar, and nuclear sources of energy, water purification and distribution, sewage collection and disposal, electricity and gas distribution, data communication, telecommunication, radio, and communication networks.