

# OREGON'S DIGITAL COLLECTIONS

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## PART I: ENVIRONMENTAL SCAN OF EXISTING PROJECTS AND MODELS FOR STATEWIDE COLLABORATION

**PREPARED FOR:**  
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**SEPTEMBER 25, 2013**

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## INTRODUCTION

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### PURPOSE AND BACKGROUND

The Oregon State Library (OSL) administers funds under the Library Services and Technology Act (LSTA) State Grant Program. This federal program is administered by the Institute of Museum and Library Services (IMLS). The program provides funding in support of statewide initiatives and services and competitive grants to legally established libraries, or non-profit entities serving libraries.

The Oregon State Library's (OSL) administration of LSTA funds is guided by the Library Services and Technology Act (LSTA) 5-year plan, and monitored by the LSTA Advisory Council on behalf of the OSL Board of Trustees. The current 5-year plan outlines a specific goal to promote the use of technology to increase capacity to provide library services and expand access to collections. Activities encouraged to meet this goal include collaborative digitization and preservation and increasing capacity by centralization of digitization services.

In recent years, the Oregon LSTA Advisory Council has recommended that the Board fund more and more grants for digital projects. In its discussions, the Council has been concerned about how to prioritize projects, what kind of metadata and access standards should be recommended, and how collaboration can be encouraged to take advantage of economies of scale. During their September 13, 2012 meeting, the Council discussed the need for more specific grant guidelines and best practices regarding digital collection projects. The Council desired a formal report on current and potential models for projects in the state and region in order to allocate LSTA funding for maximum effect.

This environmental scan lays the groundwork for that report. It will review existing collaborative projects and a selection of existing digital projects in Oregon, identifying the governance model used, adherence to metadata and digitization guidelines, and conformance to standards for access and dissemination. In addition, this environmental scan will review models for statewide and multistate collaborative digital projects.

### NOTE ON TERMINOLOGY

Many terms used in this environmental scan are of technical origin and many not be familiar to the average reader. A complete glossary and list of common systems used for management of digital collections is included as Appendix 1, but a few key terms will be highlighted here.

- *Metadata*: Structured information that describes, explains, locates, and otherwise makes it easier to retrieve and use an information resource.
- *Dublin Core*: A set of metadata elements created to facilitate the discovery of electronic resources, maintained by the Dublin Core Metadata Initiative (DCMI). The Dublin Core Element Set consists of the original 15 core elements developed for use with HTML and has been defined in ANSI/NISO Standard Z39.85-2012 and ISO standard 15836:2009.
- *Digital Asset Management System*: A software system, frequently in the form of a database, used to organize and process digital assets like images, documents, and audio and video files. See attached list of common systems.
- *Institutional Repository*: Software and associated tools used to capture, structure, provide access to, and preserve digital materials produced by an organization or community. See attached list of common systems.

- *OAI-PMH*: The Open Archives Initiative’s Protocol for Metadata Harvesting, an application-independent interoperability framework based on metadata harvesting, maintained by the Open Archives Initiative.

**OREGON LIBRARY SYSTEMS AND TECHNOLOGY ACT FIVE-YEAR PLAN**

The current Library Systems and Technology Act Five-Year Plan for Oregon was adopted in 2012 for the period 2013-2017. The previous five-year plan was evaluated by Nancy Bolt and Associates in 2012, and the data collected for that evaluation bear on the Council’s desired for more specific grant guidelines and best practices regarding digital collection projects. For the plan in effect for 2008-2012, the Oregon State Library LSTA Council had identified the following targets related specifically to digitization in Goal 5, “Using Technology”:

Target:	Planning and conducting “Digital Summit”
Target Amount	
2008:	
2009:	
2010:	conduct summit in 2010 (shelved)
2011:	Not done - lack of staff time
2012:	
Methodology:	OSL to investigate coop with BCR, and outsource this with adopting of BCR standard statewide
Target:	Adoption of a set of Oregon library community standards for digitization projects
Target Amount	
2008:	
2009:	
2010:	Awarded FFY2010 grant to OSU for portal to bring Oregon digital collections together
2011:	Digitization guidelines added to 2013 LSTA grant packet
2012:	
Methodology:	OSL to investigate coop with BCR, and outsource this with adopting of BCR standard statewide
Target:	Development of priority list of collections resources that are candidates for digitization as a planning tool
Target Amount	
2008:	
2009:	FFY09 UO collaborative collection dev. for archives
2010:	Have disseminated report from FFY09 grant on archives
2011:	No progress
2012:	
Methodology:	OSL to investigate coop with BCR, and outsource this with adopting of BCR standard statewide
Target:	Awarding of subgrant(s) that enable libraries to participate in open-source projects such as LibraryFind and Plinkit
Target Amount:	At least two subgrants awarded during 2008 – 2012
2008:	
2009:	

2010:  
2011: Oregon State University - Oregon Digital Library Portal  
2012:  
Methodology:

Some of the reason for the missed targets lies in the plan for the Oregon State Library to work collaboratively with BCR. In 2010, BCR merged with LYRASIS, and the transition was difficult for many institutions. Although the Collaborative Digitization Program (CDP) standards and guidelines maintained by BCR remained useful, it was difficult to find them after they were moved to the LYRASIS website, and the BCR staff that were retained by LYRASIS were assigned new roles and responsibilities.

The missed targets from the previous plan should not ultimately affect the 2013-2017 Five-Year Plan. Adoption of best practices for digitization and metadata can, in fact, be more easily adopted in 2013 than in 2008 due to development of national standards efforts and collaborative digitization projects. Whenever possible, the targets from the previous plan should be included in the current five-year plan.

The 2013-2017 Five-Year Plan already reflects an increased interest in digitization. The goals and strategies relevant to digitization are listed here, although in some cases, specific activities and evaluation methods have been added. Recommended additions are indicated by underlined text.

#### GOAL #1: PROVIDE ACCESS TO INFORMATION RESOURCES AND LIBRARY SERVICES

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##### *Issues Addressed:*

- Unserved population
- Delivering quality library services to Oregonians in sparsely-populated areas
- Need for citizens to interact with their government online

##### *LSTA Purposes:*

- Expand services for learning and access to information and educational resources in a variety of formats, in all types of libraries, for individuals of all ages in order to support such individuals' needs for education, lifelong learning, workforce development, and digital literacy skills

##### *Outcomes:*

- Libraries expand access to multimedia material
- Libraries partner with each other to create programming or information resources
- Libraries partner with community organizations to create programming or information resources

##### *Activities:*

- Ideas for competitive grants:
  - Digitization of important historical information.

##### *Evaluation:*

- Grants will require participant surveys for outreach programs and ask for user satisfaction surveys for LSTA-funded online resources as feasible.
- Recipients of grants with digitization components will be asked to complete a post-grant report indicating what percentage of materials digitized met state or national best practice recommendations for digitization and metadata.

## GOAL #2: USE TECHNOLOGY TO INCREASE CAPACITY TO PROVIDE LIBRARY SERVICES AND EXPAND ACCESS

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### *Issues Addressed:*

- Delivering quality library services to Oregonians in sparsely-populated areas
- Unserved population
- Institutional barriers to cooperation
- Knowing how to help patrons with new technologies and implement them in a library setting

### *LSTA Purposes:*

- Expand services for learning and access to information and educational resources in a variety of formats, in all types of libraries, for individuals of all ages in order to support such individuals' needs for education, lifelong learning, workforce development, and digital literacy skills
- Establish or enhance electronic and other linkages and improved coordination among and between libraries and entities for the purpose of improving the quality of and access to library and information services
- Develop library services that provide all users access to information through local, state, regional, national, and international collaborations and networks

### *Outcomes:*

- Libraries create efficient ways to share resources to extend library services to Oregonians
- Libraries create efficient ways to share information resources
- Patrons can access information – libraries make available information resources across multiple platforms
- Technology increases use and accessibility of library services

### *Activities:*

- Ideas for competitive grants:
  - Digital library on a large scale
  - Open-source digital library software
  - Collaborative digitization and preservation
  - Increasing capacity by centralization of digitization services

### *Evaluation:*

- Grant applicants will report current usage of archival materials prior to digitization as part of their application and would provide a one-year follow-up report on usage of archival materials following digitization
- Metadata from existing digital library projects will be reused in additional collaborative projects on a state, regional, or national scale

## GOAL #3: DEVELOP A CULTURE IN LIBRARIES THAT PROMOTES EDUCATION AND USE OF EVALUATION RESULTS

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### *Issues Addressed:*

- Library services and benefits are not widely known or understood by our communities
- Changing library services to match the changing information needs of our communities

*LSTA Purposes:*

- Provide training and professional development, including continuing education, to enhance the skills of the current library workforce and leadership, and advance the delivery of library and information services

*Outcomes:*

- Create learning opportunities for library staff that provide training in assessing the value of services including financial viability, community needs assessment, or other evaluation that furthers the ability of libraries and libraries to better serve their respective communities
- Libraries establish a process to assess community needs
- Libraries evaluate and prioritize services by community needs and financial viability

*Activities:*

- Ideas for competitive grants:
  - Training in outcomes based evaluation
  - Train library personnel in strategic planning and organizational development
  - Train library personnel in copyright and intellectual property to promote digitization based on fair use and donor agreements
  - Train library personnel in search engine optimization strategies and web analytics to gather necessary data on use of digital materials
  - Conduct focus groups with target users to determine satisfaction with current digital products and need for additional digitization
  - Develop methods for librarians and other cultural heritage professionals to share ideas and best practices. Suggestions include: email lists, regional or statewide meetings, common training sessions.

*Evaluation:*

- Grants and state projects will require post tests or surveys from trainings
- Usage of digital materials will be included in post-grant reports to compare usage pre- and post-digitization

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#### GOAL #4: DEVELOP INFORMATION LITERACY SKILLS

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*Issues Addressed:*

- Students and teachers not receiving information literacy instruction
- Lack of digital literacy instruction

*LSTA Purposes:*

- Expand services for learning and access to information and educational resources in a variety of formats, in all types of libraries, for individuals of all ages in order to support such individuals' needs for education, lifelong learning, workforce development, and digital literacy skills

*Outcomes:*

- Create programs for development of information literacy skills at all ages
- Libraries offer services for children and young adults that prepare them for lifelong success
- Libraries offer lifelong learning activities for Oregonians

*Activities:*

- Ideas for competitive grants:

- Library staff development, especially in using new technologies, teaching computer software
- Develop digital products targeted at children and young adults promoting reuse of digitized materials

*Evaluation:*

- For workshops sponsored by LSTA, the grant guidelines will require a pre- and post-test
- Re-use of digital products, including digitized historical materials, will be tracked and reported in post-grant reports

## REVIEW OF PREVIOUS WORK

Many studies of the Oregon cultural heritage sector have been performed in the past ten years, though none of them looks exclusively at digital collections. Where appropriate, this environmental scan draws upon those reports and references their recommendations for collaboration and other strategic actions.

### ORBIS CASCADE DIGITAL PROJECTS (2008)

In 2007-2009, staff at the Orbis Cascade Alliance conducted a needs assessment to determine member interest in and requirements for digital services provided by the Alliance. In the Fall of 2007, a Survey of Digitizing Initiatives revealed duplication of effort across institutions and structural funding issues that limited the sustainability of digitization efforts at member institutions. The specific recommendations outlined in the final report<sup>1</sup> include:

- “A clear mandate for search engine exposure of any digital content”
- “Very strong interest in pursuing preservation of reformatted and born digital materials as a consortium, including hosting for preservation and training in preservation topics”
- “Support for a joint institutional repository that integrates archives and special collections materials”
- “A notably strong preference for using or adapting existing best practices and guidelines for digital content rather than creating our own”
- “A desire to contract for and/or co-develop training in audio and moving images, overall digitization, preservation of both reformatted and born-digital materials, copyright and intellectual property issues, and metadata standards and applications with a number of possible vendors”
- “Strong support for scanning and reformatting services, closely following the desire for digital preservation services, with some demand for metadata services”

A pilot digital preservation service modeled on a service offered by the Colorado Association of Research Libraries (CARL) was offered to Orbis Cascade Alliance members in 2010-2012, but this pilot is scheduled to be discontinued due to unsatisfactory results and competing Alliance priorities. It does not appear that the Alliance ever adopted best practices for digitization or metadata.

### ENVISIONING OREGON (2009)

In 2008, the Oregon State Library awarded an LSTA grant to the University of Oregon to engage in a planning process to create a plan for cooperative collection development activities among cultural heritage repositories in the State of Oregon. This process, which included a survey of repositories and two series of

<sup>1</sup> Allison-Bunnell, J. (2008, October 25). *Digital initiative planning: Institutional needs survey*. Eugene, OR: Orbis Cascade Alliance. Retrieved from [http://www.orbiscascade.org/index/cms-file-system-action?file=nwda/files/institutional\\_needs\\_survey\\_report\\_20081025.pdf](http://www.orbiscascade.org/index/cms-file-system-action?file=nwda/files/institutional_needs_survey_report_20081025.pdf)

town hall meetings, resulted in specific recommendations for improving cooperative collection development and inter-repository collaboration:

- **Leadership** - Identifying and securing ongoing program leadership and advocacy.
- **Connections** - Connecting with repositories, local government records keepers, tribal governments, and under-represented communities.
- **Collection Analysis** - Analyzing existing collections to identify strengths and weaknesses and deciding on future documentation needs.
- **Collection Development Policies** - Assisting repositories to write/update and share collection development policies.
- **Training and Support** - Communicating systematically with repositories and providing them with training and support them.
- **Uniform Description** - Promoting access to records through basic arrangement, description, and publicizing of collections.
- **Networks and Shared Storage** - Planning and implementing cooperative archives research networks and regional collection storage centers

Although the *Envisioning Oregon* report focuses on physical collections, it also included some comments regarding digitization. One aspect of digitization not addressed in the Orbis Cascade Alliance needs assessment is the potential for digitization to bring together physically separate items and to reunify fragmented collections. Even more specifically, “Participants hoped that digitization would help repositories and researchers in eastern and central Oregon regain access to those portions of their history that currently reside in western Oregon’s repositories.”<sup>2</sup>

The *Envisioning Oregon* report includes an appendix with links to online resources for archives and collecting repositories. Unfortunately, many of the links are already out of date, including links to the project website. This illustrates the fragility of digital resources and the ongoing need for maintenance activities.

#### OREGON CONNECTING TO COLLECTIONS (2011)

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In 2010, the Institute of Museum and Libraries Services awarded a *Connecting to Collections* Statewide Planning Grant to the Oregon Museums Association in partnership with the Northwest Archivists, Oregon Heritage Commission, Oregon Historical Society, Oregon Library Association, Oregon State Archives, Oregon State Library, and Tamástslikt Cultural Institute to perform a preservation needs assessment of Oregon collecting institutions. This needs assessment confirmed that Oregon institutions, and particularly institutions in rural areas of the state, faced significant challenges in planning for preservation of collections in their charge. In planning for further work to improve the capacity of collecting institutions, the project Steering Committee recommended focusing on the following elements:

- A coordinated, sustainable, and dynamic virtual resource for staff and volunteers to find specific information, consulting, training, and mentoring for the purposes of preserving Oregon’s heritage collections.
- Placement of computer technology particularly in the rural areas of the state where this technology is absent.
- Face-to-face technical assistance to install computers and to train largely volunteer staff to use the computers and the virtual resource.
- Network support for learning and sharing resources statewide and regionally.

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<sup>2</sup> Carey, G. (2009, August). *Envisioning Oregon: Planning toward cooperative collection development in Oregon’s historical repositories*. Retrieved from <http://hdl.handle.net/1794/9792>.

- A governance structure and collaborative funding plan to implement and sustain an Oregon Heritage Preservation collaborative

The report that was prepared in 2011 offers appendices with Preservation Education Resources, including fee-based training, free online resources, websites and listservs, and mentoring and consulting services, and Preservation Funding Sources at the national, state, and local level.

In 2012, IMLS awarded a *Connecting to Collections* Statewide Implementation Grant to the Oregon Heritage Commission, in partnership with the Confederated Tribes of the Umatilla Reservation, the Oregon Historical Society, the Oregon Library Association, the Oregon Museums Association, the Oregon Secretary of State, and the Oregon State Library. In this project, which is ongoing, the project partners are offering preservation and preparedness trainings and developing regional mentoring networks, supported by online resources, in order to address three major issues challenging cultural heritage organizations in Oregon: collections care, collections management, and disaster preparedness. The trainings are being held in seven regions around the state, and at least three individuals in each region are being trained as mentors. This regional model, which also included regional technology support, offers a model for support for digital projects in the state.

#### OREGON HERITAGE (2011)

In addition to the *Connecting to Collections* project identified above, the Oregon Heritage Commission released a report in 2011 entitled *Oregon Heritage Vitality 2010: The Challenge of the Past for Oregonians Today and Tomorrow*.<sup>3</sup> This report identified eight challenges facing Oregon cultural heritage institutions:

1. Unstable and inadequate government and private funding.
2. Little meaningful coordination and collaboration among heritage organizations and their communities.
3. The inability to measure and articulate the economic value of Oregon heritage.
4. Changing educational requirements have reduced the time and respect given history instruction in primary, secondary and higher education.
5. Shortage of people with the skills and knowledge to address issues of preservation, fund raising, leadership and technology.
6. Changing demographics and expectations, including developing new leadership.
7. Limited use of 21<sup>st</sup> century communications and advocacy strategies.
8. Uneven development and use of technology.

Interestingly, one of the findings of a survey of Oregon museums conducted in 2009 was that only 78 percent of the museums surveyed had websites, and only 28 percent of those institutions provided any kind of online access to their collections. In contrast, “64 percent of the archival organizations responding to the Heritage Assessment Survey said using digital technologies to expand awareness, support and effectiveness would be one of their most important issues during the next 10 years.”

Two projects identified as models, “Oregon Heritage Walking the Walk,” reflect the importance of digitization: a major photo digitization program at the Lane County Historical Society and Museum, and the Oregon Digital Newspaper Project based at the University of Oregon. In addition, a scanning center pilot at the Oregon State University Libraries (funded by an LSTA grant), which digitized materials from the Lincoln County Historical Society and the Columbia Gorge Discovery Center, is mentioned as a model cooperative technology project.

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<sup>3</sup> Oregon Heritage Commission, (2011). *Oregon heritage vitality 2010: The challenge of the past for Oregonians today and tomorrow*. Retrieved from website: <http://www.oregon.gov/oprd/HCD/OHC/pages/vitality.aspx>.

Many of the recommendations of the Oregon Heritage Vitality 2010 report require legislative action. However, three of the practical “Short-Term Steps You Can Take” that conclude the report speak to issues relevant to digitization of cultural heritage collections:

- Partner with other organizations, including arts, cultural, educational, tourism, humanities and economic development groups. Find ways to jointly solve challenges and promote heritage.
- Deliver history in a more compelling way that resonates with more people.
- Create a communications plan that effectively uses the print, electronic and digital media in your community.

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## CURRENT LEVEL OF DIGITAL PROJECT ACTIVITY IN OREGON

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Unsurprisingly, given the importance attached to technology and the digitization of cultural heritage materials in the reports reviewed above, Oregon has a substantial history of digital projects. The earliest projects began in the late 1990s, shortly after widespread adoption of the World Wide Web. Oregon institutions have benefitted from grant funding at the state and national level, supporting innovative technology projects.

The digital projects themselves may be divided into two main classes: collaborative (with multiple institutions participating) and single-institution. In addition, there are several types of projects, ranging from collection processing and description (often by means of finding aids) to digitization. Although purely descriptive projects are included, this list of projects attempts to identify collections of digital objects, including photographs, publications, maps, audio, and video, with a minimum of access restrictions.

## OVERVIEW OF GRANT FUNDING FOR DIGITAL PROJECTS, 2003-2013

Oregon has benefited from significant grant funding from a variety of sources, including the federal Institute of Museum and Library Services, both through IMLS’ competitive grant programs<sup>4</sup> and through the LSTA appropriation administered by the Oregon State Library<sup>5</sup>; the National Endowment for the Humanities<sup>6</sup>, the National Endowment for the Arts<sup>7</sup>, the National Historic Publications and Records Administration within the National Archives<sup>8</sup>, and by state funders such as the Oregon Heritage Commission<sup>9</sup> and the Oregon Cultural Trust.<sup>10</sup> Cumulatively, in the eleven-year period from 2003-2013, these sources have provided over \$6 million in support for digitization, development of finding aids, and digital projects (including projects with digital components) to libraries, archives, museums, and other cultural heritage organizations in Oregon.

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<sup>4</sup> Data from <http://www.ims.gov/recipients/grantsearch.aspx> for state:Oregon.

<sup>5</sup> Data from [http://www.oregon.gov/osl/LD/Pages/LSTAcomp.aspx#past\\_lsta\\_grants](http://www.oregon.gov/osl/LD/Pages/LSTAcomp.aspx#past_lsta_grants) for Competitive Grants (2003-2013).

<sup>6</sup> Data from <https://securegrants.neh.gov/publicquery/main.aspx?q=1&a=0&n=0&o=0&k=0&f=0&cs=1&sv=OR&p=0&d=0&y=1&yf=2003&yt=2014&prd=0&cov=0&prz=0&wp=0&pg=0&ob=year&or=DESC> for all programs (2003-2013)

<sup>7</sup> Data from <http://apps.nea.gov/GrantSearch/> for state:Oregon and date range: 2003 to 2014.

<sup>8</sup> Data from <http://www.archives.gov/nhprc/projects/states-territories/or.html>.

<sup>9</sup> Data provided for Heritage Commission Grants (2004, 2006, 2007, 2009, 2011, 2012) and Museum Grants (2006, 2007, 2009, 2010, 2011, 2012).

<sup>10</sup> Data from Oregon Cultural Trust: Annual Reports available at <http://www.culturaltrust.org/content/annual-reports>.

INSTITUTE OF MUSEUM AND LIBRARY SERVICES (IMLS)

<b>Confederated Tribes of the Umatilla Reservation</b>		
Cataloging Histories of the Cayuse, Umatilla, and Walla Walla Tribes	2007	\$47,086
Tamástslikt Tribal Knowledge Database Project.	2010	\$49,628
<b>Coos Historical Museum</b>		
Victor C. West collection of maritime images	2010	\$23,938
<b>Oregon Historical Society</b>		
Building Public Access Funding	2003	\$150,000
<b>Portland Art Museum</b>		
Native American art digitization project	2012	\$150,000
<b>University of Oregon</b>		
Don L. Hunter Archive Project	2003	\$240,894
Northwest Digital Archives (NWDA)	2008	\$38,844
Northwest Digital Archives (NWDA) search tool	2011	\$249,904
<b>TOTAL</b>		<b>\$950,294</b>

LIBRARY SYSTEMS AND TECHNOLOGY ACT – OREGON STATE LIBRARY (LSTA)

<b>Harney County Library</b>		
Eastern Oregon Libraries and Museums Working Together	2007	\$5,600
<b>Lewis &amp; Clark College</b>		
Oregon Poetic Voices	2010	\$34,150
Oregon Poetic Voices, Year 2	2011	\$29,803
<b>National College of Naturopathic Medicine</b>		
Alternative Medicine Digitization Pilot Project	2005	\$22,773
<b>Orbis Library Consortium</b>		
Data for Local Communities, Year 2	2003	\$66,135
<b>Oregon City Public Library</b>		
Early Oregon Voices: Digitizing Historic Oregon City Newspapers	2013	\$22,905
<b>Oregon Council of Teachers of English</b>		
Libraries as Community Research Centers	2010	\$77,554
Libraries as Community Research Centers	2011	\$76,430
<b>Oregon Historical Society</b>		
Preserving the Past: Digitizing for the Future	2003	\$126,192
<b>Oregon Institute of Technology</b>		
Water in the Klamath Basin Digital Library	2004	\$96,633
Klamath Waters Digital Library, Year 2	2005	\$88,183
<b>Oregon State University</b>		
Oregon Digital Library Project - Digitizing Center Pilot Project	2009	\$14,999
Oregon Digital Library Project	2010	\$69,373
Development and Management of Building Oregon: Architecture of Oregon and the Pacific Northwest Mobile Project <sup>11</sup>	2013	\$68,635
<b>Pacific University</b>		
Washington County Digital Library	2011	\$107,925
Washington County Heritage Online, Year 2	2012	\$101,075
Washington County Oral Histories: A Planning Grant <sup>12</sup>	2013	\$36,809
<b>Portland State University</b>		

<sup>11</sup> Due to sequestration, funding for this grant was held back until FY14.

<sup>12</sup> Due to sequestration, funding for this grant was held back until FY14.

The Oregon Sustainable Community Digital Library	2005	\$54,900
The Oregon Sustainable Community Digital Library, Year 2	2006	\$45,500
Oregon Public Speakers Preservation and Access Project	2013	\$9,932
<b>Southern Oregon University</b>		
Southern Oregon Digital Archives History Collection	2006	\$46,534
Southern Oregon History Collection: Phase II (Yr. 2)	2007	\$41,854
Images and Education: A Southern Oregon Perspective	2010	\$69,163
<b>University of Oregon</b>		
Oregon Newspapers Index	2004	\$69,738
Oregon Newspaper Index, Year 2	2005	\$86,062
Percent for Art Statewide Digital Collection and Database	2006	\$95,525
Local & Regional Documents Archive for Oregon	2007	\$77,505
Percent for Art Statewide Digital Collection and Database, Year 2	2007	\$77,297
Local & Regional Documents Archive for Oregon Year 2	2008	\$60,625
Oregon Digital Newspaper Project	2009	\$79,883
Oregon Digital Newspaper Project Year 2	2010	\$90,880
Oregon Digital Newspaper Project: Supplementary Funds	2010	\$106,000
Oregon Folklife Collections Access Project	2011	\$37,401
Access to Oregon Folklife Collections Project, Year 2	2012	\$40,573
Historic Oregonian Digitization	2012	\$125,742
Oregon Women's Political History Collection Processing Project	2012	\$13,017
Easy and Affordable Hosted Streaming Media for Libraries	2013	\$47,700
<b>Western Oregon University</b>		
Cooperative Governors' Papers Project: A Planning Grant	2011	\$51,268
Cooperative Governors' Project (Implementation Grant)	2012	\$68,344
<b>TOTAL</b>		<b>\$2,440,617</b>

#### NATIONAL ENDOWMENT FOR THE ARTS (NEA)

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<b>Lewis &amp; Clark College</b>		
To support expansion of an online digital image archive of contemporary ceramic art.	2009	\$9,888
<b>Portland Art Museum</b>		
To support the Northwest Art Initiative.	2012	\$20,000
<b>TOTAL</b>		<b>\$29,888</b>

#### NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH)

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<b>Oregon Historical Society</b>		
Oregon Time Web: A Digital Teaching Resource	2006	\$143,950
<b>Oregon Shakespeare Festival</b>		
Digitizing and Creating Access to the Audiovisual Collection in the Oregon Shakespeare Festival Archives	2013	\$200,000
<b>Oregon State University</b>		
Northwest Digital Archives: A Union Database of Encoded Finding Aids of Idaho, Montana, Oregon, and Washington	2002	\$349,778
The Northwest Digital Archive: Expanding Access to Archival Collections in Idaho, Montana, Oregon, and Washington	2005	\$299,947
<b>Portland Art Museum</b>		
Northwest Art Initiative, Phase II	2013	\$171,765
<b>University of Oregon</b>		

Oregon Digital Newspaper Project, Phase One	2009	\$690,393
Northwest Digital Archives: Expanding Access to Northwest Archival Collections	2011	\$137,756
<b>Willamette University</b>		
Bridging the Gap: Connecting Authors to Museum and Archival Collections	2008	\$49,020
<b>TOTAL</b>		<b>\$2,042,609</b>

#### NATIONAL HISTORICAL RECORDS AND PUBLICATIONS COMMISSION (NHPRC)

<b>Confederated Tribes of Siletz Indians</b>		
To support a project to process Tribal records	2011	\$31,086
<b>Oregon Historical Society</b>		
To provide online access to 4,500 manuscript collections on the settlement of the West and the development of the Pacific Northwest.	2010	\$84,480
<b>Oregon Secretary of State, Archives Division</b>		
Oregon Records Management Solution	2012	\$134,419
<b>University of Oregon</b>		
Northwest Digital Archives (NWDA)	2010	\$123,118
<b>TOTAL</b>		<b>\$373,103</b>

#### OREGON CULTURAL TRUST (OCT)

<b>Aurora Colony Historical Society &amp; Museum</b>		
Music library	2007	\$4,000
<b>Clatsop County Historical Society</b>		
Expand access to photographs	2007	\$7,000
<b>Columbia Gorge Discovery Center and Museum</b>		
Native American baskets digital archive	2007	\$4,000
<b>Coos Art Museum</b>		
Victor C. West Collection of Historic Maritime Photography	2006	\$4,146
<b>Eastern Oregon Museum</b>		
Photo Digitization	2008	\$2,380
<b>Jordan Schnitzer Museum of Art</b>		
Collections management system	2010	\$10,000
<b>Lane County Historical Society &amp; Museum</b>		
Photo Digitization	2008	\$5,000
Photo Digitization	2009	\$6,000
Digitization of the museum's nitrate negative collection	2010	\$5,000
Digitization of the museum's nitrate negative collection	2011	\$3,000
<b>Linfield College</b>		
Oregon Wine History Archive	2012	\$8,000
Pacific City dory fleet historic preservation project,	2013	\$5,000
<b>Portland State University</b>		
Portland Chapter of the Japanese American Citizens League Inventory Project	2012	\$5,000
<b>University of Oregon</b>		
Oregon Digital Newspaper Project	2009	\$145,000
Oregon Digital Newspaper Project	2010	\$36,046

**TOTAL****\$249,572****OREGON HERITAGE COMMISSION (OHC)**

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<b>Aurora Colony Historical Society &amp; Museum</b>		
To catalog, digitize and validate 19th century music	2007	\$10,000
<b>Columbia Gorge Discovery Center and Museum</b>		
Digitization network planning grant	2009	\$11,447
<b>Coos Art Museum</b>		
Digitize Oregon Maritime photography collection	2006	\$4,300
<b>Eastern Oregon University</b>		
Digitization and cataloging of Fred Hill's Union County photographs collection	2009	\$2,666
<b>Fort Rock Valley Historical Society &amp; Homestead Museum</b>		
Collection cataloging	2006	\$1,000
<b>Hood River County Historical Society &amp; Museum</b>		
Digitization of the photo collection	2012	\$6,000
<b>J.O. Hanthorn Cannery Museum</b>		
Website development	2011	\$1,800
<b>Jensen Arctic Museum</b>		
Audio and Video Digitization	2011	\$5,750
<b>Klamath County Museums</b>		
Digitization of photograph collection	2009	\$3,266
Digitize archival collections	2011	\$4,250
<b>Lane County Historical Society &amp; Museum</b>		
Digitize non-volatile safety film negatives and prints	2007	\$2,500
Digitize the museum's 14,000 historic photographs	2007	\$5,000
Digitize approximately 2,500 photographs	2009	\$2,500
Ongoing photographic digitization project	2009	\$6,330
Digitization of the museum's nitrate negative collection	2010	\$2,500
Digitize the Hunter collection	2011	\$8,000
Digitize the Hunter collection	2012	\$11,300
<b>Mission Mill Museum Association</b>		
Inventory and digitization	2010	\$4,784
<b>North Lincoln County Historical Museum</b>		
Collection cataloging	2006	\$1,795
<b>Northwest History Network</b>		
Oregon Woman Suffrage Centennial project	2009	\$9,961
<b>Oregon Council of Teachers of English</b>		
Oregon Encyclopedia of History and Culture	2009	\$20,000
<b>Oregon Historical Society</b>		
Commission 90 entries for the Oregon Encyclopedia Project	2007	\$20,000
<b>Oregon Jewish Museum</b>		
Create an electronic finding aid	2007	\$6,900
<b>Oregon Nikkei Endowment</b>		
Digitize audio and video	2009	\$10,000
<b>Oregon Public Broadcasting</b>		
Video preservation project	2009	\$20,000
<b>Oregon State Hospital Museum of Mental Health</b>		
Catalog the artifacts associated with the Oregon State Hospital.	2011	\$2,700
<b>Salem Library Foundation</b>		
Digitize Bush Family Historic Photo Collection	2004	\$17,400

<b>Talent Historical Society</b>		
Website development	2006	\$2,545
<b>Troutdale Historical Society</b>		
Digitize photo collection	2006	\$4,500
<b>Washington County Museum</b>		
Oral history program	2007	\$5,000
Digitization of William Finley photographs	2012	\$12,700
<b>TOTAL</b>		<b>\$226,894</b>

A list of grant-funded projects sorted by institution, including project abstracts and URLs for digital projects (where found) is included as Appendix 1.

## EXISTING COLLABORATIVE PROJECTS IN OREGON

Collaborative projects are, in general, a method for well-resourced institutions to provide support to institutions that have less support for infrastructure and less flexibility in hiring staff with the appropriate levels of expertise. Often, though not always, the well-resourced institutions are large academic libraries. The following list of collaborative projects focuses primarily on projects with a history of funding by the Oregon State Library, often in conjunction with other funding agencies.

### OREGON DIGITAL LIBRARY (ODL)

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Administered by:	Oregon State University Libraries
Primary Contact:	Evviva Weinraub, Director, Emerging Technologies & Services
Funding Sources:	LSTA
Primary URL:	<a href="http://odl.library.oregonstate.edu/record/search">http://odl.library.oregonstate.edu/record/search</a>
Documentation URL:	None identified
Rights URL:	<a href="http://odl.library.oregonstate.edu/record/faq">http://odl.library.oregonstate.edu/record/faq</a>
Self-description:	“The Oregon Digital Library Project (ODLP) is built upon previous work done by OSU Libraries, and seeks to build a collaborative portal for the discovery of digital collections created by institutions within the State of Oregon. Utilizing LibraryFind, a previously funded LSTA project, the ODLP creates a centralized portal for information that could be utilized by any library user to locate digital assets created by Oregon's cultural centers and locate them in context to materials that may exist at other institutions.”
System:	LibraryFind
Extent:	19 collections are listed; total extent is unknown
Partners:	Oregon State University University of Oregon NWDA Southern Oregon University Lewis & Clark University Salem Public Library Oregon Health & Science University Whitman College Oregon Institute of Technology Western Oregon University Portland State University Pacific University
Governance:	No formal governance structure.

Comments: The Oregon Digital Library is a metasearch tool. It includes metadata from a wide range of digital collections from institutions in Oregon. Oregon State University does not copy the original digital objects, although in some cases they may harvest item thumbnails. According to the FAQ, “Any collection that supports OAI-PMH can be harvested into the ODL. Additionally, resources that support automated query through an API (Application Programming Interface) may be candidates for inclusion.”

It is unclear when metadata was most recently harvested or how many total items are included in the search indexes. A search on the term “Oregon” identified only 166 results, and it is possible that the metasearch returns only the first 25 results from any collection. In contrast, a search on the term “Oregon” in OregonDigital returned 85,116 results.

Terry Reese, one of the developers of the LibraryFind application, was primarily responsible for the development of ODL. In March 2013, he left OSU and joined the Ohio State University Libraries. OSU does not plan to maintain the LibraryFind application for use in the Oregon Digital Library and other projects. In addition, as discussed below, OSU will be working with the University of Oregon Libraries to move their shared digital collections into a Hydra/Fedora Commons system. Blacklight, a component of many Hydra/Fedora Commons implementations, could be used to provide an alternative metasearch for statewide collections, assuming that OAI-PMH and/or other metadata harvesting could be continued and that the harvested metadata records could be normalized enough to be indexed by Solr, a standard data indexing tool incorporated in Blacklight. However, OSU has no dedicated budget or staff to support either the development of a Blacklight interface for ODL or the normalization of harvested metadata. The total effort required is estimated at 0.25 FTE per year.

## OREGON DIGITAL

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Administered by: UO Digital Library Initiatives and OSU Libraries Digital Access Services.  
Primary Contact: Karen Estlund, Head, Digital Scholarship Center, Univ. of Oregon  
Michael Boock, Head, Center for Digital Scholarship and Services, OSU  
Funding Sources: Institutional, LSTA  
Primary URL: <http://oregondigital.org>  
Documentation URL: None identified (metadata and digitization practices vary by collection)  
Rights URL: <http://oregondigital.org/digcol/rights.php>  
Self-description: “The OSU and UO Libraries' Digital Collections are created to support the teaching and research mission of the Oregon University System. The collections are composed of unique digitized and born digital materials including photographs, journal articles, sheet music, manuscripts, ephemera, and more.”  
System: Currently includes two systems: OregonDigital, a CONTENTdm installation, and Journals at OregonDigital ([journals.opergondigital.org](http://journals.opergondigital.org)), an Open Journal Systems [OJS] installation. In addition, the A-Z list of collections includes non-OregonDigital collections such as the e-Asia Digital Library at the University of Oregon, ScholarsBank, the institutional repository at the University of Oregon Libraries (a DSpace installation), and the Linus Pauling sites and Omeka exhibits system at the Oregon State University Libraries.  
Extent: Approximately 120,000 items in the CONTENTdm system in 55 collections; additional material in other collections.

Scope: Items include material from and about Oregon, such as the “1993 ODFW Oregon Rocky Shore Aerial Photography Survey,” “Braceros in Oregon Photograph Collection,” “Building Oregon: Architecture of Oregon and the Pacific Northwest,” “Percent for Art” collections. The subjects also include material related to OU/OSU faculty projects, such as the “Petrarch” and “African Political Ephemera and Realia” collections.

Partners: University of Oregon  
Oregon State University

Governance: Developed under an informal agreement between the two partners, with no formal governance structure. A more formal memorandum of understanding is in development.

Included in ODL: Yes

Comments: Browsing in OregonDigital varies by collection. Individual collections often have separate browsing categories. One collection, from the Jordan Schnitzer Museum of Art, is limited to OU/OSU access only, although a link is provided to a separate public collection from this museum. A presentation with selected highlights from the collections is available at [http://prezi.com/36ddprwoo9\\_4/oregon-digital-collections](http://prezi.com/36ddprwoo9_4/oregon-digital-collections).

The University of Oregon and Oregon State University Libraries are currently working to migrate all of their collections to a Hydra/Fedora Commons platform maintained by UO Digital Library Initiatives. This migration will be performed in 2013-2014. Individual collections will be reviewed for needed metadata improvements, and linked data will be used for subject and other authority control. Individual Hydra “heads,” or user interfaces, will be created to provide access to collections, with specific heads tailored to specific types of content and user needs. While the main platform will be maintained by UO, both institutions will contribute development resources, and development of individual collections and “heads” will be managed by the responsible institution.

As a collaborative project, OregonDigital could serve as infrastructure for additional institutions. The Hydra/Fedora Commons platform provides significant flexibility in terms of metadata, digital object format, and user interface customization. However, storage and development costs would need to be considered carefully to establish a cost-recovery model. At the end of the joint UO/OSU migration project, a cost baseline for development of Hydra heads should be available.

UO Digital Library Initiatives is willing to consider hosting access copies of documents and images from other institutions, and in fact is planning to host a collection from the Oregon Historical Society created in cooperation with the Confederated Tribes of Warm Springs, which could serve as a model for future expansion of OregonDigital. Previously, a scanning center pilot at the Oregon State University Libraries (funded by an LSTA grant), which digitized materials from the Lincoln County Historical Society and the Columbia Gorge Discovery Center, enabled those collections to be added to OregonDigital; the scanning center model was, however, abandoned at the end of the grant. UO does not plan to offer preservation services to other institutions, and OSU is similarly reluctant to offer long-term preservation of digital objects to external organizations without a model for ongoing cost-recovery in place.

## OREGON DIGITAL NEWSPAPER PROGRAM (ODNP)

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Administered by:	University of Oregon Libraries
Primary Contact:	Karen Estlund, Head, Digital Scholarship Center, Univ. of Oregon
Funding Sources:	NEH, LSTA, Oregon Cultural Trust, UO Libraries, Oregon Newspaper Publishers Association
Primary URL:	<a href="http://oregonnews.uoregon.edu/">http://oregonnews.uoregon.edu/</a>
Documentation URL:	<a href="http://www.loc.gov/ndnp/guidelines/NDNP_201214TechNotes.pdf">http://www.loc.gov/ndnp/guidelines/NDNP_201214TechNotes.pdf</a>
Rights URL:	<a href="http://oregonnews.uoregon.edu/about/">http://oregonnews.uoregon.edu/about/</a>
Self-description:	“ODNP is an initiative to digitize historic Oregon newspaper content and make it freely available to the public through a keyword-searchable online database. The initial phase of the program will concentrate on newspapers published between 1860 and 1922, with a goal of digitally archiving more than 100,000 pages in the initial two years of the project. The ODNP was also constructed to help facilitate the digitization of Oregon newspapers by outside organizations/individuals. The resulting product will be an open state-wide resource for historic Oregon newspapers online.”
System:	The “Historic Oregon Newspapers” website was built using the open-source “LC Newspaper Viewer” application developed by the Library of Congress for the <i>Chronicling America</i> project.
Extent:	Approximately 53 newspaper titles, including over 400,000 pages, many not included in the Library of Congress “Chronicling America” site (188,061 pages available through “Chronicling America,” with dates ranging from 1864-1922).
Partners:	Unknown
Governance:	The University of Oregon Libraries administers the ODNP and maintains sole control over the website and its digital content. The ODNP has an Advisory Board whose role is to assist annually in the selection of newspaper titles to be filmed using funds from NEH (see <a href="http://library.uoregon.edu/diglib/odnp/advisoryboard.html">http://library.uoregon.edu/diglib/odnp/advisoryboard.html</a> ). Items digitized with NEH funding are submitted to the national project, <i>Chronicling America</i> . Other institutions may become “partners” with no role in ODNP governance or operations by funding digitization of selected newspaper titles; funding from LSTA and the Oregon Cultural Trust has been used to add content to ODNP. The University of Oregon Libraries has committed to long-term preservation of the digital content regardless of the source of funding.
Included in ODL:	Yes
Comments:	The Oregon Digital Newspaper Program (ODNP) began in 2009 with a grant from the National Endowment for the Humanities (NEH), in partnership with the Library of Congress, to digitize Oregon newspapers for inclusion in the National Digital Newspaper Program. The University of Oregon Libraries had previously been the lead institution in the Oregon Newspaper Project (ONP), an effort to microfilm and catalog newspapers, which also received support from NEH. According to the ODNP grant narrative, “The University of Oregon Libraries has the only preservation microfilming operation in the Pacific Northwest” and holds microfilm master negatives for 1,300 Oregon newspaper titles and positive copies of an additional 350 titles filmed by other organizations. <sup>13</sup>

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<sup>13</sup> University of Oregon Libraries. (2009). *Narrative (National Digital Newspaper Program Grant Application)* (NEH Grant No. PJ-50052-09). Eugene, OR. Retrieved from [http://www.neh.gov/files/grants/university\\_of\\_oregon\\_oregon\\_digital\\_newspaper\\_program.pdf](http://www.neh.gov/files/grants/university_of_oregon_oregon_digital_newspaper_program.pdf).

Currently, the NEH limits the digitization funded by its awards to the chronological timeframe of 1836-1922, and the award supports the digitization of only 100,000 pages of content per funding cycle, although in some cases awardees have hosted additional pages on local systems supported by non-NEH funding. Strict quality controls are in place for both the microfilm used for digitization and the digital images derived from the microfilm. All pages are put through an Optical Character Recognition (OCR) process, resulting in full-text search of the digitized newspapers, though the quality of the OCR varies depending on multiple factors, including language, typeface, whitespace, contrast, and the condition of the newspaper when originally microfilmed. In some cases, UO may re-microfilm original newspapers when the microfilm masters are incomplete or not eligible for digitization on quality grounds. In other states, direct digitization of newspapers from the originals is a possibility, eliminating the microfilm step, but UO lacks the equipment for this type of digitization.

UO has expressed interest in expanding the scope of ODNP, depending on available funding, to include additional newspaper content. Papers still subject to copyright would be candidates depending on the ability to secure necessary permissions from publishers or copyright owners. Of particular interest are papers from tribal communities. Other Oregon institutions have expressed interest in having their regional newspapers added to ODNP, and other states, including Colorado, Texas, and Kentucky, have had success in negotiating copyright permissions from publishers. This is especially true in rural communities, where copyrights are typically owned by publishing families rather than by corporations that publish multiple titles. The costs of digitization and hosting content are well established at this point, although UO has not published a cost schedule.

Although ODNP metadata is available in the ODL metasearch tool, the full-text of the newspapers is not included. For full-text resources, a centralized collection is of significantly greater benefit than distributed indexes. Metadata aggregation is possible because NEH and the Library of Congress have required the development of additional resources in order to increase the reach of the National Digital Newspaper Program. Awardees are required to update bibliographic records of digitized titles in WorldCat to ensure conformity with current cataloging for US newspapers. This metadata is then added to the *Chronicling America* newspaper directory along with historical essays for newspaper titles digitized with NEH funds. These essays are also available through the ODNP site. In addition, ODNP offers a limited number of K-12 lesson plans on the ODNP site. Due to the pre-1923 dates of the digitized newspapers, the lesson plans largely focus on early Oregon history. A blog associated with the site (<http://odnp.wordpress.com/>) offers updates on titles added to the site, with occasional pieces exploring Oregon history through the newspapers.

#### NORTHWEST DIGITAL ARCHIVES (NWDA)

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Administered by:	Orbis Cascade Alliance
Primary Contact:	Jodi Allison-Bunnell, NWDA Program Manager
Funding Sources:	LSTA, NEH, NHPRC, IMLS, membership fees
Primary URL:	<a href="http://nwda.orbiscascade.org/">http://nwda.orbiscascade.org/</a>
Documentation URL:	<a href="http://orbiscascade.org/index/northwest-digital-archives-tools">http://orbiscascade.org/index/northwest-digital-archives-tools</a>
Rights URL:	NWDA members retain copyright in their finding aids, if so desired, and also retain the right to remove their finding aids from the NWDA database, if so desired. All

	membership policies are listed at <a href="http://orbiscascade.org/index/northwest-digital-archives-membership">http://orbiscascade.org/index/northwest-digital-archives-membership</a> .
Self-description:	“The Northwest Digital Archives (NWDA) provides enhanced access to archival and manuscript collections in Idaho, Montana, Oregon, Alaska, and Washington through a union database of Encoded Archival Description (EAD) finding aids.”
System:	Custom XML database and UI
Extent:	Because the NWDA database includes materials from a region, it is not possible to determine how many finding aids from Oregon institutions are included. A search on the term “Oregon” results in 12,182 results. Individual digital items are not listed in the search results, and there is no way to limit search results to finding aids that include links to digitized options. Institutions have the option to include such links, but it is unevenly implemented.
Partners (Oregon):	<ul style="list-style-type: none"> <li>Central Oregon Community College</li> <li>Concordia University</li> <li>Confederated Tribes of Siletz Indians</li> <li>Eastern Oregon University</li> <li>George Fox University</li> <li>Lane Community College</li> <li>Lewis &amp; Clark College</li> <li>Linfield College</li> <li>Oregon Health &amp; Science University</li> <li>Oregon Historical Society</li> <li>Oregon Institute of Technology</li> <li>Oregon State University</li> <li>Pacific University</li> <li>Portland State University</li> <li>University of Oregon, Special Collections and University Archives</li> <li>University of Oregon, Archives of Northwest Folklore</li> <li>Western Oregon University</li> <li>Willamette University</li> </ul>
Governance:	The NWDA has a well-developed governance structure, which consists of a Standing Committee and Steering Team. Details of the governance structure are available at <a href="http://orbiscascade.org/index/northwest-digital-archives-governance">http://orbiscascade.org/index/northwest-digital-archives-governance</a> . The Chair of the NWDA Committee serves as a representative to the Orbis Cascade Alliance Council, but NWDA members do not also need to be members of (and may not be eligible for membership in) the Orbis Cascade Alliance. Annual NWDA membership dues range from \$1,969 per year to \$4,641 per year.
Included in ODL:	Yes
Comments:	<p>The NWDA continues to add new members, and there is discussion about changing the name of the collaboration in 2013 to reflect its expanded charter. Historical program reports are available at <a href="http://orbiscascade.org/index/northwest-digital-archives-projects">http://orbiscascade.org/index/northwest-digital-archives-projects</a>.</p> <p>The NWDA is an established collaborative with a strong history of funding. It has published best practice guidelines that are national models for similar collaborations. Although both individually and collectively NWDA members have expressed interest in expanding the scope of the NWDA service to include digitized images, there are currently no plans to offer hosting or even guidelines for digitization through either NWDA or its parent organization, the Orbis Cascade Alliance (OCA). A Digital Program Needs Assessment conducted for OCA in 2007-2009 documented member interest in such projects, and a pilot digital preservation</p>

service modeled on a service offered by the Colorado Association of Research Libraries (CARL) was offered in 2010-2012, but this pilot is scheduled to be discontinued due to unsatisfactory results and competing OCA priorities.

While NWDA and OCA do not offer centralized hosting of digital content, NWDA is currently completing a three-year IMLS project to develop a Cross-Search and Context Utility (XCU) which will “bring together digitized content from thirty-six systems at twenty-five institutions and detailed metadata from archival and manuscript collections at thirty-three institutions. The result will be access to digitized objects in the context of the collections to which they belong, greatly improving the presentation and usability of digital content and associated metadata and better meeting the needs of users.” According to Jodi Allison-Bunnell (interview 8/15/2013), XCU was developed as a demonstration and there are no plans to make it available to the public at present. Typical challenges included normalization of dates, authorities encoded as text strings, and inconsistent geographic and topical subject use. A screencast of the XCU interface is available at <http://www.screencast.com/t/eXAlczphpahp>.

## OREGON ENCYCLOPEDIA

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Administered by:	Portland State University
Primary Contact:	Ulrich H. Hardt, Portland State University Jeff LaLande, Southern Oregon University Linda Tamura, Willamette University
Funding Sources:	Oregon Heritage Commission, Oregon Cultural Trust, LSTA, Oregon Council on the Humanities, individual institutions (see list of donors and partners at <a href="http://www.oregonencyclopedia.org/content/donors/">http://www.oregonencyclopedia.org/content/donors/</a> )
Primary URL:	<a href="http://www.oregonencyclopedia.org/">http://www.oregonencyclopedia.org/</a>
Documentation URL:	<a href="http://www.oregonencyclopedia.org/content/author_guidelines/">http://www.oregonencyclopedia.org/content/author_guidelines/</a>
Rights URL:	<a href="http://www.oregonencyclopedia.org/content/permissions/">http://www.oregonencyclopedia.org/content/permissions/</a>
Self-description:	“The Oregon Encyclopedia provides definitive, general information about the State of Oregon, its places, culture, institutions, significant events, and the people that shaped them. The user-friendly electronic format is intended for use by students, teachers, researchers, and general information-seekers.”
System:	Custom
Extent:	1,042 articles (images and other items not counted separately)
Partners:	Portland State University Oregon Council of Teachers of English Oregon Historical Society Willamette University
Governance:	None identified. The Oregon Council of Teachers of English has applied for grants to develop resources for the Oregon Encyclopedia, as has the Oregon Historical Society; the website is maintained by Portland State University.
Included in ODL:	No
Comments:	The Oregon Encyclopedia began as a project for Oregon’s Sesquicentennial Celebration. In 2012, it was recognized with a “Gene Autry Public History Award” from the Western History Association. In 2011, it was recognized with a “Leadership in History” award from the American Association for State and Local History. In 2009, it was recognized with a “Multicultural Program Award” from the National Council of Teachers of English.

While not a digital library *per se*, the Oregon Encyclopedia ranks highly in both “Page Authority” as calculated by Open Site Explorer and PageRank as calculated by Google Toolbar when compared to other Oregon history sites. The Categories, Themes, SubThemes, Era, and Region categorization used in the Advanced Search can be used as the basis for a more general taxonomy of digital collections. The “Guidelines for Significance” used to guide development of new articles (<http://www.oregonencyclopedia.org/content/significance/>) could also be adapted as a metric for digitization funding.

Many of the individual articles in the Oregon Encyclopedia include media, primarily digitized photos, from Oregon institutions. Instructions for authors state “Authors are encouraged to submit suggestions for appropriate images (e.g., maps, photographs, artworks), film clips, and audio and video clips that could accompany their entries. Authors should submit captions and credits for all supplementary materials.” No complete list of the media has been identified, but development of such a list would be highly useful. The Oregon Encyclopedia could be the institutional home of a directory of digital and/or physical archival collections in the state, should such development be funded.

#### SALEM ONLINE HISTORY/OREGON HISTORICAL PHOTOGRAPHS

Administered by:	Salem Public Library
Primary Contact:	Unknown
Funding Sources:	LSTA, Salem Public Library Foundation
Primary URL:	<a href="http://www.salemhistory.net">http://www.salemhistory.net</a>
Documentation URL:	None identified
Rights URL:	<a href="http://photos.salemhistory.net/cdm/about">http://photos.salemhistory.net/cdm/about</a>
Self-description:	“The history of Oregon preserved in six collections of photographs of people, places, and events that provide snapshots of the state’s history from 1840 to more recent times. The collections are statewide but with special emphasis on Salem and other Willamette Valley communities. Included are photographs from numerous sources including the Ben Maxwell estate, the Statesman Journal Newspaper, Oregon State Archives, Marion County Historical Society, the Asahel Bush family, and other contributors.”
System:	CONTENTdm plus website
Extent:	13,704 items in 6 collections
Partners:	Salem Public Library Oregon State Archives Marion County Historical Society
Governance:	Unknown
Included in ODL:	Yes
Comments:	According to the Oregon State Archives, the Oregon Historical Photographs collection included in the Salem Online History began in 1992 as a project by the Salem Public Library to catalog its collection of historic photographs. The project was expanded to include other area repositories, including the State Archives, and digitization was funded by the Oregon State Library. Currently, the site includes 13,700 items, the majority of which are from the Salem Public Library. The Oregon

State Archives and Marion County Historical Society no longer participate in the project.<sup>14</sup>

#### SOUTHERN OREGON DIGITAL ARCHIVES (SODA)

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Administered by:	Southern Oregon University Library
Primary Contact:	Teresa Montgomery, Associate Director, Southern Oregon University Library
Funding Sources:	IMLS, LSTA
Primary URL:	<a href="http://soda.sou.edu/">http://soda.sou.edu/</a> <a href="http://digital.hanlib.sou.edu/">http://digital.hanlib.sou.edu/</a>
Documentation URL:	<a href="http://soda.sou.edu/technical.html">http://soda.sou.edu/technical.html</a> <a href="http://soda.sou.edu/project/metadata_guidelines.html">http://soda.sou.edu/project/metadata_guidelines.html</a>
Rights URL:	<a href="http://soda.sou.edu/copyright.html">http://soda.sou.edu/copyright.html</a>
Self-description:	The Southern Oregon Digital Archives includes three collections: the Bioregion Collection, which includes publications from federal and state government agencies; the First Nations Collection; and the Southern Oregon History Collection, a regional collaborative project. In addition, the Hannon Library Digital Collections site includes materials digitized under the “Images and Education: A Southern Oregon Perspective” project funded by an LSTA grant awarded by the Oregon State Library
System:	ArchivalWare, CONTENTdm
Extent:	3,600 items in 3 document collections and 3,956 items in 12 image collections.
Partners:	Southern Oregon University Hannon Library Southern Oregon Historical Society Jackson County Library Services Oregon Shakespeare Festival Archives Josephine County Library System Rogue River-Siskiyou National Forest Curry County Historical Society and Museum, Gold Beach North Curry Libraries: Port Orford Library Coos Historical Society/Coos Historical & Maritime Museum Coos County Library Service District Douglas County Library System Douglas County Museum of Natural & Cultural History
Governance:	Unknown
Included in ODL:	Yes
Comments:	Items included in any of the three SODA document collections may be browsed by title and by author, and the collections may be searched individually. The image collections are not integrated into the main SODA site. The collections continue to grow; a notable recent addition is the “Wine of Southern Oregon” collection developed through a grant awarded to Linfield College by the Oregon Cultural Trust. The National Forest Service is also contributing materials from the Rogue River National Forest; an MOU between the NFS and SOU allows the digitization of archival materials. SODA is included in the Federal Depository Library Program Digitization Projects Registry.

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<sup>14</sup> Oregon State Archives. 2012. Oregon Historical Photograph Collection. Retrieved from <http://arcweb.sos.state.or.us/pages/records/historicalphotoslink.html>.

Technical documentation on the site references textual collections only; standards for image collections have not been made publically available. For most collections, materials were sent to SOU for scanning; partners input metadata into spreadsheets for batch upload into CONTENTdm, with the exception of subject headings which were added by the SOU metadata librarian.

## WASHINGTON COUNTY HERITAGE ONLINE (WCHO)

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Administered by:	Pacific University Library
Primary Contact:	Eva Guggemos, Assistant Professor, Archives/Special Collections
Funding Sources:	LSTA
Primary URL:	<a href="http://washingtoncountyheritage.org/cdm/">http://washingtoncountyheritage.org/cdm/</a>
Documentation URL:	<a href="https://sites.google.com/a/pacificu.edu/wchoinfo/wcho-documentation">https://sites.google.com/a/pacificu.edu/wchoinfo/wcho-documentation</a>
Rights URL:	<a href="http://washingtoncountyheritage.org/cdm/copyright">http://washingtoncountyheritage.org/cdm/copyright</a>
Self-description:	“Founded in 2011, Washington County Heritage Online (WCHO) seeks to document the unique heritage of Washington County, Oregon. We aim to: <ul style="list-style-type: none"><li>• digitize and display items of historical and cultural importance</li><li>• celebrate local history</li><li>• encourage cooperation between archives, historical societies, libraries, museums, and other cultural organizations</li><li>• allow for wider access to the unique materials found in Washington County</li><li>• train contributors to adhere to standards that create consistency and allows for WCHO to contribute to regional and national projects”</li></ul>
System:	CONTENTdm
Extent:	7,873 images
Partners:	Pacific University Archives Washington County Museum Banks Historical Society Cedar Mill Community Library Centro Cultural City of Beaverton Cornelius Public Library Community Action Forest Grove City Library Friends of Historic Forest Grove Tigard Public Library
Governance:	An Advisory Committee for WCHO is currently dormant. Pacific University Library maintains the website and digitized items.
Included in ODL:	Yes
Comments:	Washington County Heritage Online grew from a project proposed by the Washington County Museum. The Pacific University Library became the lead partner in a proposal for LSTA support; the Washington County Museum remains a key partner. WCHO uses the CONTENTdm system. Items were digitized at various locations, and CONTENTdm clients were installed at partner sites to enable metadata editing, although bulk upload of metadata through spreadsheets and GoogleDocs was also explored. Project staff state that alternate purely web-based systems, such as Omeka, might allow easier metadata creation by partners.

WCHO has been used as a model by other projects in Oregon, and Pacific

University has been willing to share the metadata guidelines and training manual developed for the project (see Appendix 5). Among the stronger aspects of the project is its focus on local control; the agreements signed by project partners allowed the partners to keep ownership of the digital images and metadata provided to WCHO. Partners were allowed to provide only low-resolution images and to enable watermarks through CONTENTdm.

WCHO could be replicated in a different region or could be expanded to include a larger region. In terms of structure, it is similar to many statewide digitization efforts. The project focused almost exclusively on images, though some textual materials were included (there are 130 items of type “text”).

#### OREGON SUSTAINABLE COMMUNITY DIGITAL LIBRARY

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Administered by:	Portland State University Library
Primary Contact:	Karen Bjork, Digital Initiatives Coordinator
Funding Sources:	LSTA
Primary URL:	<a href="http://oscdl.research.pdx.edu/">http://oscdl.research.pdx.edu/</a>
Documentation URL:	None identified; technical guidelines based on Oregon Historical Society
Rights URL:	None identified
Self-description:	“The Oregon Sustainable Community Digital Library provides a central repository for the collection, accession, and dissemination of key planning documents: grey literature, planning reports, digital images, maps, etc. from the Nohad A. Toulan School of Urban Studies and Planning at Portland State University (PSU), Metro; the regional government, TriMet; the tri-county regional transportation system, the City of Portland Archives, and the City Club of Portland.”
System:	Custom
Extent:	2,267 items
Partners:	Portland State University Metro City of Portland Archives City Club of Portland
Governance:	None identified; control seems to be limited to PSU Library
Included in ODL:	No
Comments:	<p>The OSCDL was developed in 2005 with LSTA grant support through the Oregon State Library. A custom system was designed, with support from the Portland State University Office of Information Technology. The technology used is not specified, but, according to Karen Bjork, the PSU Office of Information Technology has stated that the site is overdue for a refresh. Unfortunately, “it was created without a five-year plan. If we don’t have the funding to bring it up to date, we’ll have to shut it down. It’s becoming an embarrassment” (Karen Bjork, interview 08/06/2013).</p> <p>The content in OSCDL (consisting primarily of textual materials with some maps and other still imagery) would be suitable for inclusion in an institutional repository. The non-standard metadata used in the OSCDL system would have to be mapped to a more standardized scheme. PDXScholar, the DSpace repository of the Portland State University Libraries, is itself being migrated to a hosted DigitalCommons system, and it is not clear whether PSU resources would support the migration of OSCDL content to that system. OSCDL should be considered an endangered collection.</p>

## KLAMATH WATERS DIGITAL LIBRARY

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Administered by:	Oregon Institute of Technology
Primary Contact:	Karen Kunz, Associate Professor - Information Systems
Funding Sources:	LSTA
Primary URL:	<a href="http://digitallib.oit.edu/cdm/landingpage/collection/kwl">http://digitallib.oit.edu/cdm/landingpage/collection/kwl</a> <a href="http://digitallib.oit.edu/cdm/landingpage/collection/histories">http://digitallib.oit.edu/cdm/landingpage/collection/histories</a>
Documentation URL:	None identified
Rights URL:	<a href="http://digitallib.oit.edu/cdm/copyright/collection/kwl">http://digitallib.oit.edu/cdm/copyright/collection/kwl</a>
Self-description:	“Welcome to the Klamath Waters Digital Library, an online repository of information resources related to water issues in the Klamath Watershed. The digital library encompasses a collection of full-text documents, reports, articles, photographs and maps from the 1800s to the present as well as many special collections. Topics covered include water allocation, land and endangered species management, and the history and development of Klamath Reclamation Project.”
System:	CONTENTdm
Extent:	4,612 items
Partners:	None identified
Governance:	Unknown
Included in ODL:	Yes
Comments:	Klamath Waters Digital Library is included in the Federal Depository Library Program Digitization Projects Registry, and portions of the collection are available in the Western Waters Digital Library collaborative project maintained by Colorado State University.

## CRATER LAKE DIGITAL RESEARCH COLLECTION

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Administered by:	Oregon Institute of Technology
Primary Contact:	Karen Kunz, Associate Professor - Information Systems
Funding Sources:	LSTA
Primary URL:	<a href="http://digitallib.oit.edu/cdm/landingpage/collection/craterlake">http://digitallib.oit.edu/cdm/landingpage/collection/craterlake</a>
Documentation URL:	None identified
Rights URL:	<a href="http://digitallib.oit.edu/cdm/copyright/collection/craterlake">http://digitallib.oit.edu/cdm/copyright/collection/craterlake</a>
Self-description:	“A collaborative project between the Oregon Institute of Technology Library and Crater Lake National Park. It is a research collection of park-related scientific and historical/cultural materials for use by researchers, educators and others.”
System:	CONTENTdm
Extent:	356 items
Partners:	Oregon Institute of Technology Crater Lake National Park
Governance:	Unknown
Included in ODL:	Yes
Comments:	Crater Lake Digital Research Collection is included in the Federal Depository Library Program Digitization Projects Registry, and portions of the collection are available in the Western Waters Digital Library collaborative project maintained by Colorado State University.

Administered by:	Western Oregon University
Primary Contact:	Erin Passehl, University Archivist and Digital Collections Librarian
Funding Sources:	LSTA
Primary URL:	<a href="http://www.wou.edu/provost/library/archives/oregongovernors/">http://www.wou.edu/provost/library/archives/oregongovernors/</a>
Documentation URL:	<a href="http://www.wou.edu/provost/library/archives/oregongovernors/about/">http://www.wou.edu/provost/library/archives/oregongovernors/about/</a>
Rights URL:	None identified (varies by collection)
Self-description:	“This portal was created as ... a launchpad for researchers interested in Oregon’s post-war political history, and particularly in the legacy of the men—and the woman—who have held Oregon’s highest office.”
System:	HTML
Extent:	Includes Timeline of Oregon Governors, post-WWII, and links to three collections
Partners:	Portland State University Pacific University Willamette University
Governance:	Unknown
Included in ODL:	No
Comments:	The Oregon Governors Project Portal developed from a project to process the papers of three former Oregon governors. As part of that project, finding aids in EAD were created by the project archivist. Western Oregon University created the “Robert W. Straub Online Beaches Collection” in their DigitalCommons repository and Pacific University created the “Victor Atiyeh Collection” web exhibit in Omeka. The Portal provides access to the various elements of the processing project held by the project partners.

## OREGON DIGITAL COLLECTIONS

In addition to the collaborative projects listed above, many institutions in Oregon have developed digital collections to showcase their own collections and to encourage community use of those collections. A list of these digital collections is included below, based on data gathered through a survey distributed to Oregon libraries, archives, and museums in August 2013 along with analysis of the websites of Oregon institutions. In addition to collections made available by Oregon institutions, collections with significant Oregon content from national and regional institutions have also been included. Over 300 collections were identified. However, the list is undoubtedly not comprehensive even at this time and will quickly become out-of-date due to the evolving nature of digital collections. Ongoing maintenance and development of this list is one possible strategy for making Oregon digital collections more findable.

Data compiled for each of these collections includes the name of the collection, the primary collection URL, the name of the host institution, a description of the collection scope (taken from the collection website), an indication of the extent of the collection (where that could be determined), and the source of funding (if known). Complete data is included as Appendix 2.

### DIGITAL COLLECTIONS BY INSTITUTION

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#### *Government Archives, Libraries, and Records Centers*

##### CITY OF BEAVERTON

*Washington County Heritage Online*

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll13>

Extent:

66

CITY OF PORTLAND ARCHIVES		
<i>Portland Timeline Images</i> URL: <a href="http://www.portlandonline.com/auditor/index.cfm?c=27928">http://www.portlandonline.com/auditor/index.cfm?c=27928</a>	Extent:	90
<i>Slide Show Images</i> URL: <a href="http://www.portlandonline.com/auditor/index.cfm?c=51818">http://www.portlandonline.com/auditor/index.cfm?c=51818</a>	Extent:	37
CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION		
<i>Our History &amp; Culture</i> URL: <a href="http://www.ctuir.org/history.html">http://www.ctuir.org/history.html</a>	Extent:	
LIBRARY OF CONGRESS		
<i>American Memory</i> URL: <a href="http://www.loc.gov/search/?q=oregon&amp;fa=partof%3Aamerican+memory">http://www.loc.gov/search/?q=oregon&amp;fa=partof%3Aamerican+memory</a>	Extent:	11,468
MULTNOMAH COUNTY ARCHIVES		
<i>YouTube Video Collection</i> URL: <a href="http://www.youtube.com/user/MultCoArchives">http://www.youtube.com/user/MultCoArchives</a>	Extent:	13
<i>Multnomah County Archives</i> URL: <a href="https://archon.multco.us/index.php">https://archon.multco.us/index.php</a>	Extent:	13
NATIONAL ARCHIVES AND RECORDS ADMINISTRATION		
<i>Digital Public Library of America</i> URL: <a href="http://dp.la/search?partner[]=National+Archives+and+Records+Administration&amp;q=Oregon&amp;utf8=%E2%9C%93">http://dp.la/search?partner[]=National+Archives+and+Records+Administration&amp;q=Oregon&amp;utf8=%E2%9C%93</a>	Extent:	3,211
OREGON STATE ARCHIVES		
<i>A 1940 Journey Across Oregon</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/across/index.html">http://arcweb.sos.state.or.us/pages/exhibits/across/index.html</a>	Extent:	
<i>A 1940 Oregon Coast Tour</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/coast/index.html">http://arcweb.sos.state.or.us/pages/exhibits/coast/index.html</a>	Extent:	
<i>Crafting the Oregon Constitution: Framework for a New State</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/1857/index.htm">http://arcweb.sos.state.or.us/pages/exhibits/1857/index.htm</a>	Extent:	
<i>Early Oregonian Database</i> URL: <a href="https://secure.sos.state.or.us/prs/personProfileSearch.do?earlyOregonian=true&amp;searchReset=true">https://secure.sos.state.or.us/prs/personProfileSearch.do?earlyOregonian=true&amp;searchReset=true</a>	Extent:	
<i>Echoes of Oregon</i> URL: <a href="http://arcweb.sos.state.or.us/pages/echoes/index.html">http://arcweb.sos.state.or.us/pages/echoes/index.html</a>	Extent:	
<i>Highlights of the Archives</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/50th/50thintro.html">http://arcweb.sos.state.or.us/pages/exhibits/50th/50thintro.html</a>	Extent:	
<i>Historical Travel Photographs</i> URL: <a href="http://arcweb.sos.state.or.us/pages/records/state/odot/odotphotos/highway/index.html">http://arcweb.sos.state.or.us/pages/records/state/odot/odotphotos/highway/index.html</a>	Extent:	
<i>Life on the Home Front: Oregon Responds to World War II</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/ww2/index.htm">http://arcweb.sos.state.or.us/pages/exhibits/ww2/index.htm</a>	Extent:	
<i>Oregon at War: World War I and the Oregon Experience</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/war/index.html">http://arcweb.sos.state.or.us/pages/exhibits/war/index.html</a>	Extent:	
<i>Pearl Harbor Remembered: Oregonians and the Attack on Pearl Harbor</i> URL: <a href="http://arcweb.sos.state.or.us/pages/exhibits/pearl/pearl.htm">http://arcweb.sos.state.or.us/pages/exhibits/pearl/pearl.htm</a>	Extent:	
<i>Salem History Collection</i> URL: <a href="http://photos.salemhistory.net/cdm/landingpage/collection/orarc">http://photos.salemhistory.net/cdm/landingpage/collection/orarc</a>	Extent:	2,211
<i>Scenic Oregon Images and Landscape Photos</i> URL: <a href="http://arcweb.sos.state.or.us/pages/records/local/county/scenic/index.html">http://arcweb.sos.state.or.us/pages/records/local/county/scenic/index.html</a>	Extent:	
<i>Sold in Oregon: Historical Oregon Trademarks</i> URL: <a href="http://arcweb.sos.state.or.us/pages/tm/home.htm">http://arcweb.sos.state.or.us/pages/tm/home.htm</a>	Extent:	

<i>YouTube Video Collection</i> URL: <a href="http://www.youtube.com/user/OregonStateArchives/videos">http://www.youtube.com/user/OregonStateArchives/videos</a>	Extent:	5
<b>OREGON STATE LAW LIBRARY</b>		
<i>Digital Collections</i> URL: <a href="http://digitallawlibrary.oregon.gov/">http://digitallawlibrary.oregon.gov/</a>	Extent:	
<b>OREGON STATE LIBRARY</b>		
<i>Building and Street Scenes</i> URL: <a href="http://photos.lib.state.or.us/exhibit2/vexmain2.htm">http://photos.lib.state.or.us/exhibit2/vexmain2.htm</a>	Extent:	606
<i>Capitol Anniversary Project</i> URL: <a href="http://www.oregon.gov/osl/GRES/Capitol_Anniversary/Pages/home.aspx">http://www.oregon.gov/osl/GRES/Capitol_Anniversary/Pages/home.aspx</a>	Extent:	
<i>Oregon Electronic Documents Repository</i> URL: <a href="http://www.oregon.gov/osl/GRES/pages/REPOS/index.aspx">http://www.oregon.gov/osl/GRES/pages/REPOS/index.aspx</a>	Extent:	10,000+
<i>Oregon Images</i> URL: <a href="http://photos.lib.state.or.us/exhibit3/vexmain3.htm">http://photos.lib.state.or.us/exhibit3/vexmain3.htm</a>	Extent:	435
<i>Oregon National Guard Historical Newsletters</i> URL: <a href="http://library.state.or.us/databases/subjects/ONGnewsletters.php">http://library.state.or.us/databases/subjects/ONGnewsletters.php</a>	Extent:	203
<i>Oregon Voters' Pamphlet Collection</i> URL: <a href="http://library.state.or.us/databases/subjects/Voters_Pamphlet.php">http://library.state.or.us/databases/subjects/Voters_Pamphlet.php</a>	Extent:	205
<i>Portraits</i> URL: <a href="http://photos.lib.state.or.us/exhibit4/vexmain4.htm">http://photos.lib.state.or.us/exhibit4/vexmain4.htm</a>	Extent:	748
<i>Siegmund Collection</i> URL: <a href="http://photos.lib.state.or.us/exhibit1/vexmain1.htm">http://photos.lib.state.or.us/exhibit1/vexmain1.htm</a>	Extent:	129
<b>SIUSLAW NATIONAL FOREST</b>		
<i>The Siuslaw National Forest Collection</i> URL: <a href="http://oregondigital.org/digcol/siuslaw/">http://oregondigital.org/digcol/siuslaw/</a>	Extent:	4,816
<i>Academic Libraries and Archives</i>		
<b>EASTERN OREGON UNIVERSITY</b>		
<i>EOU Historical Photos</i> URL: <a href="http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=eou%20historical%20photos; t1107=; t1108=; t1109=; %3E1091=; %3C1092=:dtype=d">http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=eou%20historical%20photos; t1107=; t1108=; t1109=; %3E1091=; %3C1092=:dtype=d</a>	Extent:	4,189
<i>Fred Hill Historical Photographs</i> URL: <a href="http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=fred%20hill%20historical%20collection; t1107=; t1108=; t1109=; %3E1091=; %3C1092=:dtype=d">http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=fred%20hill%20historical%20collection; t1107=; t1108=; t1109=; %3E1091=; %3C1092=:dtype=d</a>	Extent:	2,087
<i>Oral History of the Grande Ronde</i> URL: <a href="http://library.eou.edu/ohgr/exhibit1/vexmain1.htm">http://library.eou.edu/ohgr/exhibit1/vexmain1.htm</a>	Extent:	30
<i>Special Collections</i> URL: <a href="http://library.eou.edu/collections/">http://library.eou.edu/collections/</a>	Extent:	3
<i>The Fred Hill World War II Photograph Collection</i> URL: <a href="http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=%22fred%20hill%20wwii%20collection%22; t1107=; t1108=; t1109=; %3E1091=; %3C1092=:dtype=d">http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=%22fred%20hill%20wwii%20collection%22; t1107=; t1108=; t1109=; %3E1091=; %3C1092=:dtype=d</a>	Extent:	1,637
<b>GEORGE FOX UNIVERSITY</b>		
<i>Bruin Jr. Exhibits</i> URL: <a href="http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Bruin_Jr/index.html">http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Bruin_Jr/index.html</a>	Extent:	47
<i>May Day Exhibit</i> URL: <a href="http://www.georgefox.edu/offices/murdock/Archives/Exhibits/May_Day/May%20Day%20Home.html">http://www.georgefox.edu/offices/murdock/Archives/Exhibits/May_Day/May%20Day%20Home.html</a>	Extent:	36

<i>Minthorn Hall Exhibit</i> URL: <a href="http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Minthorn/index.html">http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Minthorn/index.html</a>	Extent:	19
<i>Reminisce With Old Photos</i> URL: <a href="http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Reminisce/index.html">http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Reminisce/index.html</a>	Extent:	36
<i>The Crescent</i> URL: <a href="http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Crescent/index.html">http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Crescent/index.html</a>	Extent:	287
<b>LEWIS &amp; CLARK COLLEGE</b>		
<i>Abigail Scott Dunway Collection</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=22">http://digitalcollections.lclark.edu/items/browse?collection=22</a>	Extent:	15
<i>AccessCeramics</i> URL: <a href="http://accessceramics.org/">http://accessceramics.org/</a>	Extent:	285
<i>Albany College Student Newspapers</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=25">http://digitalcollections.lclark.edu/items/browse?collection=25</a>	Extent:	2
<i>Corbett Estate Architectural Drawings</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=9">http://digitalcollections.lclark.edu/items/browse?collection=9</a>	Extent:	7
<i>Erskine Wood Family Collection</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=10">http://digitalcollections.lclark.edu/items/browse?collection=10</a>	Extent:	51
<i>Fir Acres Architectural Sketches</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=11">http://digitalcollections.lclark.edu/items/browse?collection=11</a>	Extent:	8
<i>Gordon Gilkey Prints</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=12">http://digitalcollections.lclark.edu/items/browse?collection=12</a>	Extent:	41
<i>Hugh Deane Collection</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=13">http://digitalcollections.lclark.edu/items/browse?collection=13</a>	Extent:	14
<i>Karl Bodmer Images</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=14">http://digitalcollections.lclark.edu/items/browse?collection=14</a>	Extent:	29
<i>L. Stanley Glarum Collection</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=27">http://digitalcollections.lclark.edu/items/browse?collection=27</a>	Extent:	312
<i>Lewis &amp; Clark Campus Maps</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=6">http://digitalcollections.lclark.edu/items/browse?collection=6</a>	Extent:	20
<i>Lewis &amp; Clark College Historical Photographs</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=4">http://digitalcollections.lclark.edu/items/browse?collection=4</a>	Extent:	2,298
<i>Lewis &amp; Clark College Student Newspaper - Pioneer Log</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=35">http://digitalcollections.lclark.edu/items/browse?collection=35</a>	Extent:	1,623
<i>Lewis &amp; Clark College Student Newspaper - Sacajawea's Voice</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=31">http://digitalcollections.lclark.edu/items/browse?collection=31</a>	Extent:	13
<i>Lewis &amp; Clark College Yearbooks</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=1">http://digitalcollections.lclark.edu/items/browse?collection=1</a>	Extent:	78
<i>Maps of North America</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=15">http://digitalcollections.lclark.edu/items/browse?collection=15</a>	Extent:	11
<i>Oregon Images</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=17">http://digitalcollections.lclark.edu/items/browse?collection=17</a>	Extent:	88
<i>PoeticVoices</i> URL: <a href="http://oregonpoeticvoices.org/">http://oregonpoeticvoices.org/</a>	Extent:	418
<i>Poetry Broad-sides</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=5">http://digitalcollections.lclark.edu/items/browse?collection=5</a>	Extent:	31
<i>Portraits of William Stafford</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=2">http://digitalcollections.lclark.edu/items/browse?collection=2</a>	Extent:	61
<i>Special Collections Publications</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=16">http://digitalcollections.lclark.edu/items/browse?collection=16</a>	Extent:	66

<i>Susan B. Anthony Journals</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=23">http://digitalcollections.lclark.edu/items/browse?collection=23</a>	Extent:	7
<i>The Revolution</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=21">http://digitalcollections.lclark.edu/items/browse?collection=21</a>	Extent:	214
<i>The William Stafford Archives</i> URL: <a href="http://williamstaffordarchives.org/">http://williamstaffordarchives.org/</a>	Extent:	174
<i>WPA Costumes of the World</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=18">http://digitalcollections.lclark.edu/items/browse?collection=18</a>	Extent:	100
<i>WWII Civilian Public Service Art</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=3">http://digitalcollections.lclark.edu/items/browse?collection=3</a>	Extent:	4
<i>WWII Civilian Public Service Camp Newsletters</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=7">http://digitalcollections.lclark.edu/items/browse?collection=7</a>	Extent:	46
<i>WWII Civilian Public Service Camp Photographs</i> URL: <a href="http://digitalcollections.lclark.edu/items/browse?collection=8">http://digitalcollections.lclark.edu/items/browse?collection=8</a>	Extent:	462
<b>LINCOLN COUNTY HISTORICAL SOCIETY</b>		
<i>Lincoln County Historical Society Archive</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fchsa">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fchsa</a>	Extent:	1,393
<b>LINFIELD COLLEGE</b>		
<i>Digital Commons</i> URL: <a href="http://digitalcommons.linfield.edu/">http://digitalcommons.linfield.edu/</a>	Extent:	2,747
<b>OREGON HEALTH AND SCIENCE UNIVERSITY</b>		
<i>Beauty of the PNW Collection</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/beauty">http://drl.ohsu.edu/cdm/landingpage/collection/beauty</a>	Extent:	125
<i>Campus Collection</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/drl">http://drl.ohsu.edu/cdm/landingpage/collection/drl</a>	Extent:	2,325
<i>Classic Article Collection</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll6">http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll6</a>	Extent:	276
<i>Clinical Outcomes Research Initiative (CORI)</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/logan">http://drl.ohsu.edu/cdm/landingpage/collection/logan</a>	Extent:	1,494
<i>CSETech</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/csetech">http://drl.ohsu.edu/cdm/landingpage/collection/csetech</a>	Extent:	346
<i>FDA Drug Approval Documents</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/fdadrug">http://drl.ohsu.edu/cdm/landingpage/collection/fdadrug</a>	Extent:	87
<i>Naturopathic Medicine Historical Collection</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/nmhc2">http://drl.ohsu.edu/cdm/landingpage/collection/nmhc2</a>	Extent:	20
<i>OHSU Historical Collections &amp; Archives</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/hom">http://drl.ohsu.edu/cdm/landingpage/collection/hom</a>	Extent:	3,012
<i>OHSU Oral History Collection</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll1">http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll1</a>	Extent:	10
<i>Oregon National Primate Research Center Rare Books</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll3">http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll3</a>	Extent:	11
<i>Student Scholar Archive</i> URL: <a href="http://drl.ohsu.edu/cdm/landingpage/collection/etd">http://drl.ohsu.edu/cdm/landingpage/collection/etd</a>	Extent:	947
<b>OREGON INSTITUTE OF TECHNOLOGY</b>		
<i>Crater Lake Digital Research Collection</i> URL: <a href="http://digitallib.oit.edu/cdm/landingpage/collection/craterlake">http://digitallib.oit.edu/cdm/landingpage/collection/craterlake</a>	Extent:	356
<i>Geo-Heat Digital Library</i> URL: <a href="http://digitallib.oit.edu/cdm/landingpage/collection/geoheat">http://digitallib.oit.edu/cdm/landingpage/collection/geoheat</a>	Extent:	523

<i>GLO Survey Notes Mapping</i> URL: <a href="http://digitallib.oit.edu/cdm/landingpage/collection/USGS">http://digitallib.oit.edu/cdm/landingpage/collection/USGS</a>	Extent:	82
<i>Klamath Project Annual Project Histories</i> URL: <a href="http://digitallib.oit.edu/cdm/landingpage/collection/histories">http://digitallib.oit.edu/cdm/landingpage/collection/histories</a>	Extent:	42
<i>Klamath Waters Digital Library</i> URL: <a href="http://digitallib.oit.edu/cdm/landingpage/collection/kwl">http://digitallib.oit.edu/cdm/landingpage/collection/kwl</a>	Extent:	4,612
<i>Senior Projects</i> URL: <a href="http://digitallib.oit.edu/cdm/landingpage/collection/sprojects">http://digitallib.oit.edu/cdm/landingpage/collection/sprojects</a>	Extent:	10
<i>Shaw Oral History Project</i> URL: <a href="http://www.oit.edu/shaw/collections/oral-history">http://www.oit.edu/shaw/collections/oral-history</a>	Extent:	6

#### OREGON STATE UNIVERSITY

<i>1993 ODFW Oregon Rocky Shore Aerial Photography Survey</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=/rockshore93">http://oregondigital.org/cdm4/browse.php?CISOROOT=/rockshore93</a>	Extent:	300
<i>Braceros in Oregon Photograph Collection</i> URL: <a href="http://oregondigital.org/digcol/bracero/">http://oregondigital.org/digcol/bracero/</a>	Extent:	103
<i>Building Oregon: Architecture of Oregon and the Pacific Northwest</i> URL: <a href="http://oregondigital.org/digcol/archpnw/">http://oregondigital.org/digcol/archpnw/</a>	Extent:	21,250
<i>Chinese Disinternment Documents</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/41">http://scarc.library.oregonstate.edu/omeka/collections/show/41</a>	Extent:	83
<i>Fairbanks Gallery Fine Art Prints Collection</i> URL: <a href="http://oregondigital.org/digcol/fairbanks/">http://oregondigital.org/digcol/fairbanks/</a>	Extent:	471
<i>Fighters on the Farm Front</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/31">http://scarc.library.oregonstate.edu/omeka/collections/show/31</a>	Extent:	102
<i>Gifford Photographic Collection</i> URL: <a href="http://oregondigital.org/digcol/gifford/">http://oregondigital.org/digcol/gifford/</a>	Extent:	1237
<i>History of Atomic Energy</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/6">http://scarc.library.oregonstate.edu/omeka/collections/show/6</a>	Extent:	152
<i>Linus Pauling: Awards, Honors, and Medals</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/awards/">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/awards/</a>	Extent:	
<i>Linus Pauling: Awards, Honors, and Medals</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpawards">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpawards</a>	Extent:	238
<i>Linus Pauling: Day-by-Day</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/calendar/">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/calendar/</a>	Extent:	
<i>Linus Pauling: International Peace Movement</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/peace/">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/peace/</a>	Extent:	
<i>Linus Pauling: It's in the Blood! A Documentary History of Linus Pauling, Hemoglobin and Sickle Cell Anemia</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/blood/">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/blood/</a>	Extent:	
<i>Linus Pauling: It's in the Blood! A Documentary History of Linus Pauling, Hemoglobin and Sickle Cell Anemia</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fsickle">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fsickle</a>	Extent:	97
<i>Linus Pauling: Nature of the Chemical Bond: A Documentary History</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/bond/">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/bond/</a>	Extent:	
<i>Linus Pauling: Nature of the Chemical Bond: A Documentary History</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fchembond">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fchembond</a>	Extent:	858
<i>Linus Pauling: Scientific War Work</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/war/">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/war/</a>	Extent:	
<i>Linus Pauling: The Race for DNA</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/dna/index.html">http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/dna/index.html</a>	Extent:	

<i>Linus Pauling: The Race for DNA</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fdna">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fdna</a>	Extent:	179
<i>Middle East Water Collection</i> URL: <a href="http://oregondigital.org/digcol/mewaters/">http://oregondigital.org/digcol/mewaters/</a>	Extent:	10,228
<i>One Hundred Years of OSU Extension</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/36">http://scarc.library.oregonstate.edu/omeka/collections/show/36</a>	Extent:	157
<i>Oregon Explorer</i> URL: <a href="http://www.oregonexplorer.info/">http://www.oregonexplorer.info/</a>	Extent:	
<i>Oregon Explorer</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Foe_explorer">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Foe_explorer</a>	Extent:	330
<i>Oregon Institute of Marine Biology Slides &amp; Photographs</i> URL: <a href="http://oregondigital.org/digcol/oimb">http://oregondigital.org/digcol/oimb</a>	Extent:	7,192
<i>Oregon Maps</i> URL: <a href="http://oregondigital.org/digcol/ormaps/">http://oregondigital.org/digcol/ormaps/</a>	Extent:	199
<i>Oregon Multicultural Archives Digital Collection</i> URL: <a href="http://oregondigital.org/digcol/cultural/">http://oregondigital.org/digcol/cultural/</a>	Extent:	747
<i>Oregon State Baseball</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=/baseball">http://oregondigital.org/cdm4/browse.php?CISOROOT=/baseball</a>	Extent:	1,634
<i>OSU Archives</i> URL: <a href="http://oregondigital.org/digcol/archives/">http://oregondigital.org/digcol/archives/</a>	Extent:	5,141
<i>OSU Chronological History</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/61">http://scarc.library.oregonstate.edu/omeka/collections/show/61</a>	Extent:	203
<i>OSU Extension Service Oral History Collection</i> URL: <a href="http://osulibrary.oregonstate.edu/digitalcollections/extensionorallhistory/index.html">http://osulibrary.oregonstate.edu/digitalcollections/extensionorallhistory/index.html</a>	Extent:	
<i>OSU Extension Service Oral History Collection</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fextension">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fextension</a>	Extent:	30
<i>OSU Herbarium Type Specimens</i> URL: <a href="http://oregondigital.org/digcol/herbarium/">http://oregondigital.org/digcol/herbarium/</a>	Extent:	1,968
<i>Pacific Northwest Stream Survey</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=/streamsurve">http://oregondigital.org/cdm4/browse.php?CISOROOT=/streamsurve</a>	Extent:	1,184
<i>Rising Flood Waters: 1964 Corvallis</i> URL: <a href="http://oregondigital.org/digcol/corflood64/">http://oregondigital.org/digcol/corflood64/</a>	Extent:	59
<i>Scanned Maps</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fmiscmaps">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fmiscmaps</a>	Extent:	82
<i>Scholars Archive@OSU</i> URL: <a href="http://ir.library.oregonstate.edu">http://ir.library.oregonstate.edu</a>	Extent:	41,034
<i>The Gerald W. Williams Collection</i> URL: <a href="http://oregondigital.org/digcol/gwilliams/">http://oregondigital.org/digcol/gwilliams/</a>	Extent:	1977
<i>The McDonald Collection</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/11">http://scarc.library.oregonstate.edu/omeka/collections/show/11</a>	Extent:	110
<i>The Roger Hayward Papers</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/16">http://scarc.library.oregonstate.edu/omeka/collections/show/16</a>	Extent:	432
<i>The Seed &amp; Nursery Catalogue in Europe &amp; the U.S., a Short History</i> URL: <a href="http://osulibrary.oregonstate.edu/specialcollections/omeka/exhibits/show/seed">http://osulibrary.oregonstate.edu/specialcollections/omeka/exhibits/show/seed</a>	Extent:	182
<i>The Water Conflict and Cooperation Bibliography</i> URL: <a href="http://osulibrary.oregonstate.edu/digitalcollections/tfdd/">http://osulibrary.oregonstate.edu/digitalcollections/tfdd/</a>	Extent:	
<i>The Water Conflict and Cooperation Bibliography</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Ftfdd">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Ftfdd</a>	Extent:	2,123
<i>Waldo Hall History</i> URL: <a href="http://scarc.library.oregonstate.edu/omeka/collections/show/51">http://scarc.library.oregonstate.edu/omeka/collections/show/51</a>	Extent:	281

PACIFIC UNIVERSITY		
<i>Asian Art at Pacific University</i> URL: <a href="http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll2">http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll2</a>	Extent:	5
<i>CommonKnowledge</i> URL: <a href="http://commons.pacificu.edu">http://commons.pacificu.edu</a>	Extent:	5,073
<i>Cyrus Walker Papers</i> URL: <a href="http://exhibits.lib.pacificu.edu/exhibits/show/walker">http://exhibits.lib.pacificu.edu/exhibits/show/walker</a>	Extent:	313
<i>Lyman Family Letters</i> URL: <a href="http://exhibits.lib.pacificu.edu/exhibits/show/lyman-papers-test">http://exhibits.lib.pacificu.edu/exhibits/show/lyman-papers-test</a>	Extent:	285
<i>Ocular Disease Collection</i> URL: <a href="http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll4">http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll4</a>	Extent:	338
<i>Politics of the AIDS and Gay &amp; Lesbian Movements</i> URL: <a href="http://exhibits.lib.pacificu.edu/exhibits/show/aids-gay-lesbian">http://exhibits.lib.pacificu.edu/exhibits/show/aids-gay-lesbian</a>	Extent:	28
<i>Victor Atiyeh Collection</i> URL: <a href="http://exhibits.lib.pacificu.edu/exhibits/show/atiyeh">http://exhibits.lib.pacificu.edu/exhibits/show/atiyeh</a>	Extent:	570
<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll2">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll2</a>	Extent:	4,118
PORTLAND STATE UNIVERSITY		
<i>Finding Aids: Special Collections &amp; University Archives</i> URL: <a href="https://archives.pdx.edu/archon/?p=collections/collections">https://archives.pdx.edu/archon/?p=collections/collections</a>	Extent:	52
<i>Oregon Encyclopedia</i> URL: <a href="http://www.oregonencyclopedia.org/">http://www.oregonencyclopedia.org/</a>	Extent:	1,042
<i>Oregon Sustainable Community Digital Library</i> URL: <a href="http://oscdl.research.pdx.edu/">http://oscdl.research.pdx.edu/</a>	Extent:	2,267
<i>PDXScholar</i> URL: <a href="http://dr.archives.pdx.edu/xmlui/">http://dr.archives.pdx.edu/xmlui/</a>	Extent:	3,234
<i>University Archives Digital Gallery</i> URL: <a href="https://archives.pdx.edu/digitalgallery/pages/home.php">https://archives.pdx.edu/digitalgallery/pages/home.php</a>	Extent:	8,027
SOUTHERN OREGON UNIVERSITY		
<i>Dean &amp; Mary Collins Collection</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll3">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll3</a>	Extent:	98
<i>eScholarship@SOU</i> URL: <a href="http://140.211.95.2:8080/awweb/main.jsp?type=bscs">http://140.211.95.2:8080/awweb/main.jsp?type=bscs</a>	Extent:	173
<i>Geometry in our World</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll1">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll1</a>	Extent:	348
<i>Historic Southern Oregon University</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll6">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll6</a>	Extent:	307
<i>Kalmiopsis Wilderness</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll7">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll7</a>	Extent:	417
<i>Oregon Shakespeare Festival</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll3">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll3</a>	Extent:	319
<i>Pear Packing - A Season of Women's Work</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll4">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll4</a>	Extent:	25
<i>Peter Britt Photographs</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll1">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll1</a>	Extent:	776
<i>Rogue River National Forest Historic Images</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll4">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll4</a>	Extent:	649
<i>Schuman Musical Instruments</i>	Extent:	101

URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll2">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll2</a>		
<i>SODA: Bioregion Collection</i> URL: <a href="http://soda.sou.edu:8080/soda/search/index.html?awcollection=Bioregion#link/search/new">http://soda.sou.edu:8080/soda/search/index.html?awcollection=Bioregion#link/search/new</a>	Extent:	2,192
<i>SODA: First Nations Collection</i> URL: <a href="http://soda.sou.edu:8080/soda/search/index.html?awcollection=Tribal#link/search/new">http://soda.sou.edu:8080/soda/search/index.html?awcollection=Tribal#link/search/new</a>	Extent:	544
<i>SODA: Southern Oregon History Collection</i> URL: <a href="http://soda.sou.edu:8080/soda/search/index.html?awcollection=History#link/search/new">http://soda.sou.edu:8080/soda/search/index.html?awcollection=History#link/search/new</a>	Extent:	864
<i>Wine of Southern Oregon</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll8">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll8</a>	Extent:	35
<b>UNIVERSITY OF OREGON</b>		
<i>African Political Ephemera and Realia</i> URL: <a href="http://oregondigital.org/digcol/afpep/">http://oregondigital.org/digcol/afpep/</a>	Extent:	66
<i>Artists' Books at the University of Oregon Libraries</i> URL: <a href="http://oregondigital.org/digcol/bookarts/">http://oregondigital.org/digcol/bookarts/</a>	Extent:	643
<i>Chaim Perelman Archives</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fperelman">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fperelman</a>	Extent:	4
<i>Dissociation &amp; Trauma Archives</i> URL: <a href="http://oregondigital.org/digcol/diss/">http://oregondigital.org/digcol/diss/</a>	Extent:	53
<i>Doris Ulmann Photographs</i> URL: <a href="http://oregondigital.org/digcol/ulmann/">http://oregondigital.org/digcol/ulmann/</a>	Extent:	1,782
<i>e-Asia Digital Library</i> URL: <a href="http://e-asia.uoregon.edu/">http://e-asia.uoregon.edu/</a>	Extent:	
<i>Historic Oregon Newspapers</i> URL: <a href="http://oregonnews.uoregon.edu">http://oregonnews.uoregon.edu</a>	Extent:	
<i>Historic Sheet Music</i> URL: <a href="http://oregondigital.org/digcol/sheetmusic/">http://oregondigital.org/digcol/sheetmusic/</a>	Extent:	1,060
<i>Historical Photographs</i> URL: <a href="http://oregondigital.org/digcol/gh/">http://oregondigital.org/digcol/gh/</a>	Extent:	1,580
<i>Japanese American Student Relocation</i> URL: <a href="http://oregondigital.org/digcol/jasr/">http://oregondigital.org/digcol/jasr/</a>	Extent:	28
<i>Lesbian Intentional Communities: Ruth Mountaingrove Photographs</i> URL: <a href="http://oregondigital.org/digcol/comm/">http://oregondigital.org/digcol/comm/</a>	Extent:	918
<i>Lowenstam Collection of Ancient Western Art and Archaeology</i> URL: <a href="http://oregondigital.org/digcol/lowenstam/">http://oregondigital.org/digcol/lowenstam/</a>	Extent:	14,872
<i>Manuscripts and Rare Books</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2FManuscripts">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2FManuscripts</a>	Extent:	3
<i>Mongolian Altai Inventory Image Collection</i> URL: <a href="http://oregondigital.org/digcol/maic/">http://oregondigital.org/digcol/maic/</a>	Extent:	2,827
<i>Northwest Folklife Digital Collection</i> URL: <a href="http://oregondigital.org/digcol/folklore/">http://oregondigital.org/digcol/folklore/</a>	Extent:	6,242
<i>Oregon Daily Emerald Archives</i> URL: <a href="http://oregondigital.org/digcol/digcol/ode/">http://oregondigital.org/digcol/digcol/ode/</a>	Extent:	1,346
<i>Oregon Latino Heritage</i> URL: <a href="http://oregondigital.org/digcol/latinoherit/">http://oregondigital.org/digcol/latinoherit/</a>	Extent:	134
<i>Oregon Maps</i> URL: <a href="http://oregondigital.org/digcol/ormaps/">http://oregondigital.org/digcol/ormaps/</a>	Extent:	199
<i>Percent for Art</i> URL: <a href="http://oregondigital.org/digcol/oac/">http://oregondigital.org/digcol/oac/</a>	Extent:	3,491
<i>Petrarch</i>	Extent:	8

URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpetrarch">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpetrarch</a>		
<i>Picturing the Cayuse, Walla Walla &amp; Umatilla Tribes</i> URL: <a href="http://oregondigital.org/digcol/mh/">http://oregondigital.org/digcol/mh/</a>	Extent:	315
<i>ScholarsBank</i> URL: <a href="https://scholarsbank.uoregon.edu/xmlui/">https://scholarsbank.uoregon.edu/xmlui/</a>	Extent:	11,146
<i>Tribal Legacies</i> URL: <a href="http://oregondigital.org/digcol/tlegacies/">http://oregondigital.org/digcol/tlegacies/</a>	Extent:	145
<i>UO Archives Photographs</i> URL: <a href="http://oregondigital.org/digcol/univ/">http://oregondigital.org/digcol/univ/</a>	Extent:	1,144
<i>UO Athletics</i> URL: <a href="http://oregondigital.org/digcol/athletics/">http://oregondigital.org/digcol/athletics/</a>	Extent:	5,773
<i>UO Channel</i> URL: <a href="http://media.uoregon.edu/channel/">http://media.uoregon.edu/channel/</a>	Extent:	
<i>UO Office of the President</i> URL: <a href="http://oregondigital.org/digcol/uopres/">http://oregondigital.org/digcol/uopres/</a>	Extent:	617
<i>UO Stock Photos</i> URL: <a href="http://oregondigital.org/digcol/uostock/">http://oregondigital.org/digcol/uostock/</a>	Extent:	2,003
<i>UO Veterans</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fuovets">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fuovets</a>	Extent:	28
<i>Western Waters Digital Library: Columbia River Basin</i> URL: <a href="http://oregondigital.org/digcol/wwdl/">http://oregondigital.org/digcol/wwdl/</a>	Extent:	254
<b>UNIVERSITY OF PORTLAND</b>		
<i>Art in the Clark Library</i> URL: <a href="http://up.contentdm.oclc.org/cdm/landingpage/collection/p16472coll2">http://up.contentdm.oclc.org/cdm/landingpage/collection/p16472coll2</a>	Extent:	5
<i>Campus Aerial Views and Maps</i> URL: <a href="http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll2">http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll2</a>	Extent:	44
<i>The Art of Deception - Theatrical Makeup</i> URL: <a href="http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll5">http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll5</a>	Extent:	5
<i>University Presidents</i> URL: <a href="http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll1">http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll1</a>	Extent:	151
<b>UNIVERSITY OF SOUTHERN CALIFORNIA LIBRARIES</b>		
<i>Digital Public Library of America</i> URL: <a href="http://dp.la/search?partner[]=University+of+Southern+California.+Libraries&amp;q=Oregon&amp;utf8=%E2%9C%93">http://dp.la/search?partner[]=University+of+Southern+California.+Libraries&amp;q=Oregon&amp;utf8=%E2%9C%93</a>	Extent:	538
<b>UNIVERSITY OF WASHINGTON</b>		
<i>American Indians of the Pacific Northwest Collection</i> URL: <a href="http://content.lib.washington.edu/aipnw/index.html">http://content.lib.washington.edu/aipnw/index.html</a>	Extent:	3,888
<b>WASHINGTON STATE UNIVERSITY VANCOUVER</b>		
<i>Columbia River Basin Ethnic History Project: Oregon Historical Society Ethnic History Collection</i> URL: <a href="http://archive.vancouver.wsu.edu/crbeha/home.htm">http://archive.vancouver.wsu.edu/crbeha/home.htm</a>	Extent:	582
<b>WESTERN OREGON UNIVERSITY</b>		
<i>Robert W. Straub Oregon Beaches Collection</i> URL: <a href="http://digitalcommons.wou.edu/straub/">http://digitalcommons.wou.edu/straub/</a>	Extent:	56
<i>Cooperative Governor's Papers Portal</i> URL: <a href="http://www.wou.edu/provost/library/archives/oregongovernors/">http://www.wou.edu/provost/library/archives/oregongovernors/</a>	Extent:	
<i>Digital Commons</i> URL: <a href="http://digitalcommons.wou.edu/">http://digitalcommons.wou.edu/</a>	Extent:	706

WILLAMETTE UNIVERSITY		
<i>Academic Commons</i> URL: <a href="http://libmedia.willamette.edu/collections/collections.php">http://libmedia.willamette.edu/collections/collections.php</a>	Extent:	3,741
<i>Congressional and Political Papers</i> URL: <a href="http://library.willamette.edu/archives/collections/congress/">http://library.willamette.edu/archives/collections/congress/</a>	Extent:	0
<i>Pacific Northwest Artists Archive</i> URL: <a href="http://library.willamette.edu/archives/collections/pnaa/">http://library.willamette.edu/archives/collections/pnaa/</a>	Extent:	352
<i>Special Collections</i> URL: <a href="http://library.willamette.edu/archives/collections/special/">http://library.willamette.edu/archives/collections/special/</a>	Extent:	2,181
<i>University Archives and Records</i> URL: <a href="http://library.willamette.edu/archives/collections/university/">http://library.willamette.edu/archives/collections/university/</a>	Extent:	2,564

### Public Libraries

ALBANY PUBLIC LIBRARY		
<i>Contentdm Title</i> URL: <a href="http://cdm16440.contentdm.oclc.org">http://cdm16440.contentdm.oclc.org</a>	Extent:	227
BAKER COUNTY LIBRARY		
<i>Historic Photographs</i> URL: <a href="http://173.201.75.33/webphoto/">http://173.201.75.33/webphoto/</a>	Extent:	7,116
CEDAR MILL COMMUNITY LIBRARY		
<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll4">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll4</a>	Extent:	51
CORNELIUS PUBLIC LIBRARY		
<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll9">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll9</a>	Extent:	144
CORVALLIS-BENTON COUNTY PUBLIC LIBRARY		
<i>Corvallis Gazette-Times index 7-1-1969 through 11-30-1999</i> URL: <a href="http://corvallis.libguides.com/gtindex">http://corvallis.libguides.com/gtindex</a>	Extent:	2
ECHO PUBLIC LIBRARY		
<i>Echo Historical photos</i> URL: <a href="http://echo-oregon.com/gallery-historical.html">http://echo-oregon.com/gallery-historical.html</a>	Extent:	12
<i>History of Echo</i> URL: <a href="http://echo-oregon.com/index-2.html">http://echo-oregon.com/index-2.html</a>	Extent:	8
FOREST GROVE CITY LIBRARY		
<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll6">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll6</a>	Extent:	89
HARNEY COUNTY LIBRARY		
<i>Claire McGill Luce Western History Room</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/claire-mcgill-luce-western-history-room">http://www.harneycountylibrary.org/western-history-room/exhibits/claire-mcgill-luce-western-history-room</a>	Extent:	11
<i>Early Day Homes of Burns, Oregon</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/historic-homes-of-burns-oregon">http://www.harneycountylibrary.org/western-history-room/exhibits/historic-homes-of-burns-oregon</a>	Extent:	33
<i>Early Day Threshing Operations in Harney County</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/early-day-threshing-operations-in-harney-county">http://www.harneycountylibrary.org/western-history-room/exhibits/early-day-threshing-operations-in-harney-county</a>	Extent:	19
<i>Edward Hines Lumber Mill</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/edward-hines-lumber-mill">http://www.harneycountylibrary.org/western-history-room/exhibits/edward-hines-lumber-mill</a>	Extent:	86

<i>Harney County Pioneers</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/harney-county-pioneers">http://www.harneycountylibrary.org/western-history-room/exhibits/harney-county-pioneers</a>	Extent:	34
<i>Historic Burns, Oregon</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/historic-burns-oregon">http://www.harneycountylibrary.org/western-history-room/exhibits/historic-burns-oregon</a>	Extent:	15
<i>Rodeo</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/rodeo">http://www.harneycountylibrary.org/western-history-room/exhibits/rodeo</a>	Extent:	9
<i>Sagebrush Symphony Orchestra</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/sagebrush-symphony-orchestra">http://www.harneycountylibrary.org/western-history-room/exhibits/sagebrush-symphony-orchestra</a>	Extent:	8
<i>Unidentified Photographs from the Collection of Agnes Brown</i> URL: <a href="http://www.harneycountylibrary.org/western-history-room/exhibits/unidentified-photographs-from-the-collection-of-agnes-brown">http://www.harneycountylibrary.org/western-history-room/exhibits/unidentified-photographs-from-the-collection-of-agnes-brown</a>	Extent:	7

#### MULTNOMAH COUNTY PUBLIC LIBRARY

<i>Centennial Library Collection</i> URL: <a href="http://cdm16493.contentdm.oclc.org/cdm/search/collection/p16493coll1/collection/p16493coll1">http://cdm16493.contentdm.oclc.org/cdm/search/collection/p16493coll1/collection/p16493coll1</a>	Extent:	47
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#### SALEM PUBLIC LIBRARY

<i>Ben Maxwell</i> URL: <a href="http://photos.salemhistory.net/cdm/landingpage/collection/max">http://photos.salemhistory.net/cdm/landingpage/collection/max</a>	Extent:	5,596
<i>Bush Family Historic Photographs</i> URL: <a href="http://photos.salemhistory.net/cdm/landingpage/collection/bushhouse">http://photos.salemhistory.net/cdm/landingpage/collection/bushhouse</a>	Extent:	2,203
<i>Special Collections</i> URL: <a href="http://photos.salemhistory.net/cdm/landingpage/collection/specialcol">http://photos.salemhistory.net/cdm/landingpage/collection/specialcol</a>	Extent:	2,277
<i>Statesman Journal</i> URL: <a href="http://photos.salemhistory.net/cdm/landingpage/collection/sj">http://photos.salemhistory.net/cdm/landingpage/collection/sj</a>	Extent:	1,089

#### TIGARD PUBLIC LIBRARY

<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/search/collection/p16047coll5">http://washingtoncountyheritage.org/cdm/search/collection/p16047coll5</a>	Extent:	45
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### Museums and Historical Societies

#### BANKS HISTORICAL SOCIETY

<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll8">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll8</a>	Extent:	93
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#### CLATSOP COUNTY HISTORICAL SOCIETY

<i>Photo Gallery</i> URL: <a href="http://www.flickr.com/photos/clatsop_county_historical_society/">http://www.flickr.com/photos/clatsop_county_historical_society/</a>	Extent:	521
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#### COLUMBIA GORGE DISCOVERY CENTER AND WASCO COUNTY HISTORICAL MUSEUM

<i>Columbia Gorge Discovery Center Baskets of the Northwest Catalog</i> URL: <a href="http://www.gorgediscovery.org/basketarchive/newBrowse.asp?offset=0">http://www.gorgediscovery.org/basketarchive/newBrowse.asp?offset=0</a>	Extent:	748
<i>Columbia Gorge Discovery Center Photo Archive</i> URL: <a href="http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fcgdc">http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fcgdc</a>	Extent:	8,438
<i>Columbia Gorge Discovery Center Photo Archive</i> URL: <a href="http://www.gorgediscovery.org/photoarchive/newBrowse.asp">http://www.gorgediscovery.org/photoarchive/newBrowse.asp</a>	Extent:	1,100

#### COOS ART MUSEUM

<i>Permanent Collection</i> URL: <a href="http://www.coosart.org/permanent-collection-with-sizes/#lightbox/0/">http://www.coosart.org/permanent-collection-with-sizes/#lightbox/0/</a>	Extent:	335
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#### DICKINSON RESEARCH CENTER, NATIONAL COWBOY & WESTERN HERITAGE MUSEUM

<i>Image Archive Database</i>	Extent:	8,491
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URL: <http://imagedb.nationalcowboymuseum.org>

FRIENDS OF HISTORIC FOREST GROVE		
<i>Washington County Heritage Online</i>	Extent:	323
URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll7">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll7</a>		
HISTORY MUSEUM OF HOOD RIVER COUNTY		
<i>Historic Hood River Photo Blog</i>	Extent:	644
URL: <a href="http://www.historichoodriver.com/">http://www.historichoodriver.com/</a>		
KLAMATH COUNTY MUSEUMS		
<i>Photo Gallery</i>	Extent:	
URL: <a href="http://www.co.klamath.or.us/museum/Photo_Gallery.htm">http://www.co.klamath.or.us/museum/Photo_Gallery.htm</a>		
LANE COUNTY HISTORICAL MUSEUM		
<i>PastPerfect Online</i>	Extent:	3,000
URL: <a href="http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=ks">http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=ks</a>		
MARION COUNTY HISTORICAL SOCIETY		
<i>Salem History Collection</i>	Extent:	328
URL: <a href="http://photos.salemhistory.net/cdm/landingpage/collection/mchs">http://photos.salemhistory.net/cdm/landingpage/collection/mchs</a>		
OLD AURORA COLONY HISTORICAL MUSEUM		
<i>Exhibits</i>	Extent:	
URL: <a href="http://www.auroracolony.org/old/aurora/colony/exhibits">http://www.auroracolony.org/old/aurora/colony/exhibits</a>		
OREGON HISTORICAL SOCIETY		
<i>Artifacts Gallery</i>	Extent:	22
URL: <a href="http://www.ohs.org/research/library/artifacts/">http://www.ohs.org/research/library/artifacts/</a>		
<i>Collections Online Catalog</i>	Extent:	48,484
URL: <a href="http://librarycatalog.ohs.org/eosweb/opac/">http://librarycatalog.ohs.org/eosweb/opac/</a>		
<i>Meet Me at the Movies</i>	Extent:	
URL: <a href="http://www.ohs.org/exhibits/online/meet-me-at-the-movies.cfm">http://www.ohs.org/exhibits/online/meet-me-at-the-movies.cfm</a>		
<i>Native American Basketry</i>	Extent:	
URL: <a href="http://www.ohs.org/exhibits/online/native-american-basketry.cfm">http://www.ohs.org/exhibits/online/native-american-basketry.cfm</a>		
<i>Oregon History Project</i>	Extent:	
URL: <a href="http://www.ohs.org/the-oregon-history-project/">http://www.ohs.org/the-oregon-history-project/</a>		
<i>Photograph Gallery</i>	Extent:	244
URL: <a href="http://www.ohs.org/research/library/photograph-gallery/">http://www.ohs.org/research/library/photograph-gallery/</a>		
<i>Photos (ecommerce site)</i>	Extent:	1,650
URL: <a href="http://shop.ohs.org/">http://shop.ohs.org/</a>		
OREGON JEWISH MUSEUM		
<i>Glimpse into the Archives</i>	Extent:	
URL: <a href="http://www.ojm.org/archives_monthly.htm">http://www.ojm.org/archives_monthly.htm</a>		
OREGON NIKKEI ENDOWMENT		
<i>Oregon Nikkei Legacy Center Collections</i>	Extent:	781
URL: <a href="http://www.flickr.com/photos/onlc/">http://www.flickr.com/photos/onlc/</a>		
OREGON STATE HOSPITAL MUSEUM OF MENTAL HEALTH		
<i>OHS Research and Artifact News</i>	Extent:	
URL: <a href="http://oshmuseum.org/research/">http://oshmuseum.org/research/</a>		
PORTLAND ART MUSEUM		
<i>African Art</i>	Extent:	12

URL: <a href="http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1;dtype=i;subset=100">http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1;dtype=i;subset=100</a>		
<i>American Art</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=528">http://www.portlandartmuseum.org/page.aspx?pid=528</a>	Extent:	92
<i>Ancient Art</i> URL: <a href="http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=4;dtype=i;subset=100">http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=4;dtype=i;subset=100</a>	Extent:	100
<i>Asian Art</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=529">http://www.portlandartmuseum.org/page.aspx?pid=529</a>	Extent:	619
<i>European Art</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=530">http://www.portlandartmuseum.org/page.aspx?pid=530</a>	Extent:	183
<i>Graphic Arts</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=535">http://www.portlandartmuseum.org/page.aspx?pid=535</a>	Extent:	952
<i>Modern and Contemporary Art</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=531">http://www.portlandartmuseum.org/page.aspx?pid=531</a>	Extent:	890
<i>Native American Art</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=532">http://www.portlandartmuseum.org/page.aspx?pid=532</a>	Extent:	1,255
<i>Northwest Art</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=533">http://www.portlandartmuseum.org/page.aspx?pid=533</a>	Extent:	2,390
<i>Photography</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=534">http://www.portlandartmuseum.org/page.aspx?pid=534</a>	Extent:	3,333
<i>Pre-Columbian Art</i> URL: <a href="http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1024;dtype=i;subset=100">http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1024;dtype=i;subset=100</a>	Extent:	24
<i>Silver</i> URL: <a href="http://www.portlandartmuseum.org/page.aspx?pid=536">http://www.portlandartmuseum.org/page.aspx?pid=536</a>	Extent:	71
<i>Western Decorative Art</i> URL: <a href="http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=8192;dtype=i;subset=100">http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=8192;dtype=i;subset=100</a>	Extent:	78
<b>SMITHSONIAN INSTITUTION</b>		
<i>CollectionSearchCenter: Other collections</i> URL: <a href="http://collections.si.edu/search/results.htm?q=Oregon&amp;tag.cstype=all">http://collections.si.edu/search/results.htm?q=Oregon&amp;tag.cstype=all</a>	Extent:	7,660
<b>SMITHSONIAN NATURAL MUSEUM OF NATURAL HISTORY</b>		
<i>Anthropology Collections Database</i> URL: <a href="http://collections.si.edu/search/results.htm?tag.cstype=all&amp;q=Oregon&amp;fq=data_source:%22NMNH+-+Anthropology+Dept.%22">http://collections.si.edu/search/results.htm?tag.cstype=all&amp;q=Oregon&amp;fq=data_source:%22NMNH+-+Anthropology+Dept.%22</a>	Extent:	7,288
<b>SOUTHERN OREGON HISTORICAL SOCIETY</b>		
<i>Online Catalog</i> URL: <a href="http://sohs.pastperfect-online.com/">http://sohs.pastperfect-online.com/</a>	Extent:	3,915
<b>SOUTHERN OREGON UNIVERSITY</b>		
<i>Southern Oregon Historical Society</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll2">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll2</a>	Extent:	801
<i>Southern Oregon University Insect Museum</i> URL: <a href="http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll6">http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll6</a>	Extent:	80
<b>ST. PAUL MISSION HISTORICAL SOCIETY</b>		
<i>Photograph and Archival Collections</i> URL: <a href="http://spmhs.pastperfect-online.com/collections.html">http://spmhs.pastperfect-online.com/collections.html</a>	Extent:	2,578
<b>TAMASTSLIKT CULTURAL INSTITUTE</b>		
<i>Restoring Our Names</i> URL: <a href="http://www.digitalcultures.com/ctuirMap/">http://www.digitalcultures.com/ctuirMap/</a>	Extent:	

**UNIVERSITY OF OREGON**

<i>Jordan Schnitzer Museum of Art: Americas Collection</i> URL: <a href="http://jsma.uoregon.edu/americas">http://jsma.uoregon.edu/americas</a>	Extent:	3,128
<i>Jordan Schnitzer Museum of Art: Chinese Collections</i> URL: <a href="http://jsmacollection.uoregon.edu/info.php?f=CULTURE&amp;type=browse&amp;t=objects&amp;s=Chinese">http://jsmacollection.uoregon.edu/info.php?f=CULTURE&amp;type=browse&amp;t=objects&amp;s=Chinese</a>	Extent:	452
<i>Jordan Schnitzer Museum of Art: European Art and Russian Icons</i> URL: <a href="http://jsmacollection.uoregon.edu/info.php?f=CULTURE&amp;type=browse&amp;t=objects&amp;s=European">http://jsmacollection.uoregon.edu/info.php?f=CULTURE&amp;type=browse&amp;t=objects&amp;s=European</a>	Extent:	575
<i>Jordan Schnitzer Museum of Art: Japanese Art</i> URL: <a href="http://jsma.uoregon.edu/japanese">http://jsma.uoregon.edu/japanese</a>	Extent:	1,037
<i>Jordan Schnitzer Museum of Art: Korean Collections</i> URL: <a href="http://jsma.uoregon.edu/korean">http://jsma.uoregon.edu/korean</a>	Extent:	249
<i>Jordan Schnitzer Museum of Art: Northwest Art Collection</i> URL: <a href="http://jsma.uoregon.edu/americas">http://jsma.uoregon.edu/americas</a>	Extent:	1,745
<i>Jordan Schnitzer Museum of Art: Photography Collections</i> URL: <a href="http://jsma.uoregon.edu/photography">http://jsma.uoregon.edu/photography</a>	Extent:	581
<i>Jordan Schnitzer Museum of Art: South &amp; Southeast Asian Art &amp; Art of the Islamic World</i> URL: <a href="http://jsma.uoregon.edu/south-southeast-asian-art-art-islamic-world">http://jsma.uoregon.edu/south-southeast-asian-art-art-islamic-world</a>	Extent:	44

**WASHINGTON COUNTY MUSEUM**

<i>Finley Photographs Exhibit</i> URL: <a href="http://wcmuseumexhibits.org/">http://wcmuseumexhibits.org/</a>	Extent:	
<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll1">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll1</a>	Extent:	1,924

**WRIGHT ARCHIVES**

<i>Jackson County Pioneer Index</i> URL: <a href="http://www.wrightarchives.com/archive.html">http://www.wrightarchives.com/archive.html</a>	Extent:	
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*Other Organizations***CENTRO CULTURAL**

<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll3">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll3</a>	Extent:	904
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**COMMUNITY ACTION**

<i>Washington County Heritage Online</i> URL: <a href="http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll10">http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll10</a>	Extent:	116
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**DAVID RUMSEY HISTORICAL MAP COLLECTION**

<i>Digital Public Library of America</i> URL: <a href="http://dp.la/search?partner[]=David+Rumsey&amp;q=Oregon&amp;utf8=%E2%9C%93">http://dp.la/search?partner[]=David+Rumsey&amp;q=Oregon&amp;utf8=%E2%9C%93</a>	Extent:	1,137
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**FAMILYSEARCH**

<i>Oregon, Baker County Records, 1862-1950</i> URL: <a href="https://familysearch.org/search/collection/1384963">https://familysearch.org/search/collection/1384963</a>	Extent:	66,538
<i>Oregon, Benton County Records, 1856-1984</i> URL: <a href="https://familysearch.org/search/collection/1929994">https://familysearch.org/search/collection/1929994</a>	Extent:	75,599
<i>Oregon, Births and Christenings, 1868-1929</i> URL: <a href="https://familysearch.org/search/collection/1675468">https://familysearch.org/search/collection/1675468</a>	Extent:	61,020
<i>Oregon, Civil War Service Records of Union Soldiers, 1861-1865</i> URL: <a href="https://familysearch.org/search/collection/1932421">https://familysearch.org/search/collection/1932421</a>	Extent:	53,945
<i>Oregon, Columbia County Records, 1854-1958</i> URL: <a href="https://familysearch.org/search/collection/1923992">https://familysearch.org/search/collection/1923992</a>	Extent:	91,013

<i>Oregon, County Marriages, 1851-1975</i> URL: <a href="https://familysearch.org/search/collection/1803968">https://familysearch.org/search/collection/1803968</a>	Extent:	104,501
<i>Oregon, Death Index, 1903-1998</i> URL: <a href="https://familysearch.org/search/collection/1946790">https://familysearch.org/search/collection/1946790</a>	Extent:	1,447,641
<i>Oregon, Deaths and Burials, 1903-1947</i> URL: <a href="https://familysearch.org/search/collection/1675532">https://familysearch.org/search/collection/1675532</a>	Extent:	22,625
<i>Oregon, Douglas County Records, 1852-1952</i> URL: <a href="https://familysearch.org/search/collection/1972896">https://familysearch.org/search/collection/1972896</a>	Extent:	184,548
<i>Oregon, Marion County Records, 1849-1976</i> URL: <a href="https://familysearch.org/search/collection/2071970">https://familysearch.org/search/collection/2071970</a>	Extent:	406,225
<i>Oregon, Marriages, 1853-1935</i> URL: <a href="https://familysearch.org/search/collection/1675533">https://familysearch.org/search/collection/1675533</a>	Extent:	58,915
<i>Oregon, Polk County Records, 1857-1972</i> URL: <a href="https://familysearch.org/search/collection/1453591">https://familysearch.org/search/collection/1453591</a>	Extent:	34,823
<i>Oregon, Tillamook County Records, 1854-1967</i> URL: <a href="https://familysearch.org/search/collection/2115693">https://familysearch.org/search/collection/2115693</a>	Extent:	64,546
<i>Oregon, Wasco County Records, 1854-1960</i> URL: <a href="https://familysearch.org/search/collection/1927592">https://familysearch.org/search/collection/1927592</a>	Extent:	129,959
<i>Oregon, Yamhill County Records, 1857-1963</i> URL: <a href="https://familysearch.org/search/collection/1930095">https://familysearch.org/search/collection/1930095</a>	Extent:	83,300
<b>HATHITRUST</b>		
<i>Digital Public Library of America</i> URL: <a href="http://dp.la/search?partner[]=HathiTrust&amp;q=Oregon&amp;utf8=%E2%9C%93">http://dp.la/search?partner[]=HathiTrust&amp;q=Oregon&amp;utf8=%E2%9C%93</a>	Extent:	3,605
<b>INTERNET ARCHIVE</b>		
<i>Digital Public Library of America</i> URL: <a href="http://dp.la/search?partner[]=Internet+Archive&amp;q=Oregon&amp;utf8=%E2%9C%93">http://dp.la/search?partner[]=Internet+Archive&amp;q=Oregon&amp;utf8=%E2%9C%93</a>	Extent:	230
<b>MOUNTAIN WEST DIGITAL LIBRARY</b>		
<i>Digital Public Library of America</i> URL: <a href="http://dp.la/search?partner[]=Mountain+West+Digital+Library&amp;q=Oregon&amp;utf8=%E2%9C%93">http://dp.la/search?partner[]=Mountain+West+Digital+Library&amp;q=Oregon&amp;utf8=%E2%9C%93</a>	Extent:	1,316
<b>OREGON WOMEN'S HISTORY CONSORTIUM</b>		
<i>Century of Action: Oregon Women Vote, 1912-2012</i> URL: <a href="http://centuryofaction.org/">http://centuryofaction.org/</a>	Extent:	

## OTHER PROJECTS WITH OREGON CONTENT

Not included in the above list are projects that provide content behind a paywall or authentication system. A partial list of such content is included below, though it generally lacks scope and extent information as well as categorization. Some of the content included in Ancestry.com may eventually become available to the public, either by expiration of contractual limitations on access or due to agreements such as the one announced by Ancestry.com and FamilySearch on September 5, 2013.<sup>15</sup>

<sup>15</sup> Ancestry.com. (2013, September 05). *Ancestry.com and FamilySearch to make a billion global records available online*. Retrieved from <http://ir.ancestry.com/releasedetail.cfm?ReleaseID=789127>.

## ANCESTRY.COM

Ancestry.com is a for-profit genealogy company that operates a number of subscription-based websites offering genealogical and historical records. Ancestry.com has at times digitized the original source material from libraries and archives; Ancestry.com partners then typically receive copies of the digital files but are prohibited from making them generally available to the public for some period of time (often three or five years).

Ancestry.com lists 85 collections with Oregon-specific content. Some of these collections consist of a single newspaper, book, or other item. The following institutions have partnered with Ancestry.com for digitization:

### OREGON STATE LIBRARY

<i>Oregon, Biographical Index: Card File, 1900-1986</i>	Extent:	243,885
<i>Oregon Death Index, 1898-2008</i>	Extent:	1,903,430
<i>Oregon, Marriage Indexes, 1906-1924, 1946-2008</i>	Extent:	2,956,060
<i>Oregon, Adoptions and Name Changes, 1876-1918</i>	Extent:	2,425
<i>Oregon, Statesman Index: Books, 1850-1866</i>	Extent:	4,350
<i>Members of the Legislature of Oregon, 1843-1967</i>	Extent:	57
<i>Oregon Territory Census, 1850</i>	Extent:	6,554
<i>Pioneer families of the Oregon Territory, 1850</i>	Extent:	67

### WILLAMETTE VALLEY GENEALOGICAL SOCIETY

<i>Willamette, Oregon, Death Records, 1850-2006</i>	Extent:	91,346
<i>Marion County, Oregon, Census, 1895</i>	Extent:	568

## HISTORIC NEWSPAPERS

Several for-profit companies have digitized historic newspapers, sometimes with the goal of offering access as a subscription service to libraries and other research institutions and sometimes as a consumer-oriented subscription site. Compared to many other states, few Oregon newspapers are available through these sites.

### NEWSBANK

*Oregonian (newspaper) (1860-1989)*

URL: [http://nl.newsbank.com/nl-search/wc/Archives?p\\_product=HA-ORGB  
&p\\_theme=histpaper&p\\_action=keyword](http://nl.newsbank.com/nl-search/wc/Archives?p_product=HA-ORGB&p_theme=histpaper&p_action=keyword)

### NEWSPAPERARCHIVE.COM

*Daily Oregonian (1869 - 1875)*

*Morning Oregonian (1861 - 1890)*

*Portland Oregonian (1850 - 1854)*

*Portland Weekly Oregonian (1854 - 1862)*

### NEWSPAPERS.COM

*Ashland Tidings (1912 - 1912)*

Extent: 3

*Daily Capital Journal (1888 - 1916)*

Extent: 89

*The Daily Morning Astorian (1879 - 1889)*

Extent: 30

*The Daily Oregonian (1869 - 1875)*

Extent: 5

*Enterprise News-Record (1909 - 1910)*

Extent: 11

*The Evening Herald (1908 - 1913)*

Extent: 28

*Lincoln County Leader (1893 - 1921)*

Extent: 1,007

*Morning Oregonian (1861 - 1890)*

Extent: 8,440

<i>The New Northwest (1871 - 1880)</i>	Extent:	10
<i>The Ontario Argus (1909 - 1921)</i>	Extent:	210
<i>Rogue River Courier (1916 - 1918)</i>	Extent:	12
<i>The Sumpter Miner (1902 - 1905)</i>	Extent:	4
<i>The Times-Herald (1910 - 1919)</i>	Extent:	6
<i>Wallowa Chieftain (1902 - 1902)</i>	Extent:	2
<i>Wallowa County Chieftain (1909 - 1909)</i>	Extent:	2
<i>The Weekly Oregonian (1851 - 1862)</i>	Extent:	519

## STRENGTHS AND WEAKNESSES OF IDENTIFIED COLLECTIONS

After more than eleven years of sustained funding and effort in digitization and digital projects, the numbers of digital collections held by libraries, archives, museums, and other cultural heritage institutions in Oregon should not be surprising. However, when looked at as an aggregate, certain strengths and weaknesses of the overall effort are apparent.

### COLLABORATION

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Oregon has a strong tradition of collaboration and partnership among institutions, particularly among institutions of higher education. This is perhaps in part due to the strong consortial role played by the Orbis Cascade Alliance in the Pacific Northwest. As one interviewee stated it, “Oregon does a better job of partnering than any place I’ve ever been.”

Notable examples of these partnerships include the OregonDigital asset management system shared by the University of Oregon and Oregon State University Libraries and the Northwest Digital Archives shared archival union database. NWDA is particularly strong in the area of shared governance and should be considered a model project in this regard.

Overall, collaborative projects in Oregon would benefit from more shared governance, with the goal of empowering all project partners. Best practices for digitization and metadata should be flexible, not only to accommodate different cataloging practices but also to respect the real financial constraints felt particularly by smaller institutions when creating, storing, and providing access to digitized images.

### FORMATS

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In reviewing the various digital projects in Oregon, certain formats of original materials are conspicuous, either in their presence or their absence.

- **Newspapers.** The Oregon Digital Newspaper Project is a very strong collaborative effort and has received significant amounts of funding from both state and national grant funders. Oregon is fortunate in that few institutions are attempting to digitize newspapers outside the ODNP; a truth about newspaper digitization that is not often recognized by individual institutions is that a single homogeneous collection is more useful to researchers than multiple distributed collections, partly because most methods for aggregating distributed collections, such as OAI-PMH, rely on metadata alone rather than full-text.

However, a common concern from institutions around the state is that local papers are not being digitized quickly enough. The expense of digitizing to the standards of the National Digital Newspaper Project is certainly a factor in the rate of digitization, as is the sheer quantity of

newspaper pages available for digitization. In some cases the quality or availability of the original microfilm is also a consideration, and institutions in many states are reporting increased difficulties in obtaining the equipment and supplies needed to continue microfilming of original papers, when those can be located. A possible solution is to fund the purchase of a large-format scanner capable of imaging newspapers directly. Another possible solution is to develop a cost schedule for digitization, both from microfilm and from original newspapers, which would permit local institutions to “buy in” to digitization of local papers by the statewide project over time. This distributed approach to funding has been used in the Colorado Historic Newspapers Collection administered by the Colorado State Library (<http://www.coloradohistoricnewspapers.org>) and, to a lesser extent, in the Texas Digital Newspaper Program administered by the University of North Texas (<https://tdnp.unt.edu/>).

- **Government Publications.** Oregon libraries have collectively digitized significant quantities of government publications. Unlike Oregon’s digital newspapers, these publications are not stored in a single system with full-text search capabilities. Moreover, some of the early government publications digitization efforts are now functionally obsolete due to the limitations of the systems used to provide access to the digital materials. Oregonians would benefit significantly from a remediation effort designed to re-house these digital materials into a single system, including not only collections digitized with LSTA funds but also the collections digitized by the Oregon State Library and other state government agencies. One low-cost approach would be to deposit copies of government publications in the Internet Archive’s Text Archive collection, for items which are either in the public domain or for which copyright permissions would permit this type of distribution. If desired, the Oregon State Library could work with Internet Archive staff to establish an Oregon Government Publications sub-collection, much as IA has done for other partners (see listing at <http://archive.org/details/americana>). The Montana State Library moved digital copies of state publications to the Internet Archive in 2010 and has documented their process, which might be replicable.<sup>16</sup>
- **Books.** Compared to other states, relatively little true book digitization has been done in Oregon outside of government publications. No Oregon institutions were selected as partners in the Google Books Library project, and no Oregon institutions are currently partners in the HathiTrust Digital Library, formed to preserve the books digitized by the Google Books Library project along with additional books subsequently digitized by community members. While it is difficult to be certain, it does not appear that any Oregon libraries have contributed to the Internet Archives’ Text Archives, either.

Some institutions have suggested that access to a dedicated book scanner would improve book digitization efforts in Oregon; however, long-term storage and preservation of the digitized content would remain a concern. Alternatively, Oregon institutions could outsource book digitization to a vendor, such as the Internet Archive. The LYRASIS Digitization Collaborative, discussed in more detail below, offers a possible approach to group contracting.

- **Photos.** Photo digitization projects, and other digitization projects focusing on still images, are well-understood at this point in time. The primary challenge with photo collections at this time is not scarcity but rather abundance. Researchers struggle to make sense of the sheer number of search results and the variety of digital asset management systems in which the digital objects are available. A focus on rich textual description of photographic collections, rather than a more traditionally

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<sup>16</sup> Stockwell, C. (2010, December 30). How Montana State Library uploaded batches of digital objects to the Internet Archive [Blog post]. Retrieved from <http://archive.org/post/340223/how-montana-state-library-uploaded-batches-of-digital-objects-to-the-internet-archive>.

subject-oriented approach to metadata, is one option to reduce this frustration. Museums and archives are increasingly turning to blogs and curated web exhibits rather than relying on photo databases as a primary means of access to photo collections. Several institutions in Oregon are using the Omeka system to build and maintain these types of exhibits, and many smaller institutions currently using variants of the Past Perfect system might be better off switching either to a local installation of Omeka or to a hosted Omeka system through Omeka.net. Development of a statewide hosting platform for cultural heritage collections using a system like Omeka as the basis would be analogous to the Plinkit public library website service administered by the Oregon State Library and might be complementary to that service.

- **Maps.** There is a relative scarcity of map digitization projects in Oregon. This may be partially due to a lack of large-format scanning facilities at institutions in the state. Nationally, many institutions have switched to digital camera systems for digitization of delicate large format materials such as maps. These systems often use high-end scanning back systems such as ones available from Betterlight, PhaseOne, and Mamiya, in order to obtain the necessary resolution. This type of digitization requires dedicated photo studio and trained staff. The development of at least one such facility in the state would be a useful addition to the existing infrastructure; alternatively, this type of digitization could be outsourced to one or more specialty vendors.

One high-reward map collection for potential digitization is the Sanborn collection of fire insurance maps. Many states offer online access to the Sanborn maps through a subscription to the ProQuest Digital Sanborn® Maps (1867-1970) collection. However, in at least three states, Pennsylvania (<http://www.libraries.psu.edu/psul/digital/sanborn.html>), Kansas (<http://cds.lib.ku.edu/sanborn-maps/>) and Texas (<http://www.lib.utexas.edu/maps/sanborn/texas.html>), institutions have digitized the original maps held by archives in the state for public access. Because the original maps are in color, they are in many ways superior to the ProQuest offering, which was digitized from bi-tonal microfilm. However, the maps are large and fragile and require specialized equipment for digitization. There are also copyright considerations with maps published after 1923.

- **Oral histories (audio).** There are few projects in Oregon that have focused on digitization of oral histories and other audio materials. In part, this may be due to the fact that best practices for audio digitization have been slow to develop. However, the fragile nature of cassette and reel-to-reel audio tape makes digitization of these original materials a high priority from a preservation standpoint.
- **Video.** As with audio, video from the last quarter of the twentieth century is generally considered to be at-risk. However, the age of the material is a disadvantage when it comes to copyright clearance, and the amount of storage required for digitized video is problematic for most institutions. Options for providing access to video include the Internet Archive's Moving Image Archive and consumer services such as YouTube. One model for a statewide service to digitize film and video is the Texas Archive of the Moving Image (<http://www.texasarchive.org>), a non-profit organization that has received funding through the Office of the Governor's Texas Film Commission and which provides film digitization and video hosting services not only for cultural heritage institutions but also for community users through the Texas Film Round-Up program ([http://www.texasarchive.org/library/index.php/Texas\\_Film\\_Round-Up](http://www.texasarchive.org/library/index.php/Texas_Film_Round-Up)).

## TOPICS, REGIONS, AND ERAS

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In order to assess the strengths and weaknesses of existing collections on a topical basis, it was first necessary to identify a core set of topics related to Oregon history and culture. Lists of topics provided by the *Oregon Encyclopedia* project and the *Envisioning Oregon* report were most useful in determining topical areas.

## Topics

In the case of the *Oregon Encyclopedia*, the list includes both categories and themes (as taken from their advanced search options) but not sub-themes.

### OREGON ENCYCLOPEDIA: CATEGORIES

- Biography
- Biota
- Event
- Group
- Institution
- Miscellany
- Place

### OREGON ENCYCLOPEDIA: THEMES

- Agriculture
- Architecture & Historic Preservation
- Arts
- Business & Industry
- Education
- Environment & Natural Resources
- Geography & Places
- Government, Law, & Politics
- History & Archaeology
- Institutions
- Literature
- Oregoniana
- Race & Ethnicity
- Religion
- Science, Medicine, & Technology
- Sports & Recreation
- Transportation & Communications
- Women

### ENVISIONING OREGON: FRAMEWORK FOR TOPICAL ANALYSIS OF COMMUNITY HISTORY SOURCES

1. Art & Architecture
2. Agriculture
3. Business, Industry & Manufacturing
4. Communications
5. Education
6. Labor
7. Medical & Health Care
8. Military
9. Natural Resources & Environmental Affairs
10. Politics, Government & Law
11. Populations
12. Religion
13. Recreation & Leisure
14. Science & Technology
15. Settlement
16. Social Organization & Activity
17. Transportation

The two lists have a high degree of correspondence. Initial review of the 300 or more digital collections identified in this environmental scan has suggested that there has been a good balance of topics overall in the materials digitized. Categories for “Military” and “Government, Law, and Politics” are well-represented. An additional category for “Newspapers, Yearbooks, & Publications” should be added to represent those types of materials, often found in an institutional context. “Religion” is somewhat under-represented, but this may reflect the nature of the institutions that

responded to the survey or were identified for review rather than accurately indicating a lack of those materials.

### Regions

Because region plays an important role in determining overall coverage of the state, collections can also be assigned to particular regions. The 2010 *Connecting to Collections Needs Assessment* prepared by Oregon Heritage Commission staff, offers one possible set of topical regions. Their map corresponds to some degree with the regions identified by the *Oregon Encyclopedia* project as advanced search options.



Figure 1. Oregon Regions<sup>17</sup>

#### OREGON ENCYCLOPEDIA: REGIONS

- Central
- Coast
- Columbia River
- North Central
- Northeast
- Northwest
- Oregon Country
- Oregon Trail
- Portland Metropolitan
- Southeast
- Southwest
- Willamette Basin

Determining the topical region of a collection is complicated by the fact that institutions often hold collections unrelated to their physical location. This is particularly true for institutions in the Portland area and for collections at Oregon State University and the University of Oregon. However, it appears that there is an under-representation of materials from the Coastal region, from Central Oregon, and from Eastern Oregon. Two regions should be added: “North America” and “World,” reflecting the international nature of some collections.

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<sup>17</sup> From Metz, R. 2011. *Oregon Connecting to Collections project needs assessment report: What archival, library, and museum personnel need to preserve Oregon's heritage collections*. Oregon Museums Association. Retrieved from [http://www.oregon.gov/oprd/HCD/OHC/docs/c2c\\_final.pdf](http://www.oregon.gov/oprd/HCD/OHC/docs/c2c_final.pdf)

OREGON ENCYCLOPEDIA: ERAS

- Pre-contact
- 1792-1845
- 1846-1880
- 1881-1920
- 1921-1949
- 1950-1980
- 1981-present

As in all U.S. states, institutions have tended to focus on digitization of materials in the public domain, which results in a slight over-representation of federal government publications and an enormous under-representation of materials published after 1923.<sup>18</sup> Several institutions have stated that they would benefit from additional opportunities to learn about copyright restrictions and permissions, and approaches such as that promoted by the ARL *Code of Best Practices in Fair Use for Academic and Research Libraries*<sup>19</sup> might result in a more balanced approach to digitization. Other useful resources include the Society of American Archivists' *Orphan Works: Statement of Best Practices*<sup>20</sup> and *Copyright and Cultural Institutions: Guidelines for U.S. Libraries, Archives, and Museums* by Peter Hirtle, Emily Hudson, and Andrew Kenyon.<sup>21</sup>

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## MODELS FOR STATEWIDE AND MULTISTATE COLLABORATION

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As Oregon begins to consider a plan for digital collections in the state, it is worth considering various models for supporting additional collaborative activities. This is particularly true when considering the needs of smaller institutions, many of which have little or no funding for technology and which rely largely on volunteers for historical collections projects. The models below are grouped into two main types: repositories hosted by a single institution and aggregators of materials held in multiple repositories.<sup>22</sup>

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<sup>18</sup> In the case of most unpublished archival materials, the relevant date for entry into public domain is 1893; however, the 1923 date is more commonly cited. See Peter Hirtle's *Copyright Term and the Public Domain in the United States* (2013), available at <http://copyright.cornell.edu/resources/publicdomain.cfm>, for complete details.

<sup>19</sup> Association of Research Libraries. 2012. *Code of Best Practices in Fair Use for Academic and Research Libraries*. Retrieved from <http://www.arl.org/focus-areas/copyright-ip/fair-use/code-of-best-practices>.

<sup>20</sup> Society of American Archivists. 2009. *Orphan Works: Statement of Best Practices* Retrieved from <http://www2.archivists.org/groups/intellectual-property-working-group/orphan-works-statement-of-best-practices>.

<sup>21</sup> Hirtle, P., Hudson, E., & Kenyon, A. (2009). *Copyright and cultural institutions: Guidelines for U.S. libraries, archives, and museums*. Ithaca, NY: Cornell University Library. Retrieved from <http://ecommons.cornell.edu/handle/1813/14142>.

<sup>22</sup> Additional examples of statewide or regional projects can be found at the Library of Congress *State Digital Resources: Memory Projects, Online Encyclopedias, Historical & Cultural Materials Collections* web page, available at <http://www.loc.gov/rr/program/bib/statememory/>. The projects currently listed for Oregon are the *Oregon Blue Book* (<http://bluebook.state.or.us/misc/about/about.htm>), the *Oregon Encyclopedia* (<http://www.oregonencyclopedia.org/>), and the *Oregon History Project* (<http://ohs.org/education/oregonhistory/index.cfm>). The page appears to have been last updated April 18, 2013; corrections can be sent to Christine A. Pruzin, Digital Reference Specialist at the Library of Congress, using the contact form at <http://www.loc.gov/rr/askalib/ask-digital.html>.

## REPOSITORIES HOSTED BY A SINGLE INSTITUTION

### WASHINGTON RURAL HERITAGE

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Administered by:	Washington State Library
Primary Contact:	Evan Robb, Project Manager, Washington State Library
Funding Sources:	LSTA
Primary URL:	<a href="http://www.washingtonruralheritage.org/cdm/">http://www.washingtonruralheritage.org/cdm/</a>
Documentation URL:	<a href="http://wikihost.statelib.lib.wa.us/wrh/MainPage.ashx">http://wikihost.statelib.lib.wa.us/wrh/MainPage.ashx</a> (currently requires a login and password, but WA State Library staff plan to move most documentation to an open website in the coming year)
Rights URL:	<a href="http://www.washingtonruralheritage.org/cdm/rights">http://www.washingtonruralheritage.org/cdm/rights</a>
Self-description:	“Washington Rural Heritage gathers historic primary sources documenting the early culture, industry, and community life of Washington State. The collection is an ongoing project of small, rural libraries and partnering cultural institutions, guided by an initiative of the Washington State Library (Office of the Secretary of State), and funded under the provisions of the Library and Services Technology Act (LSTA) from the federal Institute of Museum and Library Services (IMLS). The initiative provides the infrastructure and training to both digitize and serve unique collections to a widespread audience.”
System:	CONTENTdm
Extent:	14,953 items in 29 collections
Partners:	See <a href="http://www.washingtonruralheritage.org/cdm/aboutwrh">http://www.washingtonruralheritage.org/cdm/aboutwrh</a>
Governance:	Washington Rural Heritage governance consists of an advisory committee which reports to the Library Council of Washington.
Comments:	<p>According to the website, “As of 2013, the Washington Rural Heritage digital repository includes material from the holdings of more than 80 institutions and 200 privately held collections throughout the state. Local project management is coordinated by 30 public libraries administering annual sub-grants from the Washington State Library, or sustaining existing digital collections using local resources and/or other funding.”</p> <p>Technical standards and guidelines for digitization are maintained on a project wiki; guest access is available for outside reviewers upon request.<sup>23</sup> Wiki topics include “Project Management,” “Selecting Materials for Digitization,” “Copyright Research and Documentation,” “Scanning and Other Digitization Topics,” “Image Optimization and File Editing,” “Cataloging/Metadata Creation and CONTENTdm,” and “Promoting Your Collections.” The wiki also includes access to a series of short video tutorials demonstrating basic scanning, editing, and asset management techniques, plus access to .</p> <p>Digitization is performed at the local level, often with the assistance of WA State Library staff, who also perform quality control on all digitized materials before they are loaded into CONTENTdm. The project uses a local implementation of the CDP Dublin Core Metadata Best Practices Version 2.1 (available on wiki). Individual institutions retain any intellectual property interest in their materials but must grant to the Washington State Library a release to allow perpetual access to low-resolution digital images online and preservation copies of high-resolution</p>

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<sup>23</sup> The *Washington Rural Heritage Metadata Guidelines* are attached as Appendix 4, with permission from the Washington State Library.

digital images in a so-called “dark archive.”

The 2008-2012 LSTA evaluation for the Washington State Library indicates that \$896,384 in LSTA funding was dedicated to the Washington Rural Heritage Project over that five-year period. This amount includes staff at the Washington State Library in addition to licensing costs for the CONTENTdm application and grants to participating institutions. \$50,000 per year is currently allocated in grant funding to support new participants; each grant is limited to \$10,000 maximum. Only small and rural public libraries (defined as serving a population of less than 25,000) are eligible for grant funding, although the Washington State Archives and some academic institutions have also contributed materials in support of eligible projects

## ILLINOIS DIGITAL ARCHIVES

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Administered by:	Illinois State Library
Primary Contact:	Sandra Fritz, Digital Imaging Program Coordinator
Funding Sources:	LSTA
Primary URL:	<a href="http://www.idaillinois.org/cdm/">http://www.idaillinois.org/cdm/</a>
Documentation URL:	None Identified
Rights URL:	<a href="http://www.idaillinois.org/cdm/">http://www.idaillinois.org/cdm/</a> (see “Copyright information”)
Self-description:	“The Illinois Digital Archives (IDA) was created in 2000, as a repository for the digital collections of the Illinois State Library as well as other libraries and cultural institutions in the State of Illinois.”
System:	CONTENTdm
Extent:	230,989 items in 149 collections
Partners:	Not listed on site
Governance:	Illinois State Library
Comments:	<p>The Illinois Digital Archives is notable largely because it incorporates materials from DigitalPast, a local history digitization initiative undertaken by libraries, historical societies, museums, and other cultural venues throughout Illinois in partnership with the North Suburban Library System (NSLS) in Wheeling, Illinois. Due to cuts in state services in 2010, NSLS closed, and there was some uncertainty about the future of the collections in Digital Past. The Illinois State Library was able to work with OCLC to move materials from Digital Past into an alternate CONTENTdm system. While this type of situation cannot be entirely avoided, it speaks to a fundamental need for partnership agreements that include provisions for succession in the event that a site cannot be sustained.</p>

According to the Illinois State Library’s FY2013-FY2017 “Long Range Plan for the Use of LSTA Grant Funds in Illinois,” “In 2011, there were 17,738,640 hits to the IDA web site, averaging over 51,000 hits every day. On average, 15,066 visitors use the resources of IDA and download about 50GB of data every month.”

## METASEARCH ENGINES AND OTHER AGGREGATIONS

### DIGITAL PUBLIC LIBRARY OF AMERICA

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Administered by:	Digital Public Library of America, Inc.
Primary Contact:	Emily Gore, Director for Content

Funding Sources: IMLS, NEH, Knight Foundation  
 Primary URL: <http://dp.la>  
 Documentation URL: <http://dp.la/info/about/policies/>  
 Rights URL: <http://dp.la/info/terms/>  
 Self-description: “The Digital Public Library of America (DPLA) brings together the riches of America’s libraries, archives, and museums, and makes them freely available to the world. It strives to contain the full breadth of human expression, from the written word, to works of art and culture, to records of America’s heritage, to the efforts and data of science. The DPLA aims to expand this crucial realm of openly available materials, and make those riches more easily discovered and more widely usable and used.”

System: Custom metadata harvesters and aggregator  
 Extent: 4,585,301 items; a search on “Oregon” returned 12,160 results  
 Partners: <http://dp.la/info/about/who/partners/>  
 No Oregon partners

Governance: “The inaugural DPLA Board of Directors was established in September 2012 to support the DPLA’s goal of creating and maintaining a free, open, and sustainable national digital library resource. The current DPLA Board is composed of public and research librarians, technologists, intellectual property scholars, media studies scholars, and business experts from around the country.”

Comments: The Digital Public Library of America is a relatively new organization dedicated to improving access to digital collections held by America’s cultural heritage organizations. They use a custom system for aggregation and display of metadata from various Content and Service Hubs. Content Hubs are institutions that have over 250,000 unique digital items in their collection with metadata that can be harvested and normalized according to the DPLA Metadata Application Profile (MAP). Service Hubs offer hosting and other services, including digitization, to smaller institutions.

DPLA is a non-profit corporation governed by a volunteer Board of Directors. A major focus of the effort is outreach and use of digital resources. Hubs agree not only to contribute metadata about digital objects but also to participate in development of exhibits and to perform other types of outreach to make DPLA collections more accessible. After harvesting metadata, DPLA normalizes it and makes it available both by means of an API for developers and by permitting search engines to index the metadata. Most of the major search engines now include DPLA records, which ultimately resolve to local digital objects.

## MOUNTAIN WEST DIGITAL LIBRARY

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Administered by: Utah Academic Library Consortium  
 Primary Contact: Sandra McIntyre, Program Director  
 Funding Sources: Utah Academic Library Consortium, Univ. of Utah, LSTA, IMLS, private foundations  
 Primary URL: <http://mwdl.org/>  
 Documentation URL: <http://mwdl.org/about.php> (see “Policies and Guidelines”)  
 Rights URL: “Rights” metadata included in collection items  
 Self-description: “The Mountain West Digital Library is a portal to digital resources from universities, colleges, public libraries, museums, archives, and historical societies in Utah, [Arizona], Nevada, Idaho, and Hawaii.”  
 System: Ex Libris Primo

Extent: Approximately 773,849 items in all collections (source: DPLA); 1,576 results for “Oregon”

Partners: <http://mwdl.org/aboutPartners.php>  
No Oregon partners

Governance: [http://mwdl.org/docs/MWDL\\_Partnership\\_Agreement\\_ver12\\_2008-03-14.pdf](http://mwdl.org/docs/MWDL_Partnership_Agreement_ver12_2008-03-14.pdf)

Comments: The Mountain West Digital Library (MWDL) is a large distributed aggregation of resources. Originally development using CONTENTdm software, the system was switched to Ex Libris Primo in order to permit development of a larger aggregation of resources. MWDL serves as a regional hub for the Digital Public Library of America project.

MWDL relies on a three-tiered infrastructure. Collections Partners hold original historic materials suitable for digitization; they may digitize and host their own content and contribute it directly by means of an OAI-PMH compliant system, in which case they are considered to be a Contributing Site. Regional Hosting Hubs host collections from Collections Partners that are not capable of hosting their own content. Full-service Hosting Hubs provide hosting services and also provide digitization services to Collections Partners on a contract basis at standard MWDL prices. MWDL staff based at the J. Willard Marriott Library at the University of Utah then manage the central aggregating server, which harvests collections from the Contributing Sites and Hubs. A full description of these tiers and the responsibilities inherent at each level is described in the MRDL Partnership Agreement, available at [http://mwdl.org/docs/MWDL\\_Partnership\\_Agreement\\_ver12\\_2008-03-14.pdf](http://mwdl.org/docs/MWDL_Partnership_Agreement_ver12_2008-03-14.pdf). Additional policies as well as technical specifications for metadata and digitization are available on the MWDL web site.

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#### NORTH CAROLINA ECHO: EXPLORING CULTURAL HERITAGE ONLINE

Administered by: NC LIVE

Primary Contact: Nitin Arora, Digital Projects Librarian, NC LIVE

Funding Sources: Unknown

Primary URL: <http://www.ncecho.org/>

Documentation URL: <http://www.digitalnc.org/about/nc-digitization-guidelines>

Rights URL: None identified

Self-description: “NC ECHO enables users to search across thousands of digitized and born-digital historic materials including a wide variety of books, photographs, maps, family histories, state documents, newspapers, and much more from cultural heritage institutions around North Carolina. The collections available through NC ECHO include a diverse array of materials by and about the people, places, and history of North Carolina. All of the collections available through the NC ECHO Search are freely available online to all users, regardless of their location or affiliation. The NC ECHO Search was developed by staff members at NC LIVE, the North Carolina Digital Heritage Center, and the State Library of North Carolina. It is hosted and maintained by NC LIVE.”

System: Custom (see <http://www.nclive.org/about/projects/north-carolina-heritage-index-project-poc> for system requirements)

Extent: 86,000+ items (metasearch)

Partners: East Carolina University  
Johnson C. Smith University  
New Hanover County Public Library

North Carolina Digital Collections, Department of Cultural Resources  
North Carolina Digital Heritage Center  
University of North Carolina at Chapel Hill  
The University of North Carolina at Greensboro  
Wake Forest University  
Western Carolina University

Governance: Digital Services Advisory Committee of NC LIVE  
(<http://www.nclive.org/about/committees>)

Comments: From 1999-2012, the State Library of North Carolina administered the NC ECHO program. In its early stages, NC ECHO identified and developed a directory of cultural heritage institutions in the state. By 2005, NC ECHO also served as the State Library of North Carolina's cultural digitization hub, providing guidance on metadata and digitization to cultural heritage institutions in the state. By 2012, cuts in state library funding forced the discontinuation of the NC ECHO program. However, NC LIVE, a consortium of public and academic libraries, was developing a project to index metadata from cultural heritage institutions across the state. NC LIVE, the North Carolina Digital Heritage Center, and the State Library of North Carolina ultimately agreed to keep the NC ECHO brand for the metasearch service. The original NC ECHO institutional directory is now maintained by the North Carolina Office of Archives and History; and the NC ECHO metadata guidelines are being updated by the North Carolina Digital Heritage Center. The State Library of North Carolina continues to provide digitization grants with LSTA funding and to maintain the Digital Preservation Best Practices and Guidelines developed jointly by the State Library of North Carolina's Digital Information Management Program (DIMP) and the State Archives of North Carolina.

## DIGITALMETRO

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Administered by: Metropolitan New York Library Council  
Primary Contact: Anne Karle-Zenith, METRO Digital Services Manager  
Funding Sources: METRO, Robert W. Wilson Charitable Trust  
Primary URL: <http://nycdigital.org/>  
Documentation URL: <http://nycdigital.org/about>  
Rights URL: <http://nycdigital.org/about> (see "Directory Ownership and Accuracy of Information")  
Self-description: "A directory of digital collections created and maintained by members of the Metropolitan New York Library Council"  
System: Omeka  
Extent: 159 collections  
Partners: <http://metro.org/corporatememberships/applications/search/>  
Governance: Digital Services Advisory Council, Metropolitan New York Library Council  
(<http://metro.org/digital-services-advisory-council/>)

Comments: digitalMETRO is not, strictly speaking, a metasearch tool. It is a directory of digital collections maintained by METRO member institutions. It provides visibility to these collections; it also offers some exhibits and related resources, particularly resources from digitization projects funded by METRO's grant programs.

## OTHER MODELS FOR COLLABORATION

Of the various models for collaboration in cultural heritage institutions, particularly libraries, one of the more robust models is consortial purchasing, which allows multiple institutions to take advantage of a single contract negotiated by a consortial manager. Inspired by the Google Books Library Project, several consortia attempted to negotiate contracts for mass digitization of printed materials. Currently, only one consortium is known to offer this service.

### LYRASIS DIGITIZATION COLLABORATIVE

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Administered by:	LYRASIS
Primary Contact:	Laurie Gemmill Arp, Digitization Collaborative Program Manager
Funding Sources:	Memberships and fee-for-service
Program URL:	<a href="http://www.lyrasis.org/LYRASIS%20Digital/Pages/Content%20Creation%20and%20Management/Digitization-Collaborative.aspx">http://www.lyrasis.org/LYRASIS%20Digital/Pages/Content%20Creation%20and%20Management/Digitization-Collaborative.aspx</a>
Access URL:	<a href="http://archive.org/details/lyrasis">http://archive.org/details/lyrasis</a>
Documentation URL:	See Appendix 3 for current specifications.
Self-description:	“LYRASIS staff facilitate and provide guidance with all parts of the digitization process, including: selection, packaging, digitization, transportation options, and guidelines for additional/continued use of digital files”
System:	Internet Archive
Partners:	<a href="http://www.lyrasis.org/LYRASIS%20Digital/Pages/Content%20Creation%20and%20Management/Digitization%20Collaborative/Participants.aspx">http://www.lyrasis.org/LYRASIS%20Digital/Pages/Content%20Creation%20and%20Management/Digitization%20Collaborative/Participants.aspx</a>
Governance:	LYRASIS
Comments:	The LYRASIS Digitization Collaborative started with a grant from the Alfred P. Sloan Foundation as a means of increasing the number of libraries participating in the Internet Archive’s book digitization project. LYRASIS has since added other vendors, including Creekside Digital, Digital Conversion Solutions, and George Blood Audio and Video. LYRASIS negotiates pricing and coordinates service delivery. Texts are digitized by the Internet Archive, which then hosts the digitized materials; participants are given a copy of the master file to place in local systems, if desired. For audio and video, participants have the option of depositing copies in the Internet Archive. LYRASIS continues to seek grant funding to offset the cost of digitization as much as possible.

While the Oregon State Library is currently an institutional member of LYRASIS and able to extend discounts on library supplies to libraries statewide through that membership, the current funding model for the LYRASIS Digitization Collaborative would require individual institutions to join the Collaborative in order to receive benefits.

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## CONCLUSION

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Compared to some other states, Oregon has an abundance of digital projects in libraries, archives, museums, and historical societies. Some of the digital projects are thriving, adding new collections and partners on a regular basis, while others are stagnant, due perhaps to staff turnover or the need to update projects according to current best practices for digitization and metadata.

What Oregon lacks are two components of a healthy digital library infrastructure: first, a full-service statewide digitization center that is staffed and equipped to handle digitization projects and hosting of digital collections on behalf of smaller institutions and, second, formal common standards for digitization and metadata. The first of these items could be expensive, perhaps prohibitively so, without a sustainable source of funding. The second item can be addressed with minimum fiscal impact but may imply retrospective cataloging and perhaps digitization of some existing collections. A plan for the future of Oregon's digital collections must address these issues and should also address issues related to long-term digital preservation and governance of the digital materials created with public funds.

Part II of this report will provide detailed recommendations for improved outcomes-based assessment of LSTA and other grants involving digitization. It will also review the results of the Oregon Digital Collections Survey, focusing on perceived barriers to digitization, and will provide recommendations for statewide collaborative digital program development in the areas of governance and funding, technological infrastructure (digitization, access, and preservation), training, and promotion of content. While it is unlikely that all of the recommendations will be adopted, they provide the building blocks for a vibrant and sustainable statewide digital collections program.