Working Together: Cloudsource+ and Article Galaxy Scholar

New Paradigm Models
Analytic Methods & New Budgetary Possibilities

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MSU libraries are strategizing utilizing Open Access high quality academic e-resources and technology:

**CloudSource+ with Article Galaxy Scholar**

to leverage current holdings towards:

**Large Budget Savings, New Open Access Possibilities & New Methodologies**

for analyzing and purchasing Digital e-resources
E-Resources Paradigm Shift in Light of Diminishing Budgets and Rise of Open Access Resources/Open Educational Resources


Serial Expenditures (+402%)

+600% (2020)
+521% (2015)

Continuing Challenges for Academic Libraries

Monograph Expenditures (+71%)

Monographs Purchased (10%)
Cloud Source Plus Aggregates Open Access Scholarly Books and Journals

There are over 60 million open access (OA) refereed scholarly journal articles and academic scholarly books now available on the open web.

Freely available open access material accounts for more than half of all released scholarly academic journal articles every year globally.

This trend has been accelerating and is expected to continue.

Cloud Source+ Aggregates this open access material.

MSU libraries are leveraging these trends with CloudSource+ and Article Galaxy Scholar towards our budget and new open access possibilities.
Cost / Benefit Strategy

CloudSource+
Aggregates Open Access Content from High Quality Publishers

Millions of open access articles from thousands of peer-reviewed, quality journals, scholarly monographs, eBooks (including eTextbooks), and curriculum materials are aggregated from such publishers as:

- Wiley
- Springer Nature
- Sage Publishing
- Public Library of Science
- American Medical Association
- Cambridge University Press
- De Gruyter
- Elsevier
- Informa UK
- Oxford University Press
- MIT Press

Allows purchase of focused Journal/Articles not Available in Present Collections/OA
Presents Current Library Journal Subscriptions

Open Access Savings

60 Million high quality OA scholarly resources

48 Million Open Access Articles (100K Journals)

High Quality Indexes

Support for OER & Open Textbooks

Budgetary Strategy
Article Galaxy Scholar

• Provides Document Delivery/On-demand Articles

• Replaces Dropped and/or Needed Journal subscriptions

• Fills a gap for focused resources for research

• Allows further access to 30,000 journals from leading European and North American publishers
Article Galaxy Scholar

Article & Journal Backup Source
Budget Efficient & Focused

Article Galaxy checks all sources for your article before delivery...
Article Galaxy Scholar
Targeted and Focused Purchasing

• Allows researchers to request unavailable journals with much more focused & access granted to various university communities.
  Separate Permissions For:
  − Individual faculty
  − Groups of students in a particular course
  − Entire departments/Schools

• Processes are mediated by the library
MSU Open Access Research Collections Budgetary Strategy

Making Better Data-informed E-Resources Budgetary Decision making and Materials Budget Digital Resource Allocation
E-Resources Materials Review Strategy

Cost /Benefit Analytic Approach
Three-Pronged Synthetic Evaluation Strategy

• Qualitative Analysis +
• Quantitative Analysis +
• Overlap Analysis =

Goals:
• Better Budgetary Data-Informed Decision-Making
• Improved and Better Resource Allocation
Email Subject: The library is currently engaged in a comprehensive evaluation of our electronic resource subscriptions. To make data-informed decisions regarding subscription renewals.

We are seeking input from our teaching and research faculty on quantitative and qualitative aspects of our e-resource usage.

In this regard, we would be grateful if you could provide feedback on your use of the following Database . . . We have enclosed forms that seek your input on these databases. . .
E-Resources Evaluation Form

This is a form to evaluate Mississippi State University Libraries' current academic e-resource subscriptions. Please use this form to provide feedback on the renewal of the database *America: History and Life with Full Text*. The data and comments gathered from this form will inform future purchasing and weeding decisions for the Library's current collections and future resource wish list.

Your Current Position:

- Librarian
- Faculty
- Staff
- Other

How important is this resource for your teaching, research, and department/discipline?

- 5 – Priority – Essential
- 4 – Priority
- 3 – I would like to have, but not essential
- 2 – No Preference
- 1 – Do not purchase

Please feel free to provide comments below towards or against purchase of this resource. Comments will be used in further evaluation decisions.
Qualitative Comments

Comments from faculty:

“I use this database very regularly. While it includes some of the same journals as other databases, it is easier to search. It also contains journals not contained in other databases.”

“I have not yet used this resource but in general I support renewing our current subscriptions and, where possible, extending the number of databases to which we subscribe.”

“This database provides access to essential journals in my field, often more rapidly than JSTOR. I’m not sure we need it and historical abstracts, but both are useful. This is a resource I direct students to use when obtaining required course readings.” “This is absolutely critical for undergraduate teaching and research.”

“I have not used this resource in a while; therefore, I will not strongly recommend retention unless this is a resource that my colleagues and their students use. I support access to historical journals in my field, including War in History, which I co-edit. If this journal is only accessible through America: History and Life with Full Text, then I would argue for retention.”

Stakeholders:

Department Heads
Library Representatives
Faculty
Graduate Students
Quantitative Analysis

Quantitative evaluation metrics:

- Downloads
- Searches
- Unique Site visits
- Unique site visitors
- Cost/Use
Overlap Analysis
Open Access
Collection Analysis Report
CloudSource+ (SirsiDynix)
MSU Current Database Holdings vs. Cloudsource+ Open Access Possibilities

Select MSU Full Text Databases and Journal Subscriptions

Overlap Analysis Shows that our paid subscriptions ranged from 19-79% overlap open access content

Select MSU Abstracts, Indexes and Bibliographies

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### Overlap Analysis

#### Journals included in subscriptions providing Full Text content.

<table>
<thead>
<tr>
<th>Database</th>
<th>Journals Indexed</th>
<th>OA %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medline (2022)</td>
<td>4,964</td>
<td>54%</td>
</tr>
<tr>
<td>Philosophers's Index</td>
<td>223</td>
<td>53%</td>
</tr>
<tr>
<td>SPORTDiscus with Full Text</td>
<td>278</td>
<td>53%</td>
</tr>
<tr>
<td>Econlit</td>
<td>1,302</td>
<td>52%</td>
</tr>
<tr>
<td>PsychINFO</td>
<td>2,247</td>
<td>52%</td>
</tr>
<tr>
<td>GeoREF</td>
<td>1,269</td>
<td>51%</td>
</tr>
<tr>
<td>SocINDEX with Full Text</td>
<td>819</td>
<td>43%</td>
</tr>
<tr>
<td>Communication &amp; Mass Media Complete</td>
<td>213</td>
<td>42%</td>
</tr>
<tr>
<td>Art &amp; Architecture Complete</td>
<td>141</td>
<td>33%</td>
</tr>
<tr>
<td>PsycARTICLES</td>
<td>106</td>
<td>28%</td>
</tr>
</tbody>
</table>

#### Journals included in subscriptions providing Abstract / Index records only.

(Identified OA content is available in CloudSource in Full Text)

<table>
<thead>
<tr>
<th>Database</th>
<th>Journals Indexed</th>
<th>OA %</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIA International Bibliography</td>
<td>6,195</td>
<td>18%</td>
</tr>
<tr>
<td>Public Affairs Index</td>
<td>1,758</td>
<td>36%</td>
</tr>
<tr>
<td>Historical Abstracts</td>
<td>1,317</td>
<td>33%</td>
</tr>
<tr>
<td>America: History &amp; Life</td>
<td>937</td>
<td>29%</td>
</tr>
<tr>
<td>Music Index</td>
<td>178</td>
<td>29%</td>
</tr>
</tbody>
</table>
### Cloudsource+ Overlap Analysis and Metrics

<table>
<thead>
<tr>
<th>Database</th>
<th>CloudSource+ Open Access Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Search Complete</td>
<td>69%</td>
</tr>
<tr>
<td>CAB Abstracts 1990-present</td>
<td>75%</td>
</tr>
<tr>
<td>Communication &amp; Mass Media Complete</td>
<td>42%</td>
</tr>
<tr>
<td>EconLit</td>
<td>52%</td>
</tr>
<tr>
<td>EconLit with Full Text</td>
<td>51%</td>
</tr>
<tr>
<td>GeoRef</td>
<td>51%</td>
</tr>
<tr>
<td>Historical Abstracts</td>
<td>33%</td>
</tr>
<tr>
<td>Historical Abstracts with Full Text</td>
<td>41%</td>
</tr>
<tr>
<td>Library and Information Science Source</td>
<td>72%</td>
</tr>
<tr>
<td>Linguistics &amp; Language Behavior Abstracts (ProQuest)</td>
<td>66%</td>
</tr>
<tr>
<td>MedLine</td>
<td>54%</td>
</tr>
<tr>
<td>MLA International Bibliography</td>
<td>48%</td>
</tr>
<tr>
<td>Music Index</td>
<td>29%</td>
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<tr>
<td>Philosopher’s Index</td>
<td>53%</td>
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<tr>
<td>Public Affairs Index</td>
<td>36%</td>
</tr>
<tr>
<td>SocIndex with Full Text</td>
<td>43%</td>
</tr>
<tr>
<td>SportDiscus with Full Text</td>
<td>53%</td>
</tr>
<tr>
<td>Wildlife and Ecology Studies Worldwide</td>
<td>51%</td>
</tr>
<tr>
<td><strong>Average % of coverage</strong></td>
<td><strong>48.04%</strong></td>
</tr>
</tbody>
</table>

Select MSU Databases Reviewed between February – May 2023

Wide Range of Database Overlap for Full Text journal open access article Coverage aggregated in CloudSource+

Mediated coverage available through Article Galaxy Scholar
Final Synthetic Analysis
Conversations and Discussions

Quantitative Analysis

Overlap Analysis

Intersectional Space

Decision Making
Data Informed
Data Driven

Qualitative Analysis
<table>
<thead>
<tr>
<th>Analytic Measures</th>
<th>E-Resources Database 1</th>
<th>E-Resources Database 2</th>
<th>E-Resources Database 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualitative Analysis</td>
<td>N (Not Needed)</td>
<td>Y (Needed)</td>
<td>S (Split/Mixed)</td>
</tr>
<tr>
<td>Quantitative Analysis (Usage)</td>
<td>L (Low Usage)</td>
<td>H (High Usage)</td>
<td>S (Split/Mixed)</td>
</tr>
<tr>
<td>Open Access Overlap Analysis</td>
<td>H (Overlap &gt;60%)</td>
<td>L (Overlap &lt;40%)</td>
<td>Mixed (40-60%)</td>
</tr>
<tr>
<td>Cost</td>
<td>High</td>
<td>Low</td>
<td>Medium</td>
</tr>
<tr>
<td>Recommendation Decision</td>
<td>Drop</td>
<td>Keep</td>
<td>Further Discussions Needed</td>
</tr>
</tbody>
</table>
MSU E-Resources Budget Strategy Project
Preliminary Findings

Better
E-Resources Budget Decisions &
E-Resources Digital Resource Allocation

Can Be Achieved through:

Synthetic Methodologies
Cost/Benefit Analysis
Data-Informed Decision-Making
Affordances of New Technology
Summary Conclusions
E-Resources Budget Evaluation

- Significant Cost savings for library budgets can be achieved through new possibilities of leveraging open access and document delivery while maintaining access to scholarly journals and resources.

- Savings from CloudSource+ Open Access Resources can fund more intentionally aligned possibilities through Article Galaxy Scholar.

- Project Continuing 2023-2025 Fiscal Years.
Thank you!

Questions?

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Quantitative, Qualitative Data collection and overlap analysis as metrics to aid in better data-informed Budgetary decision making
Cost-Benefit Analysis

[kós(t)-ˈbe-nə-,fit ə-ˈna-la-səs]

A systematic process of evaluating the desirability of a decision by weighing its potential benefits and costs.
MSU E-Resources Budget Strategy Project
Summary Conclusions

Making Better
E-Resources Budget Decisions &
E-Resources Digital Resource Allocation

Can Be Achieved through:

Synthetic Methodology
Cost/Benefit Analysis
Data-Informed Decision-Making
Affordances of New Technology

Cost-Benefit Analysis
[kós(t)-be-nə-fit a-'na-lə-səs]
A systematic process of evaluating the desirability of a decision by weighing its potential benefits and costs.

Data-Informed Decision-Making
The library is in the process of negotiating open access to various journals, and this information will be useful for these types of negotiations. Have you or MSU published in journals included in this resource, or do you plan to submit or publish here in the future?

- Yes
- No
- Comments

How many times have you used or referenced this resource in the past year for research or classes?

- 0
- 1-5 times
- 5-10 times
- More than 10 times
- Comments

Would you like to be contacted further with regards to evaluation of this resource? If you would like to be contacted, please provide your name, email address, and phone number below.

Name: ____________________________
Email: ____________________________
Phone: ____________________________