Help for Selected NJGIN Core Metadata Elements ArcGIS Online Editor

https://njgin.state.nj.us/oit/gis/NJ_NJGINExplorer/docs/MD_AGOL_Item_help.pdf

Version 1.1

This document has three sections.

Section I   ISO Topic Category Descriptions

ISO 19115 Topic Category codes[1]: **For all metadata records**, include one of the following ISO Topic Category codes, which expresses the Primary Theme of the data set, map, service, or application. In the ArcGIS Online Editor, this entry is a check box. In the list below, numeric (three digit numbers as text) codes are provided for reference only (they have since been deprecated.)

- **biota   002**   for naturally-occurring flora and fauna, such as wildlife, biological sciences, ecology, wilderness, sea life, wetlands, habitats

- **boundaries   003**   for administrative and political boundaries, i.e. legal land descriptions

- **climatologyMeteorologyAtmosphere   004**   for atmospheric processes and phenomena, such as cloud cover, weather, atmospheric conditions, climate change, precipitation

- **economy   005**   for economic activities or employment, such as labor, revenue, commerce, industry, tourism, ecotourism, forestry, fisheries, commercial or subsistence hunting, exploration and exploitation of minerals, oil, gas

- **elevation   006**   for height above or below sea level, such as altitude, bathymetry, digital elevation models, slope, and products derived from the preceding

- **environment   007**   for environmental resources, protection, and conservation, such as pollution, waste storage and treatment, environmental impact assessment, environmental risk, and nature reserves

- **farming   001**   for agriculture and farming, including the rearing of animals or cultivation of plants. For example, irrigation, aquaculture, herding, pests and diseases affecting crops and livestock

- **geoscientificInformation   008**   for geological, geophysical, and other earth science information, such as minerals, rock structure, rock composition, rock origin, earthquakes, volcanic activity, landslides, gravity, soils, permafrost, hydrogeology, erosion

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[1] Derived from *ISO Draft International Standard: Geographic information -- Metadata (ISO/DIS 19115), 2001, Section B.5.27 MD_TopicCategoryCode<<CodeList>> (pp. 85-86)*; *Creating and Using Metadata Services, 2002, ESRI, Chapter 4 – Publishing metadata in ArcCatalog; and NOAA EDM ISO 19115 and 19115-2 CodeList Dictionaries - MD_TopicCategoryCode at https://geo-ide.noaa.gov/wiki/index.php?title=ISO_19115_and_19115-2_CodeList_Dictionaries#MD_TopicCategoryCode*. Numeric domain codes are from https://geo-ide.noaa.gov/wiki/index.php?title=ISO_Topic_Categories.

- **health   009**   for human health and disease, health services, human ecology, and safety, such as human disease, human illness, factors affecting health, hygiene, mental and physical health, substance abuse

- **imageryBaseMapsEarthCover   010**   for base maps, such as land cover, topographic maps, classified and unclassified images.

- **intelligenceMilitary   011**   for military bases, structures, and activities, such as barracks, training grounds, military transportation, military information collection

- **inlandWaters   012**   for inland water features and drainage systems, such as rivers, glaciers, salt lakes, water use plans, dams, currents, floods, water quality, hydrographic charts

- **location   013**   for positional information and services, such as addresses, geodetic networks, postal zones and services, control points, place names

- **oceans 014**   for features and characteristics of salt water bodies excluding inland waters, such as tides, tidal waves, coastal information, reefs

- **planningCadastre   015**   for land use, such as zoning maps, cadastral surveys, land ownership

- **society   016**   for characteristics of societies and cultures, such as natural settlements, anthropology, archaeology, education, traditional beliefs, manners and customs, demographic data, crime and justice, recreational areas and activities, social impact assessments, census information

- **structure   017**   for man-made construction, such as buildings, museums, churches, factories, housing, monuments, and towers

- **transportation   018**   for transportation networks, the means and aids for conveying people and goods, such as roads, airports, airstrips, shipping routes, tunnels, nautical charts, vehicle or vessel location, aeronautical charts, railways

- **utilitiesCommunication 019**   for energy, water, and waste systems, and communications infrastructure and services, such as 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.

- **extraTerrestrial**   for region more than 100 km above the surface of the Earth

- **disaster**   for information related to disasters. Examples: site of the disaster, evacuation zone, disaster-prevention facility, disaster relief activities.

Section II   Use Limitation (Constraint) Language

The language below is sample language. Replace organization name and *State* as appropriate. The sample language should be altered if the data ARE survey data, and/or if a license is required in order to use the data.

The language below includes both General Constraints (Use Constraints) and Legal Constraints (Distribution Liability) because Open Data Item pages display only one field.

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This data set is not survey data and must not be used as survey data. See the balance of this metadata record for conditions that limit appropriate uses.

Acknowledgement of the data set provider, NJ Office of Information Technology, Office of GIS (NJOGIS), would be appreciated for maps, data or other products derived from this data set.

The State of New Jersey makes great effort to provide secure, accurate, and complete data and metadata. However, portions of the data and metadata may be incorrect or not current. Any errors or omissions should be reported for investigation.

The State of New Jersey, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of data and metadata, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such data and metadata, or damages incurred from the viewing, distributing, or copying of those materials.

The data and metadata are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the data and metadata, or its hyperlinks to other Internet resources.
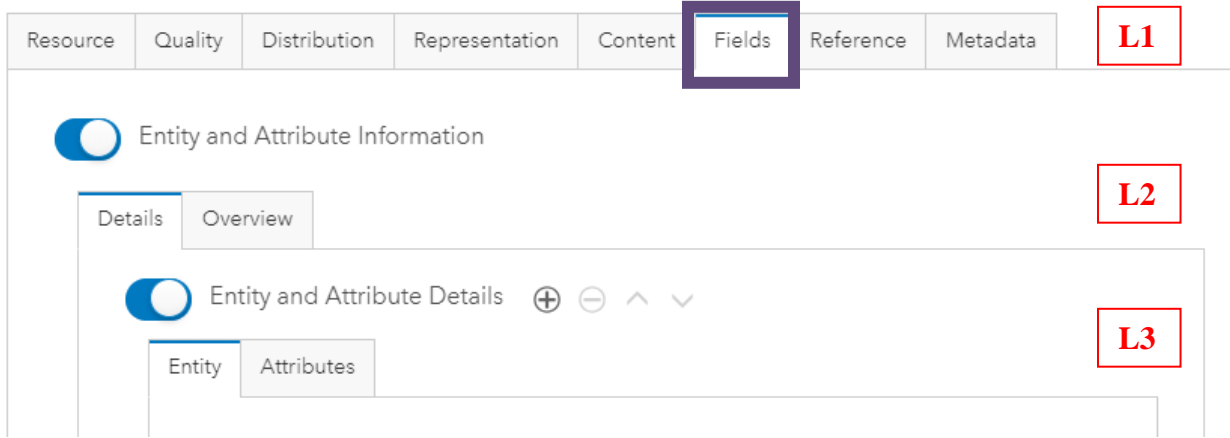
The State disclaims any duty or obligation either to maintain availability of or to update the data and metadata.

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Section III   Entity and Attribute Descriptions

Addition of these elements/fields to those in NJGIN Core will forestall numerous phone calls, especially for popular data sets with obscure attribute labels.

Format for the material below is the same as for the Element/field descriptions in *NJGIN Core: Simple Documentation with the ArcGIS Online Metadata Editor* (MD_NJGIN_core_AGOL.pdf.)

❖ **Fields** tab L1
    Entity and Attribute Information [slide on]
    Details tab L2
        Entity and Attribute Details [slide on]
        Entity tab L3
            ☆ Label [of the Entity, aka data set file name]
            ☆ Definition
            ☆ Definition Source
            ☆ Object
            ☆ Count

        Attributes tab L3 > **Attribute** [slide on] For each attribute, add a numbered tab ⊕ L4
            Description tab L5
                ☆ Label [of the Attribute]
                ☆ Alias [if different from label]
                ☆ Definition
                ☆ Definition Source
                ☆ Type
                ☆ Width
            Domain tab L5
                Domain Choose Correct Domain type tab L6
                Codeset Domain – for attributes whose values come from a published list of codes.
                    ☆ Name [Title of the published code set]
                    ☆ Source [Actionable URL to the code set definition document. If none available, bibliographic information for the print publication.]
                Range Domain – for attributes whose contents come from a range of real numbers.
                    ☆ Minimum value [Preferably for theoretical limit. If none, for actual min.]
                    ☆ Maximum value
                Unrepresentable Domain – for attributes whose contents cannot be described by any of the other three choices.
                    ☆ Verbal description of attribute contents
                Enumerated Domain – for attributes whose contents come from a list of codes or short names, each of which corresponds to a longer definition or description.

                In spite of the name, the codes may be numbers, text, or a combination. Similar to a Codeset, except in this case, the code list applies only to this data set, rather than being published elsewhere as a standard.

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A separate Enumerated Domain tabbed section is added for each value for a given attribute. This is the only one of the four that can and should be repeated for a single attribute. For one value for this attribute, enter:

- ☆ Value
- ☆ Definition
- ☆ Definiton Source

Then, still on the same numbered Attribute tab, add another Domain ⊕ , choose Enumerated, and fill in the three fields for the second value. Repeat until all possible values for this attribute have been described.

Version History

Version 1.1: Re-released 2019-0502. Added Entity and Attribute guidance section; format changes; other minor editorial changes.