

Notes on ACADIS PI meeting

March 12, 2014

Extended Sr. Management Team – Jim, Mark, Mohan, Don M., Don S., Steve, Eric, Lynn, Toni, Amanda, Karen, Dr. Li

Review of last month's updates:

- Dr. Wenwen Li of Arizona State University visited ACADIS groups and gave a talk on her semantic searching research using Arctic metadata. She also met with each development team to discuss collaborations and improvements.
- Toni and Lynn presented posters at the INSTAAR Arctic workshop on ACADIS tools and services.
- Lynn presented talk at Research Data Access and Preservation Summit.
- Lynn to serve on SciDataCon 2014 Steering Committee.

CISL -

- Released and deployed ACADIS Gateway versions 2.0.40, 2.0.41.
 - Upgraded home page to action based workflow.
 - Updated ACADIS Logo and title design.
 - Added ADE Links from home page, search results.
 - Added recommended and related datasets.
 - Changed Discipline labels to Topic for consistency.
 - Changed DOI tools to Curator/admin access only.
 - Enhanced DOI, Topic text search.
 - Bug fixes/enhancements: Basic file upload validation, atom feed order, topic browse duplicates, lat/lon defaults, removed data center contact
- In progress:*
- Integrate ADE OpenSearch records into related dataset listings.
 - Topic browse ordering, appearance.
 - Update banner to latest logo art.
 - Design mockups for dataset metadata and file download pages.

EOL -

- Amanda met individually with the ACADIS groups for discussions on branding and visual integration for ACADIS. The outcome of these meetings was the pulling together of possible designs to integrate the look-and-feel of the web pages.
- A special requirements dataset is being updated with 2013 data: 190GB in 17,500 files downloaded from the PI's (slow and balky) university server. The files are being prepared for the HPSS and ordering by date and time.

- The checking and editing of the FGDC metadata files for the BSIERP datasets has been completed. Janet was able to attain a severity level of zero errors for all 70 BSIERP datasets when checked with the USGS mp metadata tool.
- Data in MS Access database format in the Bering Sea Project have been converted to CSV spreadsheets to ensure access to the data through the long term.
- Special requirements datasets from the Distributed Biological Observatory program have started to come in for processing and archiving. A display and ordering matrix is being investigated to allow selection by site and/or data type.

Unidata -

- Applied first round of “look and feel” updates to the ACADIS workflow in Rosetta
- Participated in smartsheet efforts
- Began evaluation of feedback from Kevin of the GIS team at NCAR
- Bug fixes

NSIDC –

Community support and outreach

- The following are metrics for March 1-March 31:
 - 19 new tickets this period.
 - 2 new registrations
 - 4 data submissions
 - 7 spams
 - 0 dataset organization
 - 5 permission assignment change
 - 1 DOIs
 - 2 data reuse question
 - 1 phone calls
 - 1 NSF cc'd
 - 0 dataset deletion
 - 1 contact deletion
 - 5 technical issues – Gateway
 - 0 technical issue – login

ADE

- Latest ADE releases included:
 - standardized Data Center representation across all visible metadata
 - added ‘Local’ and ‘Regional’ options to ‘Spatial Scope’ facet
 - harvest process stabilized

- Re-binned Temporal Duration facet values
- UI updates
- Bug fixes
- Updated ACADIS branding

CS/CS Subgroup

- Provided Karen with CS reports for Year 3
- “closed” Zendesk tickets are forced into “closed” status after 30 days. This is a hard-and-fast rule of Zendesk in an attempt to stabilize and version help desk metrics/statistics.

Metadata

- Email communication with PIs drafted
- Round 2 of metadata clean-up project delayed until April
- Project metadata creation procedures updated

Discussions:

Gateway and Arctic Data Explorer

- Updated plan for integration
- Data from EOL, NSIDC
- SEARCH of NSF PLR funded data collections deposited in the ACADIS repository and related data collection;
- Should the search tool linked to all 3000 datasets ACADIS has? Or only the self published dataset (~700) and special requirements dataset (~120)
- Clean wrapper (Mark)

Webpage design and functions:

- Font issues, maps, linkages between Gateway and ADE
- Task-oriented on the front page of ACADIS gateway
- Search box: Arctic Data Explorer?
- Graphics need to be improved - what is the relationship between ACADIS, ACADIS gateway, ADE?

Rosetta integration

Data Types and Disciplines

- AON/GCMD disciplines: <https://www.aoncadis.org/discipline.html>

<p>Discipline</p> <p>Agriculture (2)</p> <p>Atmosphere (155)</p> <p>Biological Classification (1)</p> <p>Biosphere (198)</p> <p>Climate Indicators (7)</p> <p>Cryosphere (282)</p> <p>Human Dimensions (35)</p> <p>Land Surface (150)</p> <p>Oceans (202)</p> <p>Paleoclimate (63)</p> <p>Solid Earth (3)</p> <p>Spectral/Engineering (0)</p> <p>Sun-Earth Interactions (0)</p> <p>Terrestrial Hydrosphere (149)</p>	<ul style="list-style-type: none"> • This is a subset of ~3000 dataset found • Duplicated dataset (solid Earth category) • Misclassification between what a user chose during registration and the subject the data is actually about. • Remove numbers in the disciplines • Cloud picture to show disciplines with more data with bigger font • New feature: DOI, DOI is independent

NCAR CISL

- We build and operate ACADIS Gateway
 - www.aoncadis.org
- Key Deliverables
 - Self Publishing Interface & Workflow
 - **Search & ADE Integration**
 - Integrate Rosetta Data Conversion Tool
 - Citation & DOI Tools
 - Use Metrics and Reporting



ACADIS
Advanced Collaborative Arctic
Data Information Service

Self Publishing
NSF Arctic projects.
Many disciplines.
Highly varied data.
Long term preservation.

Data Gateway Product Roadmap

(Updated Jan 27, 2014)

	Search and Metadata	UI and Workflow	Cite and Connect	Evaluate Feedback	Expand Access and Services
	Q1 14 Oct, 2013	Q2 14 Jan, 2014	Q3 14 Apr, 2014	Q4 14 July, 2014	Q1 15 Oct, 2014
ACADIS GW	<ul style="list-style-type: none"> Shared metadata Upload API tools Author search Secure datasets Metadata cleanup support ADE Harvest 	<ul style="list-style-type: none"> Discipline browse Rosetta integration Home page update Readme files 	<ul style="list-style-type: none"> Citations & DOI Provider workspace Provider reporting Repository linking (SEO) 	<ul style="list-style-type: none"> Data access workflows File metadata Provider customization Data provider contact, promotion support 	<ul style="list-style-type: none"> Synthesis study search. Point/obs subset svcs.
Data GW (CDP/ESG)	<ul style="list-style-type: none"> Subset Evaluation Basic ISO metadata 	<ul style="list-style-type: none"> P2P data node Pub UI in ESG GW branding 	<ul style="list-style-type: none"> Schema.org RDFa MyProxy ease of use Basic subset service GO xfer and upload 	<ul style="list-style-type: none"> Subsetting services OpenSky integration HPSS access Retire CDP 	<ul style="list-style-type: none"> Basic analysis svcs Publication workflows Open data access

ACADIS Search Products

ACADIS Gateway:

The ACADIS Gateway Search is for **search of NSF PLR funded data collections deposited in the ACADIS repository and related data collections.**

(The Gateway will utilize the ADE search repository to minimize development of aggregation capabilities.)

Arctic Data Explorer:

The Arctic Data Explorer, a service of ACADIS, is a **broad discovery tool for finding and accessing interdisciplinary Arctic data from diverse investigators, projects, agencies, and nations in repositories scattered around the world.**