

“ESIP Data Stewardship Report Out Session” - Wednesday at 1:30 PM PDT, Heather

Notes:

1) Data Stewardship Maturity Matrix

- a) Two sets of evaluations have been completed during the first half of the year.
 - i) First evaluation is with ACADIS.
 - ii) The second evaluation is with NCAR Research Data Archive (RDA) and Santa Barbara Coastal (SBC) Long Term Ecological Research (LTER).
 - iii) The meeting notes and the evaluation result have been posted on ESIP Data Stewardship wiki under the Data Maturity Matrix link (http://wiki.esipfed.org/index.php/Data_Maturity_Matrix).

2) PCCS

- a) *Eos* article was accepted; the article is currently awaiting publication at a date TBD.
- b) The D-Lib article (link: <http://dx.doi.org/10.1045/july2015-downs> doi: 10.1045/july2015-downs) was published officially today (20150715).
- c) Rama provided a presentation regarding the PCCS.
 - i) Rama would like to push to enable the PCCS to become an ISO standard.
 - (1) Before Rama could submit the prepared PCCS draft to ISO, ISO has accepted another document (ISO 19165) that is very similar in goals to the PCCS.
 - (2) However, ISO 19165 is a framework that provides principles and rules rather than providing the details of content that should be preserved.
 - (3) Rama recommended the supplementary information from PCCS to be added in order for the revision to be presented in the format of ISO 19165-x.
 - (4) An updated draft for comments is expected by end of August, 2015.

3) iSamples

- a) iSamples is a Research Coordination Network from EarthCube.
- b) A session was held on Tuesday, 7/14/2015 as one of the ESIP Summer Meeting sessions.
 - i) The session was well attended, and Sarah R. will solicit more actions during the Planning session.

4) Data Management Training

- a) A group of people who are both members of ESIP and the library community has been formed.
- b) The group has been discussing the promotion and enhancement possibilities for the training modules.
- c) In addition, during a 7/14 session at the ESIP Summer Meeting members from other organizations voiced interest also interested in contributing.

- d) One potential activity might be to establish a clearinghouse for the data management training resources.
 - i) Most likely, the clearinghouse would be focused on the training/education purposes.
- e) Additional resources will be needed, but people are in general enthusiastic about the activity.
- f) Funding
 - i) EarthCube and/or NSF might be a possibility to support the effort to establish a clearinghouse.
 - ii) Additional contacts and collaborators would need to be identified.
- 5) Publication Guidelines / citation
 - a) An effort that allows us to publicize ESIP's effort with audiences outside of its immediate community.
 - b) DOI Implementation at ESDIS
 - i) ESDIS DOI workflow was presented by Lalit Wanchoo (NASA - Adnet Systems).
 - (1) The data providers convey information in advance for the ESDIS to review and help in acquiring the DOIs.
 - (2) A set of principles has been sent to all the DAACs by ESDIS.
 - (a) The DOIs should be available and visible on the landing page of the datasets.
 - (b) Citations of datasets should be available on the landing pages so that users can copy and paste; also automated reformatting citations to various journals' standards should be available.
 - (3) ESDIS should be able to know if any duplicates of the datasets exist outside of NASA environment.
 - (a) Assuming the duplicates are known, the primary copy holder would receive the DOI.
 - (b) Cross reference is one of the solutions that is being proposed for resolving multiple DOIs for the same dataset.
 - (c) Using the elements and relationships provided by DataCite's schema could be another way to allow people to reference multiple DOIs of the same dataset.
 - (i) The related DOIs should be viewable from a particular DOI's metadata.
 - ii) The [Coalition for Publishing Data in the Earth and Space Sciences](#) (COPDESS) will convene a meeting to discuss the placement of DOIs to ensure consistent recognition
 - (1) Planned for October 20-21, 2015 at Oxford, England.
 - (2) COPDESS is also looking into providing DOIs for software.

- (3) The effort is not yet related to RDA's dynamic datasets, but COPDESS would like to invite collaborations with additional communities.

6) Feedback for Student Fellow Projects

- a) PCCS
- b) Data Maturity Matrix
- c) Data Management Training Paper
 - i) <http://dx.doi.org/10.5062/F42805MM>
- d) Attribution and Acknowledgement Framework with Matt Mayernik
 - i) Poster: <http://commons.esipfed.org/node/8029>

7) Other activities:

- a) Is there a referenced list of journal titles for data stewardship?
 - i) It would be especially helpful to compile a list as a reference to people who are approaching data management for the first time.