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Delivering the Goods: Implementing Web Scale

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Delivering the Goods

Implementing Web Scale

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http://library.unf.edu
NISO Virtual Conference November 20, 2013

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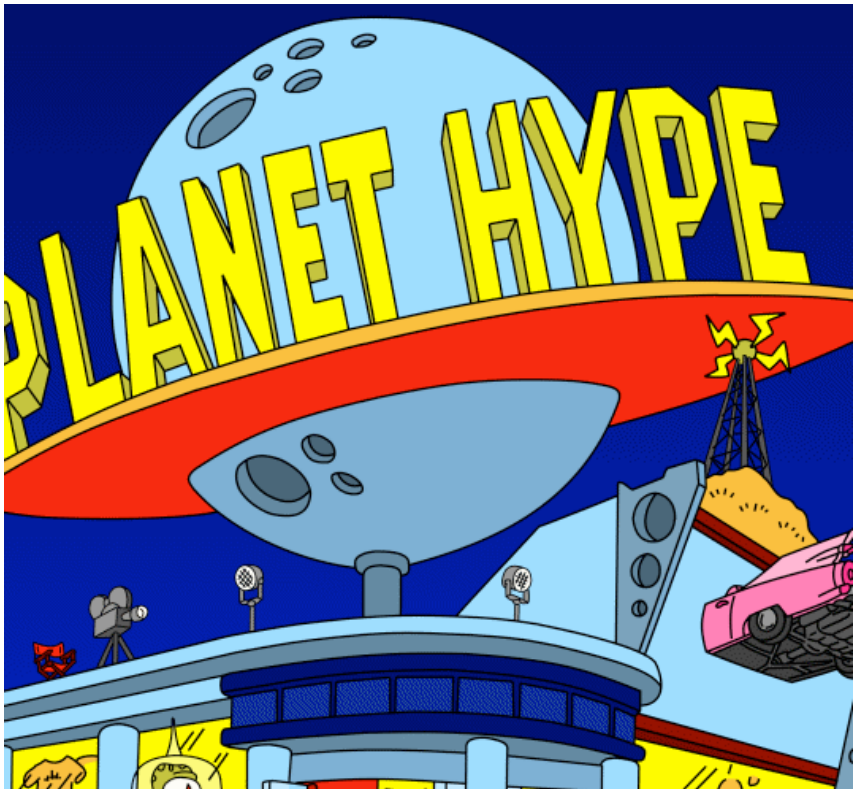
Promises



- Google-like searching
- ~98.5% coverage of library content
- One click access to full text content
  - Everything is better with <insert product here>!!!

3 Keys to a Successful Implementation

1. Support from management
2. Clearly defined goals
3. Diverse implementation team

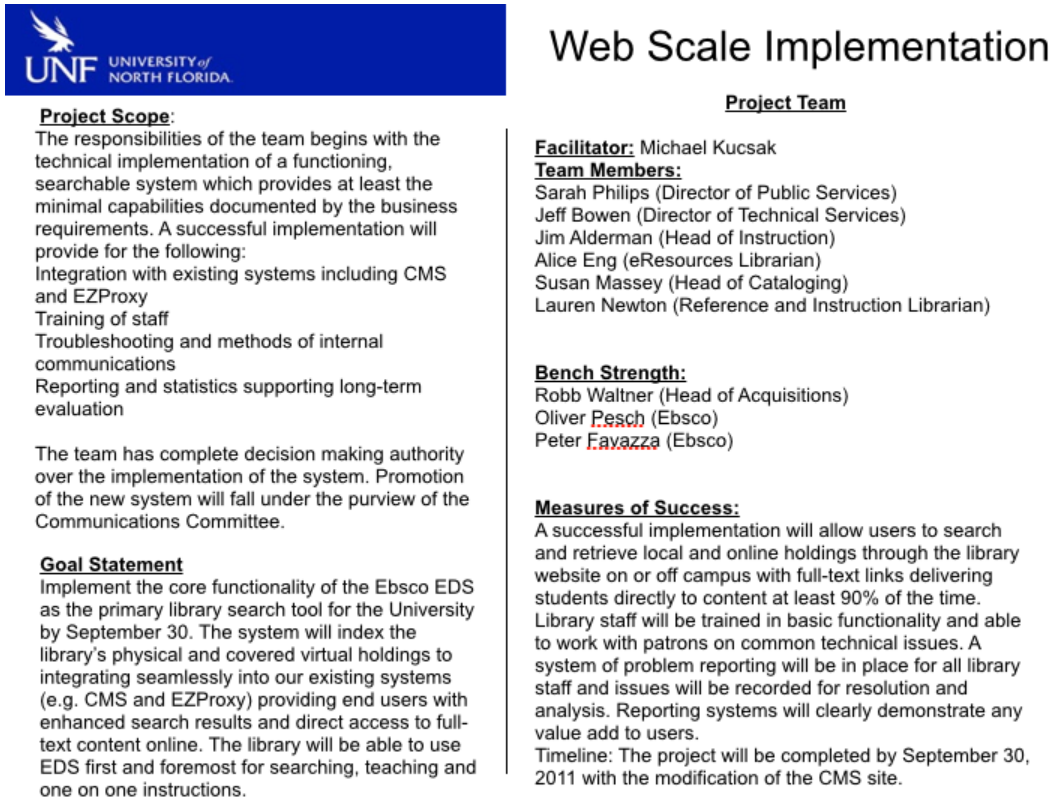
Support from Management

"We will be using the EDS first and foremost when we search; we will be teaching it first in classes; we will be using it first in one on one instructions; and we will be promoting it at the new service desk. And, we will keep very good statistics on all facets of the pilot."

An email to all library faculty
from the Associate Dean of the Library

Clearly Defined Goals

1. Primary search tool by September 30, 2011
2. Include all physical and covered eResources
3. Seamless integration with our web site and EZProxy
4. Successful link to full text ≥90%
5. Staff trained
6. Problem reporting process



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Web Scale Implementation

Project Scope:
The responsibilities of the team begins with the technical implementation of a functioning, searchable system which provides at least the minimal capabilities documented by the business requirements. A successful implementation will provide for the following:
Integration with existing systems including CMS and EZProxy
Training of staff
Troubleshooting and methods of internal communications
Reporting and statistics supporting long-term evaluation

The team has complete decision making authority over the implementation of the system. Promotion of the new system will fall under the purview of the Communications Committee.

Goal Statement
Implement the core functionality of the Ebsco EDS as the primary library search tool for the University by September 30. The system will index the library's physical and covered virtual holdings to integrating seamlessly into our existing systems (e.g. CMS and EZProxy) providing end users with enhanced search results and direct access to full-text content online. The library will be able to use EDS first and foremost for searching, teaching and one on one instructions.

Project Team

Facilitator: Michael Kucsak
Team Members:
Sarah Philips (Director of Public Services)
Jeff Bowen (Director of Technical Services)
Jim Alderman (Head of Instruction)
Alice Eng (eResources Librarian)
Susan Massey (Head of Cataloging)
Lauren Newton (Reference and Instruction Librarian)

Bench Strength:
Robb Waltner (Head of Acquisitions)
Oliver Pesch (Ebsco)
Peter Favazza (Ebsco)

Measures of Success:
A successful implementation will allow users to search and retrieve local and online holdings through the library website on or off campus with full-text links delivering students directly to content at least 90% of the time. Library staff will be trained in basic functionality and able to work with patrons on common technical issues. A system of problem reporting will be in place for all library staff and issues will be recorded for resolution and analysis. Reporting systems will clearly demonstrate any value add to users.
Timeline: The project will be completed by September 30, 2011 with the modification of the CMS site.

Diverse Implementation Team

- Acquisitions
-
- Cataloging
-
- Instruction
-
- Reference
-
- Library Systems
-
- Information Technology
-
- Florida Center for Library Automation
-
- EBSCO Support
-
-

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Changes to Make it Work

- Dropped Serials Solutions 360 for EBSCO's LinkSource and A-Z
  - Reduce finger pointing
- Dropped ProQuest for EBSCO Databases
  - Increase reliability of full-text links

Initial Challenges

6. Assessing incentive policies for integrating centralized **solar power** generation in the Brazilian electric **power** system.

Academic Journal

By: Malagueta, Diego; Szklo, Alexandre; Borba, Bruno Soares Moreira Cesar; Soria, Rafael; Aragão, Raymundo; Schaeffer, Roberto; Dutra, Ricardo. *Energy Policy.* Aug2013, Vol. 59, p198-212. 15p. DOI: 10.1016/j.enpol.2013.03.029. , Database: Business Source Complete

Abstract: This study assesses the impacts of promoting, through auctions, centralized **solar power** generation (concentrated **solar power** – CSP, and photovoltaic **solar** panels – PV) on the Brazilian ...

Subjects: SOLAR power plants; ENERGY policy; ELECTRIC **power** production; INVESTMENTS; MATHEMATICAL optimization; BRAZIL; Fossil Fuel Electric **Power** Generation; Regulation and Administration of Communications, Electric, Gas, and Other Utilities; Investment Advice; Miscellaneous Financial Investment Activities; **Solar** Electric **Power** Generation; **Power** and Communication Line and Related Structures Construction; PHOTOVOLTAIC **power** generation

Assessing incentive policies for integrating centralized **solar power** generation in the Brazilian electric **power** system.

Authors: Malagueta, Diego[1] *diegomalagueta@yahoo.com.br*
Szklo, Alexandre[1]
Borba, Bruno Soares Moreira Cesar[2]
Soria, Rafael[1]
Aragão, Raymundo[1]
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Dutra, Ricardo[1]

Source: Energy Policy. Aug2013, Vol. 59, p198-212. 15p.

Document Type: Article

Subject Terms: *SOLAR **power** plants
*ENERGY policy
*ELECTRIC **power** production
*INVESTMENTS
*MATHEMATICAL optimization
PHOTOVOLTAIC **power** generation

Geographic Terms: BRAZIL

NAICS/Industry Codes: 221112 Fossil Fuel Electric **Power** Generation
926130 Regulation and Administration of Communications, Electric, Gas, and Other Utilities
523930 Investment Advice
523999 Miscellaneous Financial Investment Activities
221114 **Solar** Electric **Power** Generation
237130 **Power** and Communication Line and Related Structures Construction

Abstract: Abstract: This study assesses the impacts of promoting, through auctions, centralized **solar power** generation (concentrated **solar power** – CSP, and photovoltaic **solar** panels – PV) on the Brazilian **power** system. Four types of CSP plants with parabolic troughs were simulated at two sites, Bom Jesus da Lapa and Campo Grande, and PV plants were simulated at two other sites, Recife and Rio de Janeiro. The main parameters obtained for each plant were expanded to other suitable sites in the country (totaling 17.2GW in 2040), as inputs in an optimization model for

Initial Challenges

81. Performance of Remote **Solar** Thermal **Power** Plants.

Conference

By: Claflin, J; Leonard, R; Rogers, D; Urrutia, F. *In: Engineering Our Future: Are We up to the Challenge?: 27 - 30 September 2009, Burswood Entertainment Complex. Barton, ACT: Engineers Australia, 2009: [1460]-[1476].* , Database: Informit Engineering Collection

Solar power options have been developed to produce electricity for remote communities and mineral processing plants throughout Australia for an ongoing cost of just cents per kWh. Major advantage...

Subjects: Solar power plants; Electric **power** production -- Costs; **Solar** thermal energy; Electric **power** distribution -- Australia

Not Available--Check for Other Options

Initial Challenges

Simple Design Philosophy

Connect our patrons to the knowledge they seek with as little effort on their part as possible

Solutions: Always Provide a link

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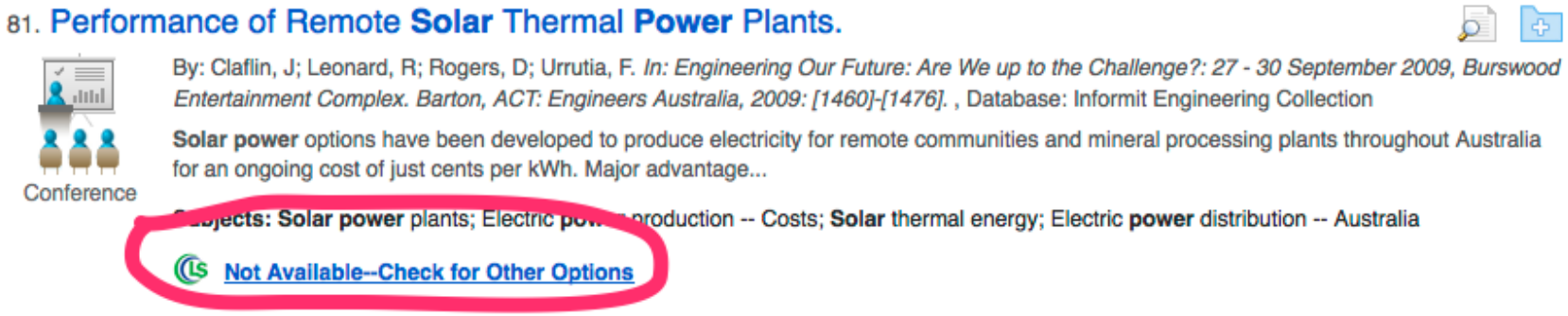
Full Text through LinkSource

Solutions: Always provide an option



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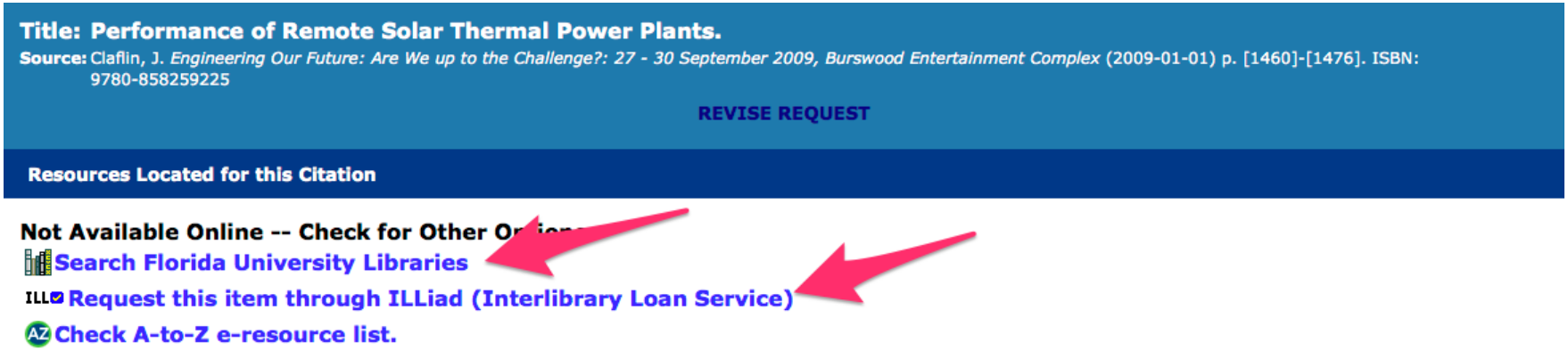

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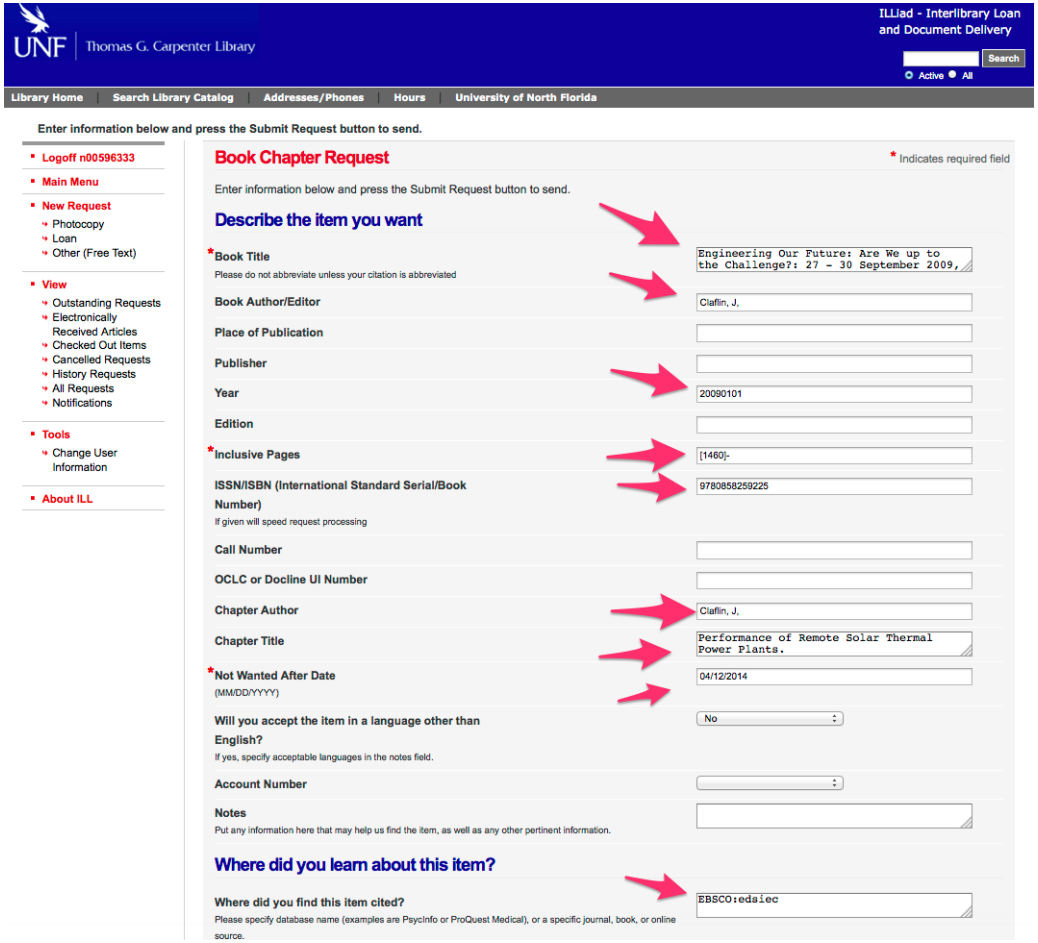

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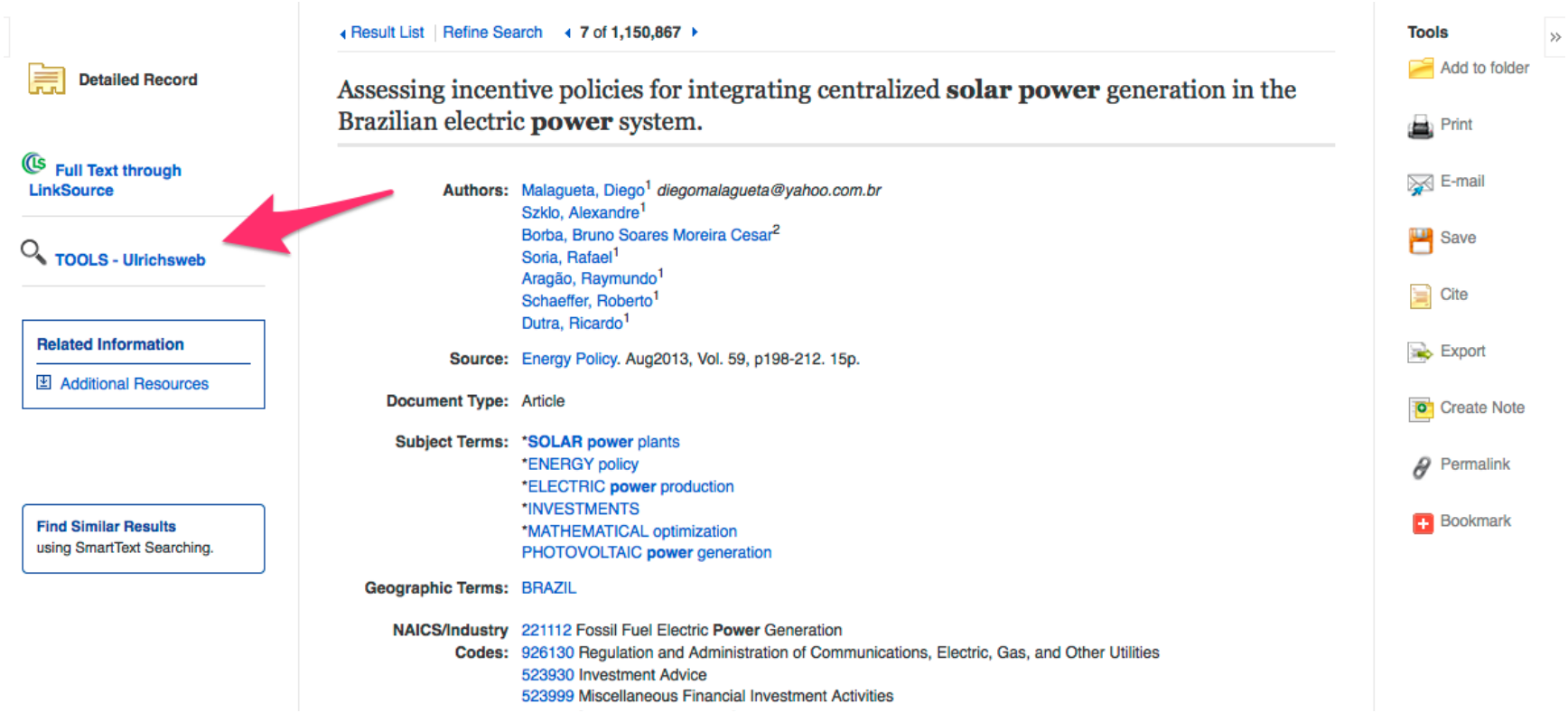
Solution: Integrate core tools



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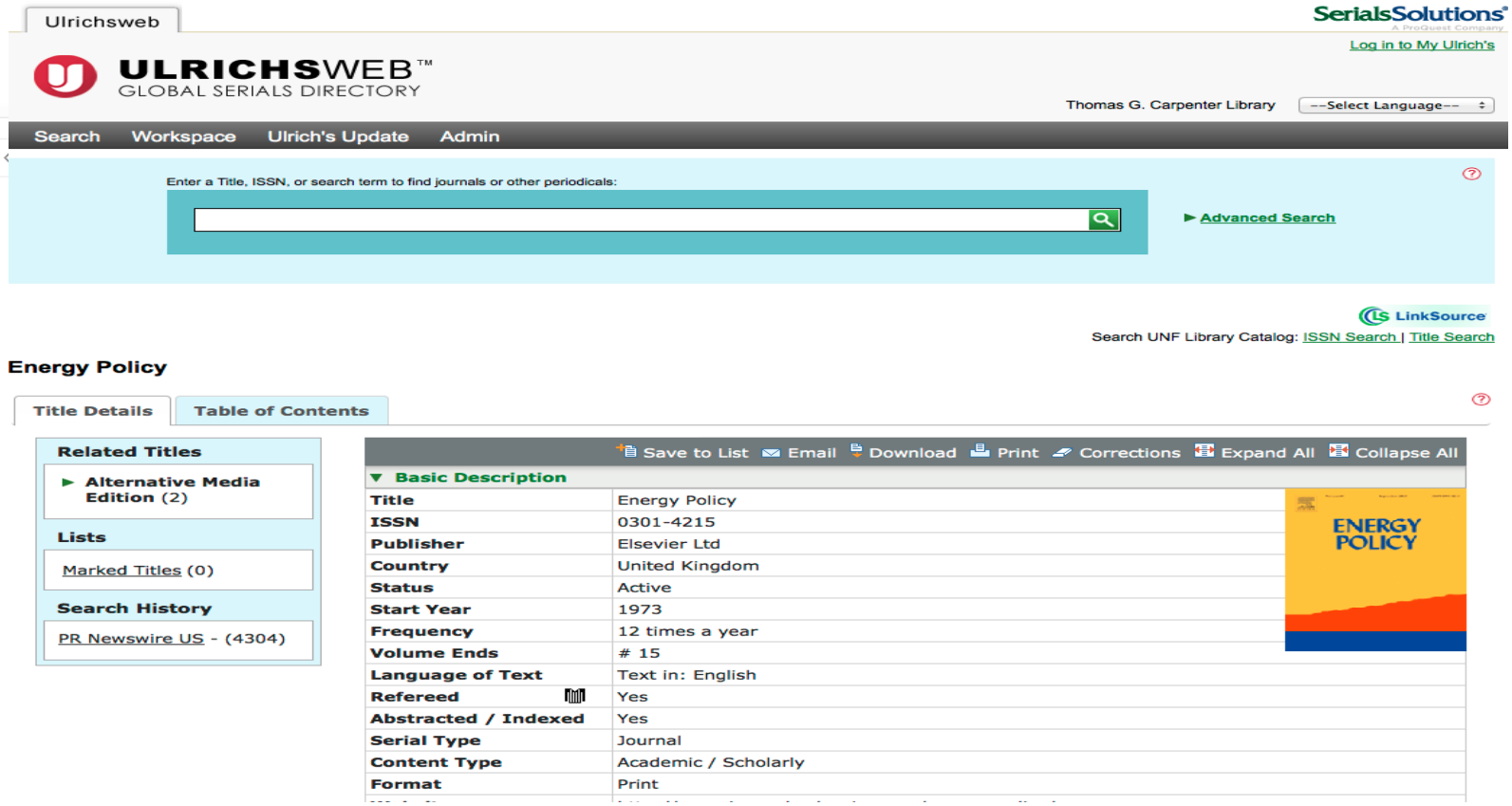
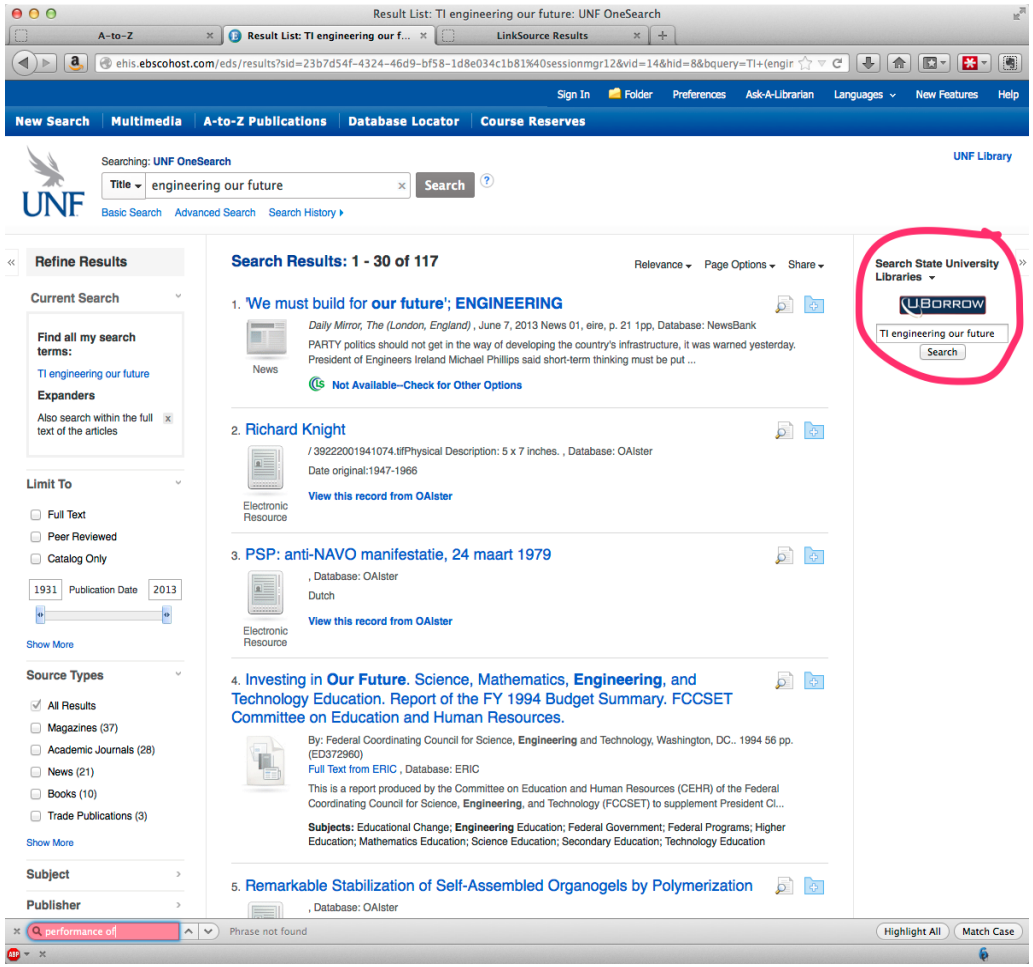


Web Scale vs ILS

1. Eliminate MARC serial data loads
2. ILS access through a widget in the EDS results page (auto-populated)



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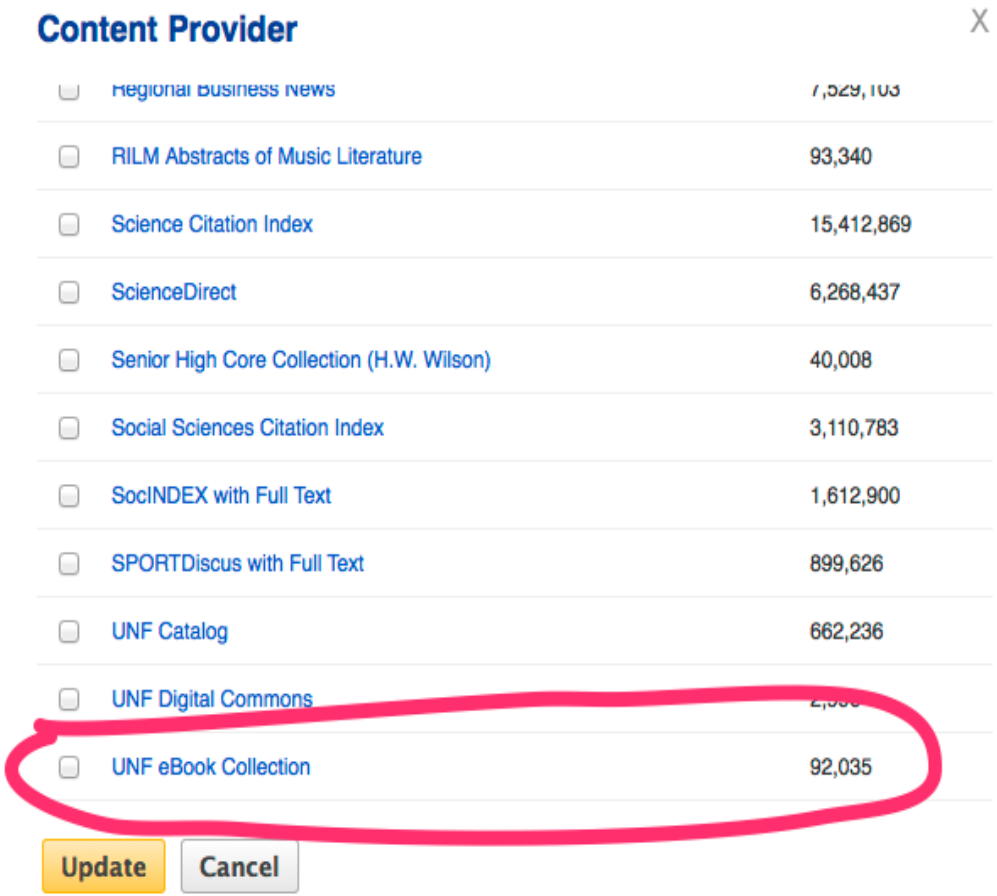

Web Scale vs ILS

1. Eliminate MARC serial data loads
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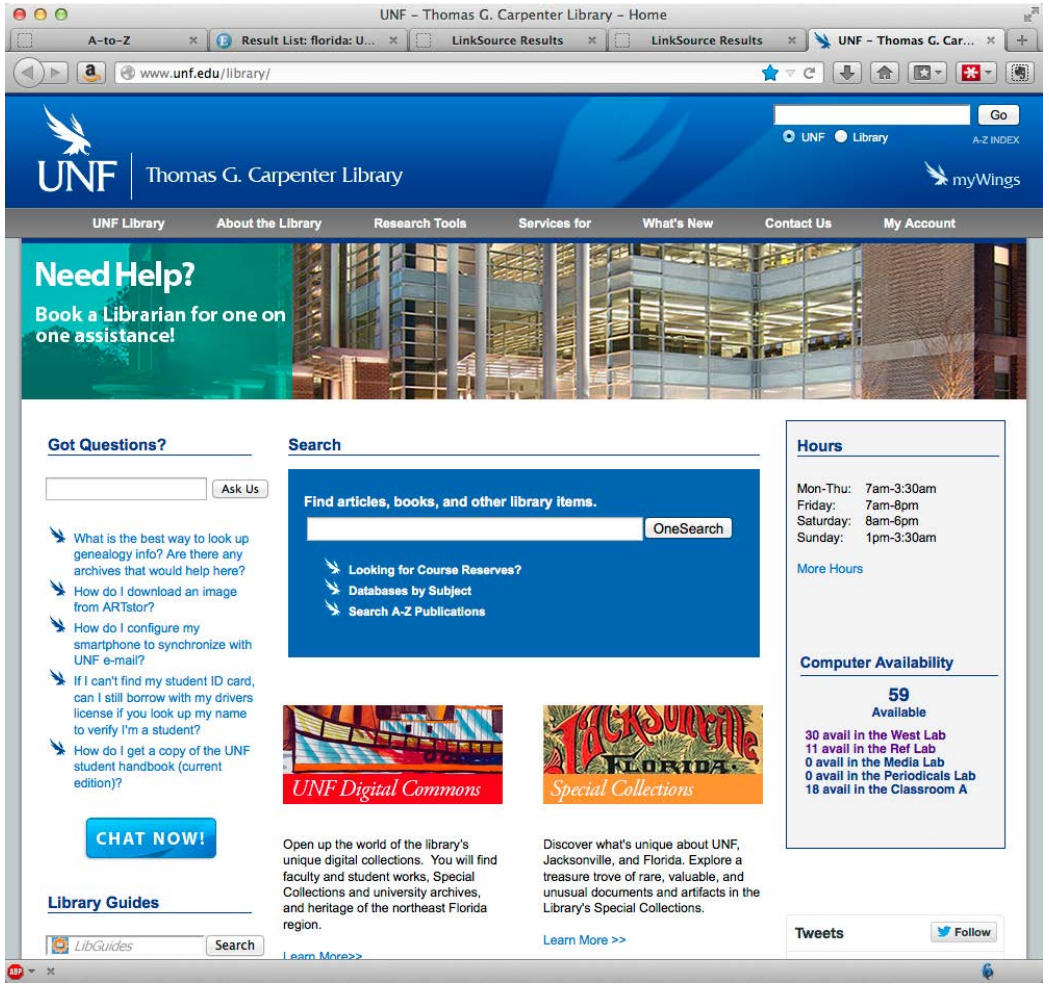
3. Direct upload of e-content into EDS NOT ILS
4. **EDS as primary search tool on library home page**



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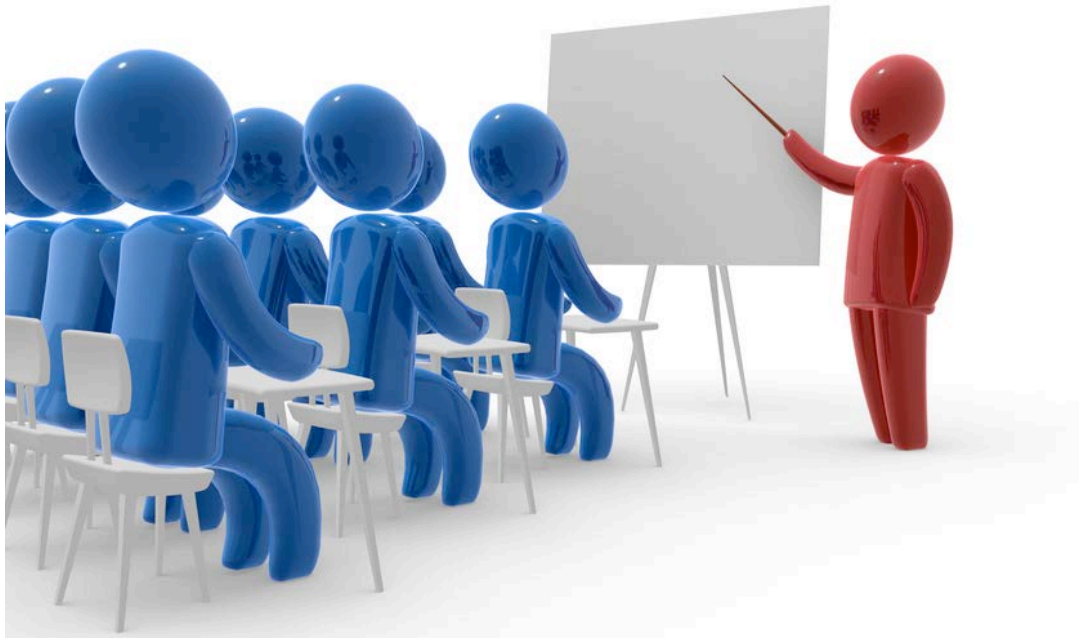
Testing

1. Inspected thousands of search results
2. Analyzed individual content provider reliability
3. Examined link resolver performance
4. Confirmed remote access performance

Achieved 90% reliability!

Training

1. EBSCO provided onsite training
2. Library Systems/Instruction trained staff about the mechanics
3. Library Instruction trained librarians, students and faculty on how to use the tool



Marketing

One Place.
One Click.
One *Search*.

One|Search

Search

www.unf.edu/OneSearch

Find UNF Library resources from a single search box.

One Place.
One Click.
One *Search*.

One|Search

Search

OneSearch allows you to find most of the UNF Library resources from a single search box. The search combines the library's catalog and many databases into one database so your search is faster, and more thorough.

This includes:

- Books
- eBooks
- Peer-Reviewed Articles
- Newspaper Articles
- And much more!

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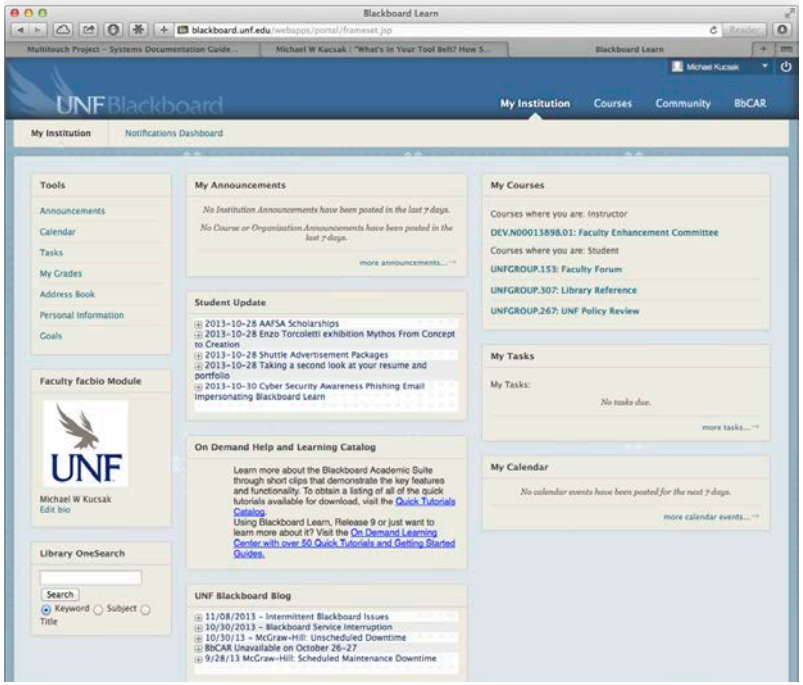
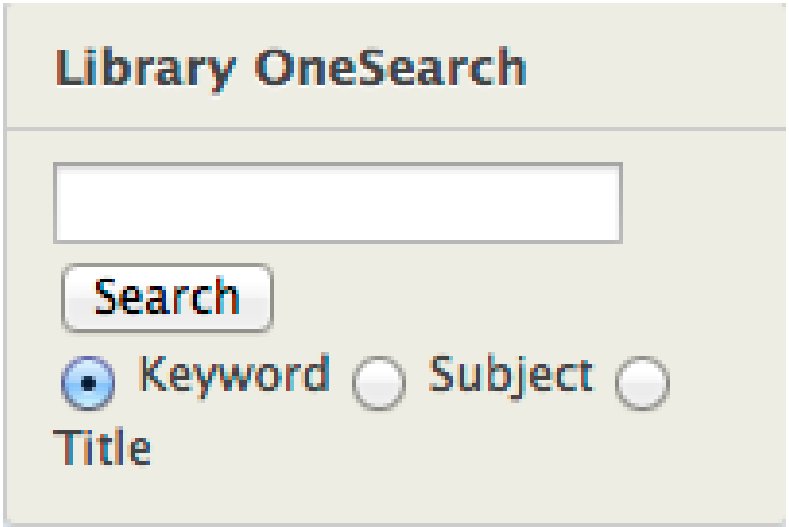
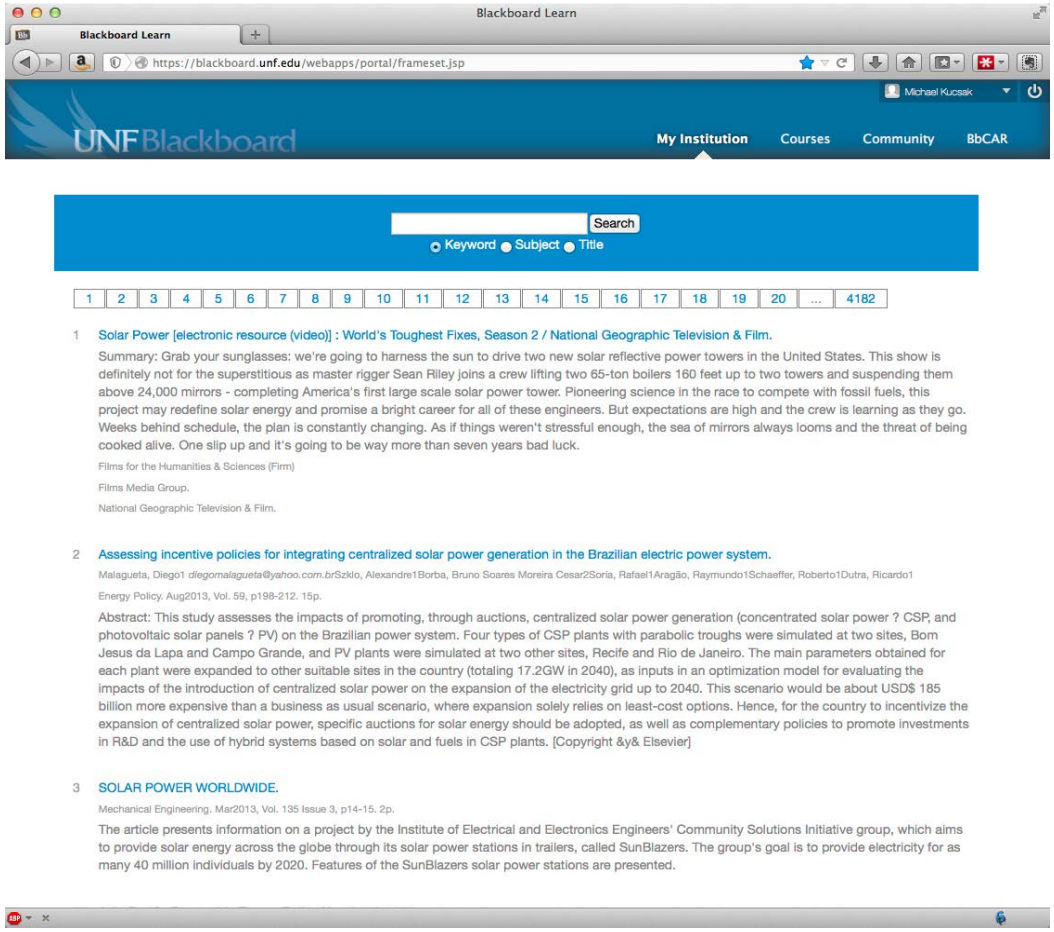
Blackboard Integration

Blackboard Home Screen





Blackboard Integration



Multi-Touch Surface

Summary

- Links to full text
- Auto-populate ILLiad
- Ulrichs integration
- Union catalog widget
- Guest default/JIT EZProxy
- Available in the Library by default
- Commitment to EDS
- EBSCO link resolver/A-Z
- EBSCO content
- EBSCO marketing
- Eliminated MARC loads
- Pushed reliable vendors to the top
- Made vendors work for their $$$

Fruits of our Labor

- 107% increase full text downloads
- >40% reduction in ILL
- Collaborated with CS student senior projects
- Opportunities to build partnerships
- EBSCO Success story
- Jacksonville BizJournal Tech Innovation Award

Thank you

Questions?

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