

Mines Institutional Repository Factsheet (<http://publish.mines.edu>)

Software vendor: ExLibris

Software used: Digitool

Software host: Colorado State University (CSU)

Software decision: CSU used the Digitool institutional repository software for over 10 years and negotiated a use license that was extended to other Colorado universities (see member list below). This provided Mines with significant savings on time, start-up costs and infrastructure.

Cost to researcher:

- As end of project data storage and archival: \$1000/TB (one time cost)
- As an access, discovery or dissemination mechanism: free if data product is less than 10GB

Repository goals:

- Provide easy public access to significant scholarly or milestone works for local, national and international users
- Promote the use of campus research products and thereby maximize their impact for individual researchers and scholars
- Be a campus inventory mechanism for data and make data publicly accessible
- Demonstrate the breadth, quality and scope of research and scholarly activities throughout Colorado universities
- Identify and support best practices and strategies for the digital preservation of historically significant research and scholarship in Colorado
- The collections of all members are known as the Digital Collections of Colorado
- Coordinate digital access to these works in order to:
 - Insure access well into the future
 - Minimize duplicative efforts among the Colorado universities
 - Take advantage of collective expertise and deliver good value for investments made by CO citizens, the US Federal government and public & private granting agencies

Appropriate uses:

- Suitable for end-of-project deposit in order to meet Federal requirements to make data publicly accessible
- As an access, discovery or dissemination mechanism
- Multiple types of files can be deposited
- Different types of products (poster, presentation, data, software, thesis/dissertation)
- End users are able to download files
- Supports small to medium-sized datasets

Services provided:

- Backup services to multiple locations
- Search and discovery front-end user interface
- Permanent handle (URL) by which to cite or reference a deposited product or work
- Google indexing
- Usage reporting for your works in the repository
- Metadata creation assistance
- Various levels of access are available (e.g. unrestricted or embargoed or list contact)

How:

- Contact either Research Data Services (preservedata@mine.edu) or the Library ([http://library.mines.edu/Ask a Librarian 1](http://library.mines.edu/Ask_a_Librarian_1)) about products you would like to deposit. Individual products can be gathered into collections.
- Work with Research Data Services or Library staff to create discovery metadata
- Research Data Services or the Library perform the actual product and metadata upload

Limitations:

- Large datasets may require other arrangements
- Easy file uploading is limited to 750MB (bigger uploads require greater work)
- Maximum file upload is limited to about 4GB (thus larger products/datasets may need to be chunked into multiple entries)
- There is no direct submission form

Contacts:

- Katy Ginger, Research Data Services, (preservedata@mine.edu)
- Laura Guy, Arthur Lakes Library (preservedata@mine.edu)

Member universities (access provided by their individual libraries):

- Colorado School of Mines
- University of Colorado – Boulder (namely Wise Law Library)
- University of Colorado – Colorado Springs
- University of Colorado – Pueblo
- University of Colorado – Anschutz Medical Campus
- University of Colorado – Denver
- Metropolitan State College of Denver
- Community College of Denver
- Colorado Mesa University
- Auraria Library

The screenshot shows the 'DIGITAL COLLECTIONS' website for the Colorado School of Mines. The header includes the logo and the text 'ARTHUR LAKES LIBRARY | SPECIAL COLLECTIONS'. Below the header is a navigation bar with tabs for 'DCC Home', 'Search / Browse', 'Results', 'Previous Searches', 'My Account', 'About', 'Login', 'End Session', and 'Help'. A 'Guest' user is logged in. The main content area has a search section with 'Simple Search' and 'Advanced Search' options. The search criteria are set to 'A word or phrase' with the 'Contains' radio button selected. Below the search bar is a 'Select collection' dropdown menu currently set to 'Colorado School of Mines'. The main content area displays a grid of collection categories under the heading 'Browse All Collections > Colorado School of Mines':

- Theses & Dissertations (570)**: 2014, 2013, 2012 ...
- Library Special Collections, Archives (597)**: Center for Ropeway Studies, Tell Ertl Oil Shale Repository
- Departments & Colleges (42)**: Administration, Electrical Engineering & Computer Science, Library ...
- Centers & Research Institutes (0)**
- Student Research & Publications (21)**: Graduate Student Association, Research Experiences for Undergraduates
- University Publications (0)**