September Documentation Telecon

Sept 19, 2012

Attendees: Erin Robinson, Kelly Monteleone, Aleksandar Jelenak, Steven Aulenbach, Ted Habermann, Ann Keane, and Greg Frost

1. Air Quality (AQ) Community Documentation: Publishing and Using ISO 19115 Metadata (by Erin, Ted, and Rudy Husar)
* AQ has variety of data (ex. Emission, satellite, population, models) and are producing secondary products
* Formed the AQ Data Network
	+ Use WCS (NetCDF – CF)
* <http://bit.ly/QjApLF> - spread sheet of AQ metadata needs
* See metadata as a spiral
	+ 1. Collect all existing documentation
		2. ID community/project specific metadata needs
		3. With expert help – examine standards and guidelines
		4. Validate with schema and schematrons
		5. Publish
		6. Iterate –as data evolves
* Request for Documentation Cluster
	+ Expand the NOAA GEO-IDE wiki (<https://geo-ide.noaa.gov/wiki/index.php?title=Main_Page>)
	+ Code list definitions
	+ Examples of metadata – specifically Hierarchical metadata with sensors on platforms, etc.
* (Ted) the difficult part is bring communities together
	+ GEO MS – reads likes CF but not CF it was/is a NASA standard
	+ Greg – It is project specific
* (Ted) The issue is still what is lost in translation
* (Greg) At Dublin meeting, happy that group was able to agree on one or two standards
* (Steve) worked in various fields (ecology/enviro sustain/archaeology)
	+ Groups usually lay out a few requirements & then think they have done enough to code
	+ Thing being done in complete ignorance of other research
	+ Think ESIP is the place to work on this
* (Greg) in Dublin – repeated the same exercise of defining fields that were needed
	+ Some people needed it – it was a way to wrap mind around the problem
* (Ann) – there is no standard that crosses all the standards – most are not aware of what is needed to cross disciplines
1. Ted – Crosswalk
	* Described the crosswalk and its element (see previous notes for description of spirals and dialects)
	* Looking for more standard way for the data - ?ontology
	* But has new and better ways to transform the data
		+ - Html – table
			- Wiki - <http://wiki.esipfed.org/index.php/Documenting_People>
	* Discussed data.gov
	* Brought up ISO code lists on the NOAA EDM wiki
		1. Discussed how there are different terms because some groups thought they didn’t overlap
2. Open discussion
	* (Kelly) – NISO metadata talk – discussed grouping metadata into simple, simple-moderate, and complex based on the number and types of terms – thinks it could help with scales of transformation
		1. (Ted) simply = discovery… working with same time of system
	* (Ted) Add Quantifying the change between standards to next meeting agenda
	* (Alek) will send terms to CF list – group oked
	* Next meeting set for Oct 17 at noon EST