



Other Resources

Here is a list of other resources that you might want to check when you have questions on the job. Also, feel free to call any instructor or participant for help.

General Metadata Education

FGDC metadata website: www.fgdc.gov/metadata/metadata.html

University of Wisconsin, NSGIC Online Metadata primer: A "How to" Guide on Metadata Implementation: rat.lic.wisc.edu/metadata/metaprim.htm

Louisiana Geographic Information Center Metadata Workbook Online: A Guide for Metadata Creation: lagic.lsu.edu/metadata/workbook

Content Standard for Geospatial Metadata

Image map of the CSDGM Version 2 by Susan Stitt, USGS-NBS:
www.its.nbs.gov/fgdc/metadata/version2

CSDGM Workbook (*The Green Book*), Version 2: fgdc.gov/metadata/meta_workbook.html

Cliffy's Notes on the CSDGM (important, difficult, and misinterpreted elements):
badger.state.wi.us/agencies/wlib/sco/metex/lowlite.htm

Geospatial data converters

Mentor Software Freeware converter (deg/min/sec to decimal degrees):
www.mntrsoft.com/freebie/free1198.htm

Chuck Taylor Freeware Toolbox (UTM to Lat/long converter and other GPS/GIS tools): home.hiwaay.net/~taylorc/toolbox/geography/geoutm.html

FGDC Clearinghouse

FGDC tutorial on setting up a clearinghouse node: fgdc.gov/clearinghouse/tutorials/howto.html

Search for Geographic Data, FGDC, National Geospatial Data Clearinghouse:
130.11.52.178/gateways.html

**Don't Duck
Metadata**



Metadata creation tools

USGS Metadata Editor (xtme): geology.usgs.gov/tools/metadata/toolsdoc/xtme.html

Corpsmet 95 metadata creation freeware from USACE: corpsgeol.usace.army.mil

National Biological Information Infrastructure (NBII) Metamaker tool for biological data: (Useful for documenting biological data, this is a standalone tool.): <http://www.umesc.usgs.gov/metamaker/nbiimker.html>

NOAA Coastal Services Center's ArcView® Metadata Collector Extension (Useful for those using ArcView GIS to create data sets, this tool is an ArcView extension): csc.noaa.gov/metadata/text/download.html

USGS National Biological Resource Division Metamaker: umesc.usgs.gov/metamaker/nbiimker.html

Tools for Creating and Reviewing Metadata: csc.noaa.gov/metadata/text/metatools.htm

DataTracker® Commercial Metadata Software: www.theaxongroup.com/tracker.html

Spatial Metadata Manager Software (SMMS): www.rtsnetworksusa.com/html/smms3oh/smms.htm

Metadata validation software

USGS Metadata Parser (mp): geology.usgs.gov/tools/metadata/tools/doc/mp.html

USGS Metadata Pre-parser (Chew 'n Spit – CNS): geology.usgs.gov/tools/metadata/tools/doc/cns.html

Navy-developed online implementation of mp to perform CSDGM validation: www.mel.nrlmry.navy.mil/mel-bin/meta-val

Others

❑ **What Is Metadata?** www.csc.noaa.gov/metadata/text/whatismet.htm

❑ **The Value of Metadata:** www.csc.noaa.gov/metadata/text/metatools.htm

❑ **FGDC Metadata Brochure:** fgdc.er.usgs.gov/publications/documents/metadata/metabroc.html

❑ **What Metadata Is and Why It's Important:** badger.state.wi.us/agencies/wlib/sco/pages/qa-meta.htm

❑ **Frequently Asked Questions on FGDC Metadata:** geology.usgs.gov/tools/metadata/tools/doc/faq.html

❑ **Metadata in Plain Language:** geology.usgs.gov/tools/metadata/tools/doc/ctc/prevwork.shtml