

FWS Metadata Tools

This voluntary questionnaire is intended to provide a preliminary assessment of the metadata authoring tools that are in use by USFWS staff. The information will be used by the Service's Data Science Committee, Metadata Working Group to identify the tools that staff use to author, convert or otherwise process metadata for geospatial and non-geospatial digital resources. The results will help to inform the Data Governance Board about the types of support, training and tools that will be needed by service staff to achieve our metadata-related goals. **All responses are anonymous.**

Keep the following definitions in mind when responding:

- **Data.** Broadly defined to include all recorded digital information in a structured or unstructured form, including, but not limited to: images, databases, raw data and reports. Data is used synonymously with "data resource" or "resource".
- **Geospatial Data.** Data that includes information that can be used to locate the dataset, or portion of the dataset at a specific geographic location.
- **Non-Geospatial Data.** Data that does not include a geospatial component.
- **Metadata.** Descriptive information about a data resource.

* Required

What is your primary program area? *

- Ecological Services
- External Affairs
- Fish and Aquatic Conservation
- Joint Administrative Operations
- Information Resources and Technology Management
- International Affairs
- Law Enforcement
- Migratory Birds
- National Wildlife Refuge System
- Science Applications
- Wildlife and Sport Fish Restoration
- Other FWS program

General awareness of metadata tools

This question is intended to identify the extent to which staff are aware of various metadata tools.

Please indicate if you are aware of or have used any of the listed metadata tools. Include those that you may have become aware of or used while working outside of the FWS. *

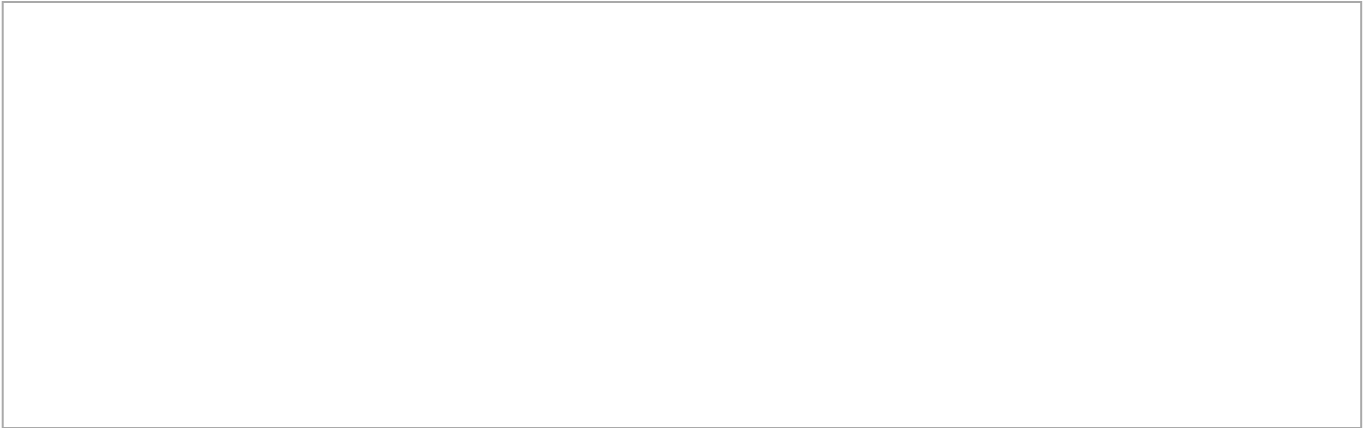
Note:

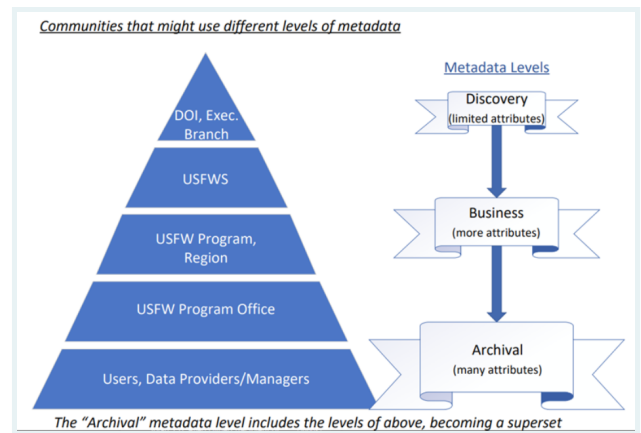
- Some tools have multiple functions. When responding, **consider only the the metadata-related functions** of the tool.
- When interpreting the extent of tool use ("*Currently use it or have used it occasionally*"), consider tasks such as creating, importing, converting, validating or otherwise processing metadata that you have performed as part of a production workflow.

	Never heard of it	Heard of it but haven't used it	Tried it a few times to check it out	Currently use it or have used it occasionally	Can't do my job without it
ArcMap Desktop metadata editor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ArcPro Desktop metadata editor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ArcGIS Online metadata editor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EPA Metadata Editor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
USGS Metadata Wizard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
USGS Online Metadata Editor (OME)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
USGS TKME	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
USGS Metadata Parser (mp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
mdEditor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ServCat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oxygen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
XMLSpy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
XML Notepad	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4/25/2022 BLM BasicXMLCreator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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If you have used any tools not listed above please add them below.

A large, empty rectangular box with a thin black border, intended for the user to list any tools not mentioned in the previous section.



Which level(s) of metadata have you created? *

Description of levels

- **Discovery** - Allows the resource to be uniquely identified, generally assessed for fitness and quality, and accessed. These fields are often used by metadata "catalogs" to index data resources, and associations among records are defined at this level.
- **Business** - Documents specific operational needs concerned with administration and management of the resource. This level identifies roles and responsibilities related to the data. Some information in the metadata may have practical use only within the context of the organization, e.g., a URL pointing to a local network server, detailed funding allocations, or keyword themes used to classify data resources according to operational objectives.
- **Archival** - Allows the data to be consumed and integrated independent of its original creator. Archival metadata may have expanded abstracts, data quality information, and supplemental information needed to understand and use the data resource. Lineage and data dictionaries are important elements included at this level.

Discovery

Business

Archival

None

Unsure

What concerns would you have if the Service decided to adopt a metadata authoring tool?

- Time it will take to learn how to use a new tool
- Features or services in my preferred tool that would not be available in other tools
- Specific fields in the CSDGM standard available in my preferred tool but not in other tools
- Ease of use of my preferred tool versus other tools
- I don't have any concerns
-

Other

Geospatial Metadata

This section relates to creating geospatial metadata for the FWS. When responding, think only about your **current position or any previous positions in the FWS**. A geospatial data resource includes information that can be used to locate the dataset, or portion of the dataset at a specific geographic location. (Shapefile, geodatabase, geoJSON, remotely sensed image, etc.)

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Have you authored or edited ***geospatial*** metadata **while working for the FWS?** *

Yes

No

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What is your involvement with regard to geospatial metadata? *

Author my own

Edit metadata created by others

Review or approve metadata created by others

Other

Content Standard for Digital Geospatial Metadata

This section relates to the authoring of geospatial metadata that complies with the Federal Geographic Data Committee Content Standard for Digital Geospatial Metadata (CSDGM). Remember, think about this only in the context of the FWS and not the instances when you may have done this for other organizations.

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Have you created **CSDGM compliant *geospatial*** metadata **while working for the FWS?** *

Yes

No

Which CSDGM metadata authoring tools **have you used** while with the FWS? *

Select the tools that you have use when authoring CSDGM compliant metadata for the FWS. If you have used tools that are not listed please add them to the "other" selection.

- I do not or have not created CSDGM geospatial metadata for the Service
 - ArcMap Desktop
 - ArcPro Desktop
 - ArcGIS Online
 - EPA Metadata Editor
 - USGS Metadata Wizard
 - USGS Online Metadata Editor (OME)
 - TKME (USGS)
 - mdEditor
 - ServCat
 - Generated automatically by software (e.g. ArcGIS, NetCDF)
 - A template in a text editor (e.g., NotePad, NotePad++, TextEdit)
 - A template or schema in an XML editor (e.g., Oxygen, XMLSpy, XML Notepad)
 -
- Other

If you use multiple tools to create a single metadata record briefly describe your workflow, (e.g. metadata records are initiated using a template in XMLSpy, imported into ArcGIS Desktop and uploaded to ArcGIS Online).

ISO Geospatial Metadata

This section relates to the authoring of geospatial metadata that complies with the International Organization for Standardization (ISO) 19115-series of metadata standards. Remember, think about this only in the context of the FWS and not the instances when you may have done this for other organizations.

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Have you created **ISO compliant *geospatial*** metadata **while working for the FWS?**

*

Yes

No

Which ISO metadata authoring tools **have you used** while with the FWS? *

Select the tools that you have use when authoring ISO compliant metadata for the FWS. If you have used tools that are not listed please add them to the "other" selection.

- I do not or have not created ISO geospatial metadata for the Service
 - ArcMap Desktop
 - ArcPro Desktop
 - ArcGIS Online
 - EPA Metadata Editor
 - USGS Metadata Wizard
 - USGS Online Metadata Editor (OME)
 - TKME (USGS)
 - mdEditor
 - ServCat
 - Generated automatically by software (e.g. ArcGIS, NetCDF)
 - A template in a text editor (e.g., NotePad, NotePad++, TextEdit)
 - A template or schema in an XML editor (e.g., Oxygen, XMLSpy, XML Notepad)
 -
- Other

If you use multiple tools to create a single metadata record briefly describe your workflow, (e.g. metadata records are initiated using a template in XMLSpy, imported into ArcGIS Desktop and uploaded to ArcGIS Online).

Non-Geospatial Metadata

This section relates to creating non-geospatial metadata for the FWS. When responding, think about your **current position or any previous positions in the FWS**. A non-geospatial data resource is anything other than a geospatial data resource. Non-spatial resources could include Word Documents, PDF files, CSV files, Excel spreadsheets, Access databases, etc.

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Have you created ***non-geospatial*** metadata **while working for the FWS?** *

Yes

No

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What is your involvement with regard to non-geospatial metadata? *

Author my own

Edit metadata created by others

Review or approve metadata created by others

Other

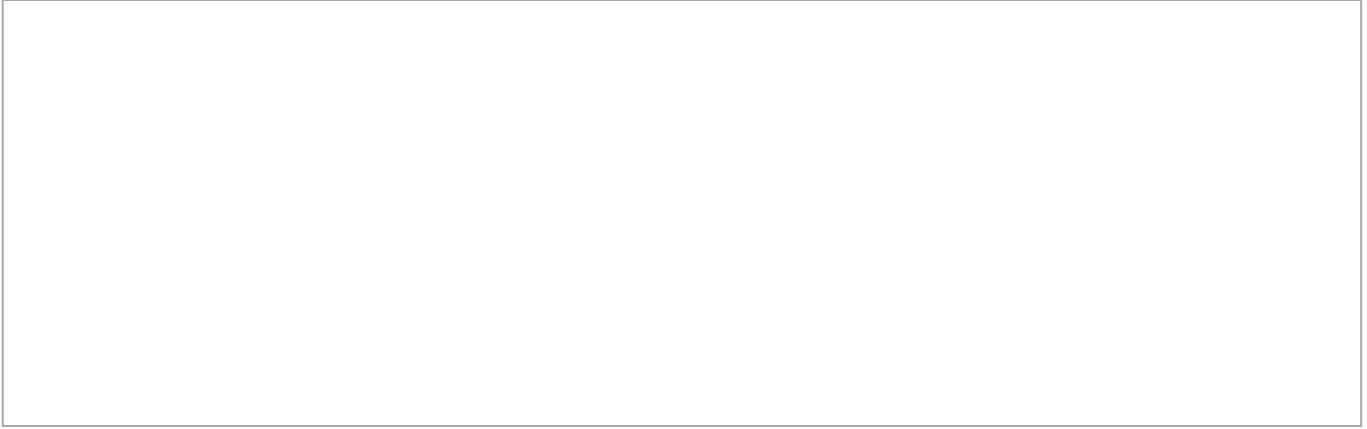
Which metadata authoring tools **have you used while with the FWS? ***

Select the tools that you have use when authoring non-geospatial metadata for the FWS. If you have used tools that are not listed please add them to the "other" selection.

- I do not or have not created non-geospatial metadata for the Service
 - ArcMap Desktop
 - ArcPro Desktop
 - ArcGIS Online
 - EPA Metadata Editor
 - USGS Metadata Wizard
 - USGS Online Metadata Editor (OME)
 - TKME (USGS)
 - mdEditor
 - ServCat
 - Generated automatically by software (e.g. ArcGIS, NetCDF)
 - A template in a text editor (e.g., NotePad, NotePad++, TextEdit)
 - A template or schema in an XML editor (e.g., Oxygen, XMLSpy, XML Notepad)
 -
- Other

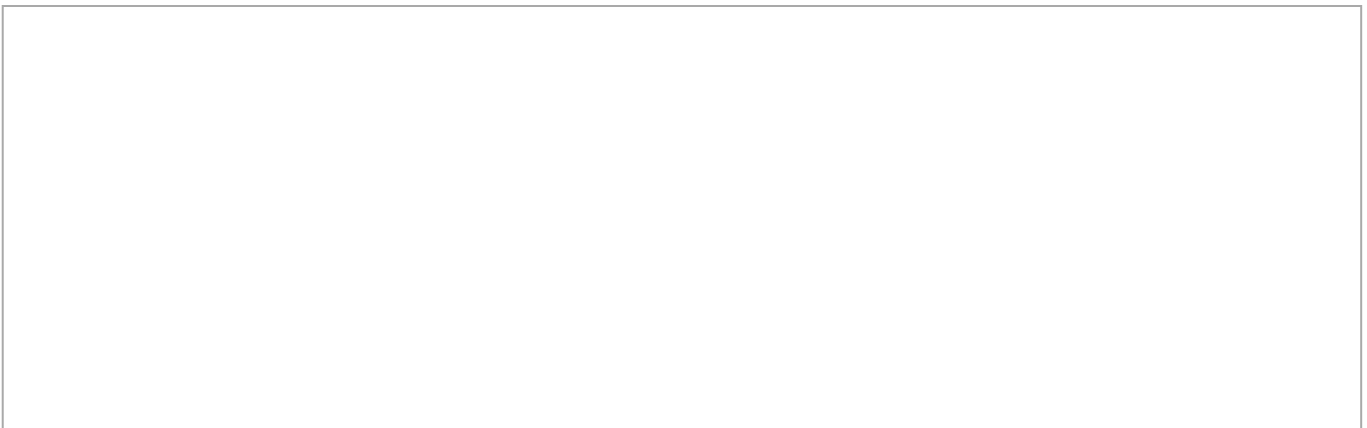
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If you use multiple tools to create a single metadata record briefly describe your workflow, (e.g. metadata records are initiated using a template in XMLSpy, edited using NotePad and imported into ServCat).



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Please list the metadata standards that you most frequently use when creating non-geospatial metadata.



Follow-up

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(OPTIONAL) If you are willing to be contacted for follow-up questions please enter your email address below:

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