



Data Management Training (DMT) Clearinghouse Demo & Status Update

**Monday, 2016 October 17
For ESIP Data Stewardship
Committee
By Nancy Hoebelheinrich**

Reminder: Rationale for creating a DMT Clearinghouse



Starting with discussions within ESIP Data Stewardship's DMT Working Group from ESIP Summer 2015 about what researchers need

- ???** What training materials are out there & where are they???
- ???** Which ones make the most sense for me given my domain and timeframe???
- !!!** I want training materials that are associated with the framework that my colleagues use so that we can use the same language!!!

So, we found a funding opportunity!

- Put in a proposal to the USGS Community for Data Integration for seed funding along with:
 - U.S. Geological Survey
 - DataONE
 - ESIP Federation
- Process for approval:
 - CDI Voting – we received many votes & were invited to submit a proposal!
 - Proposal funded & project started in April 2016
 - Special thanks to David Bassendine, our web developer & Drupal expert and our coordinating committee:
 - JC Nelson, USGS (PI)
 - Amber Budden, DataONE
 - Sophie Hou, NCAR
 - Tamar Norkin, USGS (PI)
 - John Faundeen, USGS
 - Matt Mayernik, NCAR

Phase 1 Completed = a soft launch of DMT Clearinghouse this week!



✓ <http://dmtclearinghouse@esipfed.org>



- Hosted on another Drupal instance alongside the ESIP Commons
- Search, browse, submission functionality
- Plan for sustainable, long-lived Clearinghouse using *crowdsourcing*
- *So, we are ready for your submissions or your involvement as a reviewer / editor!*
- Demo

Next Steps: Phase 2 for DMT Clearinghouse



Now...

- **Add to the inventory**
- Have put in another SOI proposal to USGS CDI for FY 2017 for enhancements & outreach
 - **Will hear in early December!!**
 - **If approved, submit full proposal by end of January**
- Conduct usability testing & group content submission to inform technical & UX enhancements



Estimated Timeline for Phase 2 USGS CDI-funded Development, if approved:



	Objectives	Timeline
1	Test user experiences (UX) with Clearinghouse functionality and continue expanding the Clearinghouse inventory.	Nov 2016 – Mar 2017
2	Assess the findings from the UX tests; identify which enhancements would be most productive and feasible during the CDI grant period; and begin interface designs for Clearinghouse.	Mar – Apr 2017
3	Begin development implementation of new Clearinghouse functionality; automate and put in place workflows for more efficient processes for content submission, content review / editing and publication.	Apr 2017
4	Presentations at CDI Annual Workshop and ESIP Summer Meeting; application testing; planning for online communication strategy with partners	May – Aug 2017
5	Integration of new functionality into production environment; public release; and communication activities.	Sept 2017

Possible enhancements:

Choices will be based on user feedback:



- Improvements in the branding capabilities for partners and collaborators
- Inclusion of other learning material types such as data management webinars & events
- Social capabilities such as user rating and commenting
- Further development of more robust workflows for the crowd-sourced submission and review processes to assure quality control and currency
- Activating automatic link checking
- Developing push and pull capabilities for metadata found in external systems
- Enabling of search analytics capabilities
- Collaborative development of data management training topics (keywords) taxonomies

Summary / Questions?

Reminders:

- <http://dmtclearinghouse.esipfed.org>
- Need ESIP account to submit
- Help by identifying (and submitting) learning resources
- Provide feedback on your experiences with the functionality, look & feel of the interface
- Join us in our UX & content submissions sessions
- Pass the word!
- Contact:
 - Nancy, nhoebel@kmotifs.com
 - David, david@bluedotlab.org (for ESIP account info)