

Creating a Subject Portal for Sustainable Business

A Collaborative Project Between the Valley
Library and Oregon State University's
College of Business

Collaboration

CWIS (see-wis)

Customization

Community

Collaboration



College of Business



meets



Valley Library



Sustainable Indust

Home

SEARCH



IN THIS ISSUE:

February 2006

Planes, trains and automobiles - by Michael Burnham and Celeste LeCompte

Concerns over sky-high fuel prices and stiff emissions regulations are spurring manufacturers to build cleaner, more efficient transportation modes for people and goods. From hydrogen fuel cell-powered cars to hybrid gas-electric locomotives, *SIJ* examines energy innovations with potential staying power.

[READ MORE](#)

Rail Power's 'Green Goat' employs a hybrid engine.

Sustainable Advantage conference

April 19-21, 2006

Location: Lillis Business Complex, University of Oregon Campus
Want Pragmatic Practices that Lead to Profits? [Click here to learn more.](#)

Wall-to-wall willpower - by Michael Burnham

Interface Inc. Chairman Ray Anderson has undertaken an aggressive strategy to eliminate waste, reduce petroleum use, sensitize stockholders and challenge other industries to follow suit. [Read More](#)

Design tackles hard problems in the Big Easy - by Joseph Warren

In the aftermath of Hurricane Katrina, planners spy an opportunity for green buildings and pedestrian-friendly neighborhoods. [Read More](#)

BREAKING NEWS:

2/6: Corporate Knights magazine lists the world's top 100 most sustainable companies. [Read More](#)

2/1: President Bush vows to replace 75 percent of the nation's oil imports from the Middle East. [Read More](#)

Is Sustainability



Good Business?

Resources

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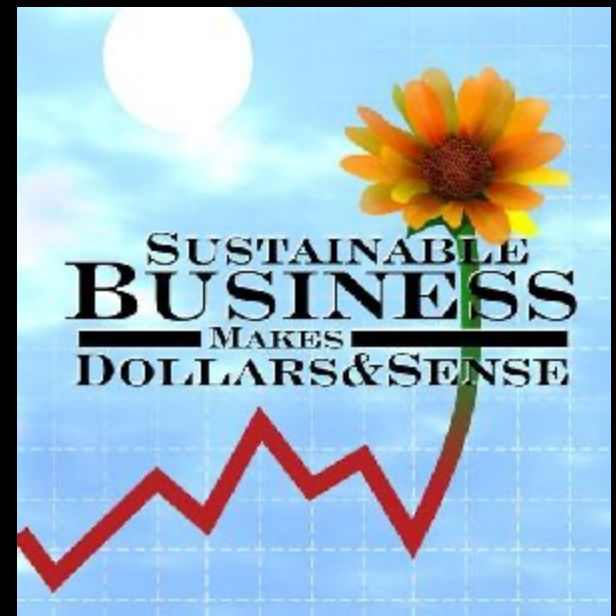
NEXT MONTH:

FOCUS ON: Green Real Estate

INSTANT POLL

Trivia Question!

How many pounds of CO2 is the average American responsible for emitting in...





OREGON'S RECIPE FOR SUCCESS

- Productive land base
- Sustainable water supply
- World-class research and technologies
- Cutting-edge certification programs
- Diverse farm-to-market transportation system
- Value-added strategies
- Diversity of markets
- Public/private partnerships
- Strong community support for agriculture



OREGON
ECONOMIC & COMMUNITY
DEVELOPMENT DEPARTMENT

503-986-0123
www.sustainableoregon.net
www.econ.state.or.us



Oregon Natural Step Network

The path toward sustainable business for Oregon's leading companies

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[Business Resources](#)

[Membership](#)

[Events](#)

[News](#)

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Learn about the Natural Step Framework

Scientific principles that lead to a sustainable society

Step one Join the network!

Free email newsletter

Become a member

green
green

sustain*

Searching for
sustainability

benefits of collaboration

Subject portal options

CWIS (see-wis)



PROJECTS

CWIS
NSDL Scout Reports
Scout Portal Toolkit
OSMASE
OAI-SQ

Project Sites:

AMSER
Access NSDL
LearningLanguages.net

Past Projects
Feedback

Log In:

Password:



[Forget your password?](#)

[Create a Log In](#)

Overview

 [Printable Page](#)

[Internet Scout Project](#) > [Projects](#) > [CWIS](#)

[Overview](#) [Demo](#) [Screenshots](#) [Downloads](#) [Support](#) [FAQ](#) [Sites](#) [Wiki](#)

Overview

Features

CWIS (pronounced *see-wis*) is software to assemble, organize, and share collections of data about resources, like [Yahoo!](#) or [Google Directory](#) but conforming to international and academic standards for metadata. CWIS was specifically created to help build collections of Science, Technology, Engineering, and Math (STEM) resources and connect them into NSF's [National Science Digital Library](#), but can be (and is being) used for a wide variety of other purposes.

Some of the features of CWIS include:

- resource annotations and ratings (a la [Amazon](#))
- keyword searching (with phrase and exclusion support a la [Google](#))
- fielded searching
- recommender system (a la [Amazon](#))
- OAI 2.0 export (with *oai_dc* and *nsdl_dc* schemas)
- RSS feed support
- integrated metadata editing tool
- user-definable schema (comes with full qualified [Dublin Core](#))
- prepackaged taxonomies (includes [GEM Subject](#) taxonomy)
- user interface themes
- turnkey installation

CWIS also has functionality (PHP) separated from appearance (HTML), making it relatively easy to customize for your own site.



Welcome

Welcome to your new online resource portal! You may want to add some welcome text here.

News

News and announcements can also go in this area.

Log In:

User name:

Password:

Create a Login

Forget your password?

New Resources



A Databank of Antarctic Surface Temperature and Pressure Data

Full Record

Antarctic monthly mean sea surface temperature and pressure data are accessible online from the Carbon Dioxide Information Analysis Center (CDIAC) of Oak Ridge, TN. Compiled by the Climatic Research U...
<http://cdiac.esd.ornl.gov/epubs/ndp/ndp032/ndp032.html>



NZFUNGI: New Zealand Fungi



Full Record

Manaaki Whenua Landcare Research -- "New Zealand's foremost environmental research organization" -- presents NZFUNGI, a free database for information on the systematics, conservation, pathology, and e...
<http://nzfungi.landcareresearch.co.nz/html/mycology.asp?ID=0...>



Comparative Assessment of Fuel Cell Cars

Full Record

The Laboratory for Energy and the Environment at the Massachusetts Institute of Technology published this study in February 2003. Drawing comparisons between hydrogen fuel cells and other vehicle powe...
http://fee.mit.edu/publications/PDF/LFEE_2003-001_RP.pdf



FreedomCAR: Office of Transportation Technologies



Full Record

In his State of the Union Address on January 28, 2003, President Bush made a case for further fuel cell development. Current efforts in this area have not determined how to efficiently produce or extr...
http://www.ott.doe.gov/freedom_car.shtml



The Bruns Lab

Full Record

The homepage of the Bruns Lab at the University of California-Berkeley Department of Plant and Microbial Biology provides an excellent collection of online resources for mycologists. Offering much mor...
<http://plantbio.berkeley.edu/~bruns/>

Previous 5 resources

Advanced Search (Need Help?)

Field:	Search Terms:
<input type="text" value="Title"/>	<input type="text"/>
<input type="text" value="Title"/>	<input type="text"/>
<input type="text" value="Description"/>	<input type="text"/>
<input type="text" value="Publisher"/>	<input type="text"/>

Limits (optional):

Resource Types :	Audience:	OPTION TEST:	Minimum Cumulative Rating:
<ul style="list-style-type: none"> Cold Medication Collection Dataset Event Image Interactive Resource 	<ul style="list-style-type: none"> All Ages Elementary freshman undergraduate Graduate High School lower undergraduate 	<ul style="list-style-type: none"> ready terrific this and that 	<ul style="list-style-type: none"> No Limit Not Rated * ** *** ****

Records per page:

Load a search:

[Manage your Searches](#)

You are logged in.
Welcome, yacomink

- [Preferences](#)
- [Metadata Tool](#)
- [Administration](#)
- [Edit User Account](#)
- [Log Out](#)

- [Add New Resource](#)
- [Edit Resources](#)
- [Add New Controlled Names](#)
- [Edit Controlled Names](#)
- [Edit Option Lists](#)
- [Add/Edit Classifications](#)

[Metadata Tool Help](#)



Recommended Resources

The following recommendations are being made based on how you have rated other resources. You can improve recommendations by rating more resources.

Results 1 - 3 of 3



Where to Find Material Safety Data Sheets On the Internet

[Full Record](#)

Material Safety Data Sheets (MSDS) are an invaluable information source for those working with dangerous substances such as chemicals. One problem often encountered, though, is having access to the sh...
<http://www.ilpi.com/msds/index.html>

[Why was this resource recommended?](#)



Fuel Cell Today

[Full Record](#)

Fuel Cells Today is a useful online resource with a very diverse range of materials about fuel cell technology. Possibly the most interesting part of the site is the Reference Centre, where users can ...
<http://www.fuelcelltoday.com/index/>

[Why was this resource recommended?](#)



DoDFuelCell ERDC/CERL Programs

[Full Record](#)

Affiliated with the Department of Defense, this Web site "summarizes the fuel cell programs managed by the US Army Engineer Research and Development Center (ERDC) / Construction Engineering Research L...
<http://www.dodfuelcell.com/>

[Why was this resource recommended?](#)

You are logged in.

Welcome, SuperLibrarian

[Preferences](#)[Log Out](#)



[Forums](#) > [Elevated Discourse](#) > [The State of Modern Journalism](#)

Elevated Discourse: A forum for elevated discourse.

[+ POST MESSAGE](#)

Subject: 24 Hour News Channels

Posted By:
[CatalogingMaven](#)

Date Posted: 2004-02-02 14:29:06

The real problem is that too many networks have to much time to fill. The result is man many hours of uninformed babble.

Subject: I wholeheartedly disagree

Posted By: [CWISJunkee4](#)

Date Posted: 2004-02-02 14:27:52

It's not the journalism it self that has seen decline, but the world. The world has run out of interesting stories. All anyone does these days is watch television and listen to rock music.

Subject: It's a sorry state.

Posted By:
[SuperLibrarian](#)

Date Posted: 2004-02-02 14:26:10

What was once grand has become unintelligent and bawdy.

[EDIT MESSAGE](#)

[DELETE MESSAGE](#)

[+ POST MESSAGE](#)

You are logged in.
Welcome, SuperLibrarian

[Preferences](#)

[Log Out](#)



Add New Resource

A "*" next to a label indicates a required field.

Title: *

Url: *

Description: *

Resource Type:

Collection
Dataset
Event
Image

Format:

calendar
css
enriched
gif

Audience:

Faculty
Grades 1 - 3
Grades 10 -12
Grades 4 - 6

Language:

English
Japanese
Polish
Spanish

Creator(s):

Contributor(s):

Publisher(s):

Classification(s):

Date Issued:

You are logged in.

Welcome, administrator

- Register
- Preferences
- Metadata Tool
- Administration
- Edit User Account
- Log Out

[Add New Resource](#)
[Edit Resources](#)
[Add New Controlled Names](#)
[Edit Controlled Names](#)
[Edit Option Lists](#)
[Add/Edit Classifications](#)

Metadata Tool Help

OAI Configuration

OAI ID Domain:

OAI ID Prefix:

OAI Earliest Date:

OAI Date Granularity:

OAI Metadata Field Mappings

Metadata Fields	oai_dc	nsdl_dc
Email Address:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Screenshot:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Release Flag:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Date Of Record Creation:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Date Record Checked:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Date Last Modified:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Added By It:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Last Modified By It:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>
Cumulative Rating:	<input type="text" value="Unmapped"/>	<input type="text" value="Unmapped"/>

OAI Qualifier Mappings

Note: For Dublin Core compliant schemas, the mapping is dependent to DC Encoding Schemes.
 (See online help for further clarification.)

[Edit NSDL OAI Mappings](#)

You are logged in.
 Welcome, administrator

- Register
- Preferences
- Metadata Tool
- Administration
- Edit User Account
- Log Out

- [Add New Resource](#)
- [Edit Resources](#)
- [Add New Controlled Names](#)
- [Edit Controlled Names](#)
- [Edit Option Lists](#)
- [Add/Edit Classifications](#)

Metadata Tool Help

Keyword Search:



Online Resource Portal

[Home](#) [Browse Resources](#) [Get Recommendations](#) [Forums](#) [About](#) [Help](#)

[Advanced Search](#)

Help

Find **help** for:

Registration & Login	Resources	Ratings
Comments	Forums	User Agents
Changing Interfaces	Recommendations	

Help for Resources:

How do I search for a resource?

You can search for a resource in two ways. Quick keyword search, which is available via the "Search Resources" box on most screens, matches your word(s) to words anywhere in the resource record. Advanced Search gives you more opportunities to specify which fields or areas of the records you would like to search.

What is the difference between Quick Keyword Search and Advanced Search?

Quick Keyword Search is designed to allow you to search for one word or phrase without any customization of the search process. Advanced Search provides many additional options to refine your search strategy, including searching for combinations of words or phrases, limiting the search by a variety of variables, and customizing how you will see the search results.

What are the best search methods?

A number of tips should allow you to maximize your use of Quick Keyword Search and Advanced Search:

1. Capitalization is irrelevant. For example, NASA is equivalent to nasa.
2. For phrase searching, enclose the words within double quotes (e.g., "Library of Congress").
3. To search for an exact number, place the number into quotes (e.g., "114,457"). This forces the search engine to find an exact match for that number.
4. For a string of words (e.g., University of Wisconsin), Quick Keyword Search and Advanced Search

You are logged in.

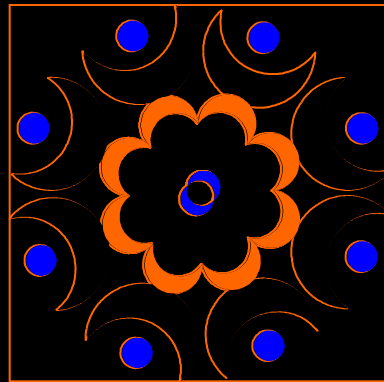
Welcome, CrazeeGrrl87

- [Preferences](#)
- [Metadata Tool](#)
- [Log Out](#)

[Add New Resource](#)
[Edit Resources](#)
[Add New Controlled Names](#)
[Edit Controlled Names](#)
[Edit Option Lists](#)
[Add/Edit Classifications](#)

Metadata Tool Help

Customization





Welcome

Welcome to the Sustainable Business Database. Faculty in the Oregon State University College of Business have selected these article citations.

News

News and announcements can also go in this area.

Log In:

User name:

Password:

 [Create a Login](#) [Forget your password?](#)

New Resources

- | | |
|---|-------------|
|  Greening the Boardroom: Corporate Governance and Business Sustainability (Book)
Reviews book. | Full Record |
| http://0-search.epnet.com.oasis.oregonstate.edu:80/login.asp... | |
|  The Effects of Corporate Governance and Institutional Ownership Types of Corporate...
Studies CSP (corporate social performance) and its equity and product quality elements, as well as effect on employees. | Full Record |
| http://0-search.epnet.com.oasis.oregonstate.edu:80/login.asp... | |
|  The greening of corporate America
Presents benefits companies receive when initiating environmental protection practices, also notes tradeoffs of going green. | Full Record |
| http://0-search.epnet.com.oasis.oregonstate.edu:80/login.asp... | |
|  Corporate Social Performance as a Competitive Advantage in Attracting a Quality Workforce
Cites the potential for CSR to attract better, more talented workers. Theory is based on social identity theory. | Full Record |
| http://0-search.epnet.com.oasis.oregonstate.edu:80/login.asp... | |
|  Towards a Process Model of Corporate Greening
Studies two German consumer goods firms, assessing their internal processes over the course of greening activities. | Full Record |
| http://0-search.epnet.com.oasis.oregonstate.edu:80/login.asp... | |

[Next 5 resources](#)

Title: Greening the Boardroom: Corporate Governance and Business Sustainability (Book)
Url: <http://0-search.epnet.com.oasis.oregonstate.edu:80/login.aspx?direct=true&db=buh&an=2327854>
Author: Goodstein, Jerry

Description: Reviews book.

Publication Year: 1999
Volume: 44
Issue: 3
Classification: Management
Page numbers: 636-638
Resource Type: Journal Article
Audience: Teaching
Keyword: Corporate Social Responsibility (CSR)
Date Of Record Creation: 2005-09-10 23:19:58
Date Of Record Release: 2005-10-04 09:19:48
Date Record Checked: 2005-09-10
Date Last Modified: 2005-11-10 11:01:48
Cumulative Rating: NOT YET RATED

Resource Comments:

(no comments available yet for this resource)

Metadata Field Editor

Add New Field

Text and Paragraph Fields

Field Name	Enabled	Optional	Viewable	Include in Keyword Search	Include in Advanced Search	Search Weight	Text Field Size	Paragraph Rows	Paragraph Columns	Uses Qualifiers	Default Qualifier	Has Item Level Qualifiers
Text Fields												
Title	Yes	No	Yes	Yes	Yes	5	30	N/A	N/A	No	--	No
Default Value: [No default value entered for this field] Definition: Name by which the resource is formally known. Title is used and displayed as a headline in the SPT. This field is a required field. Required fields may not be customized as to the field type or disabled. Required fields must be completed in each resource record. DCMI element.												
Alternate Title	Yes	Yes	Yes	Yes	No	3	30	N/A	N/A	No	--	No
Default Value: [No default value entered for this field] Definition: This is a variant name by which resources may be known. It allows access when the exact title may impede retrieval and includes complete names/words abbreviated in the Title, commonly known name, or an associated text. DCMI recommended element refinement of Title.												
Url	Yes	Yes	Yes	Yes	Yes	1	30	N/A	N/A	No	--	No
Default Value: [No default value entered for this field] Definition: The complete, current location or unique identifier of the resource. Because of the functionality of the domain limit, remember to always add the trailing slash after the domain. Portal administrators may make this a required field. Required fields must be completed in each resource record. DCMI element.												
Source	No	Yes	Yes	No	Yes	1	30	N/A	N/A	No	--	No
Default Value: [No default value entered for this field] Definition: A Reference to a resource from which the present resource is derived. The present resource may be derived from the Source resource in whole or in part. Dublin Core Metadata Initiative recommended best practice is to reference the resource by means of a string or number conforming to a formal identification system. DCMI element.												
Relation	No	Yes	Yes	No	Yes	1	30	N/A	N/A	No	--	No
Default Value: [No default value entered for this field] Definition: A reference to a related resource. Dublin Core Metadata Initiative recommended best practice is to reference the resource by means of a string or number conforming to a formal identification system. DCMI element.												

Tree, ControlledName, and Option Fields

Field Name	Enabled	Optional	Viewable	Include in Keyword Search
------------	---------	----------	----------	---------------------------

Tree Fields

Classification	Yes	Yes	Yes	Yes
-----------------------	-----	-----	-----	-----

Default Value: [No default value entered for this field]
Definition: The Metadata Tool allows the use of an existing standard classification scheme as a way of browsing through the resources in hierarchical tiers. This approach guides users to more precise. Privilege to build or edit the vocabulary or taxonomy of classification.

ControlledName Fields

Journal	Yes	Yes	Yes	Yes
----------------	-----	-----	-----	-----

Default Value: [No default value entered for this field]
Definition: An entity responsible for making the resource available. Examples of authors are individuals, organizations, or groups. They do not claim some responsibility for the intellectual content of the resource, but they do claim some responsibility for its creation. DCMI element.

Author	Yes	Yes	Yes	Yes
---------------	-----	-----	-----	-----


Default Value: [No default value entered for this field]
Definition: The personal, corporate, meeting/conference, etc. name(s) of the party responsible for making the resource available. Personal creators are people. Some typical examples of corporate creators are government agencies, projects, programs, religious bodies, church groups, and corporations.

Contributor	Yes	Yes	Yes	Yes
--------------------	-----	-----	-----	-----

Default Value: [No default value entered for this field]
Definition: An entity responsible for making contributions to the content of the resource. Contributors employ Controlled Names as described above in the definition for Creator. DCMI element.

Keyword	Yes	Yes	Yes	Yes
----------------	-----	-----	-----	-----

Default Value: [No default value entered for this field]
Definition: Terms or a nonhierarchical string of terms relating to the resource's content. Examples include Keywords, Headings, etc. DCMI element.

[Search](#) Classification(s): 

- None Selected
- Accounting
- Ethics
- Finance
- Human Resources
- Management
- Marketing
- MIS
- Supply Chain

User Interface Customization

To support multiple user interfaces and user interface customization, the CWIS code base is split into distinct **PHP** and **HTML** sets of files. The *.html* files contain HTML and PHP relating to the look and feel of CWIS, and the *.php* files contain everything else (i.e. functionality).

Adding a New User Interface
Customizing the Overall Look and Feel
Customizing a Specific Page
Adding a New Page

Adding a New User Interface

To add a new user interface to your CWIS-based site, all you need to do is go into the top directory on your site and run the CWIS new interface creation script:

```
cd MyPortalHome
./newinterface
```

(Where *MyPortalHome* is name of the directory where you installed CWIS.)

The *newinterface* script will ask you for the name you want to give to your new user interface, and then create the necessary files and directories. After you've run *newinterface*, log into your CWIS site and make sure that your new user interface shows up in the *Default User Interface* list on the *Edit System Configuration* screen.

Customizing the Overall Look and Feel

Customizing a CWIS-based site can be broken down into two phases: changing the **overall** look and feel, and changing the look and feel of **individual pages**.

For the **overall** look and feel of a CWIS-based site, there are three files that contain almost all of the common page elements and appearance settings: *SPT--StandardPageStart.html*, *SPT--StandardPageEnd.html*, and *SPT--Stylesheet.css*.

As their names might suggest, *SPT--StandardPageStart.html* and *SPT--StandardPageEnd.html* contain the common page elements that appear at the top/left and bottom/right, respectively, of most pages. Any changes made to those files will appear on all CWIS-based pages on your site.

SPT--Stylesheet.css contains the CSS (Cascading Style Sheet) attributes for the site (text color, font size, etc). Again, changes made to this file will affect all CWIS-based pages.

All three of these files can be found in the *include* subdirectory under your new interface directory (that you created by running *newinterface* as directed above).

Customizing a Specific Page

Customizing **individual pages** on a CWIS-based site involves four steps:

Caveats

Community

