



Metamorphosis in the Academic Library: the virtual life of a science librarian

Pavlinka Kovatcheva, University of Johannesburg, LIC

Annual LIS Research Symposium, 30 July 2009

The Metamorphosis Life of a Librarian

- **The 80s:** Traditional role
- **The 90s:** Transitional role
- **The 21st Century:** Virtual + Web 2.0 role

Traditional + Virtual + Web 2.0 =

Comprehensive Librarian?

SUBJECT INFORMATION LIBRARIAN: SERVICES TO USERS

Support to Teaching, Learning & Research

- Provides Information Retrieval & Research Support
- User Education & Training to users
- Collection Development, Maintenance & Management of Collections
- Technology & Service Development
- Promotion/Marketing of Library Services & Resources
- Networking with the Academic Departments, Internal & External clients

Emerging skills & duties: Web 2.0 developer; Social Software skill; Proactive; Innovate & Collaborate; Empowers Others; Anticipates needs; Provides Solutions; Creating Curriculum content; Teacher/Trainer in the Classroom, etc.

SUBJECT INFORMATION LIBRARIAN: SERVICES TO USERS

Traditional service

Help users face-to-face

Departmental visit

Newsletter

Print/E-mail notification

Displays in the Library

Print Brochures & Posters

Static Library website

ToC (print; via e-mail)

Search results sent through e-mail

/print /export

Library 2.0 service

Blogs

Social Networking

Social Bookmarking

RSS feeds

Wiki for subject guides

Instant Messaging/Chat: Ask-a-Librarian help

Mind Maps

Podcasts & Videos

Embedded widgets

iGoogle (personal Web 3.0)

SERVICES TO USERS: RECOMENDATIONS

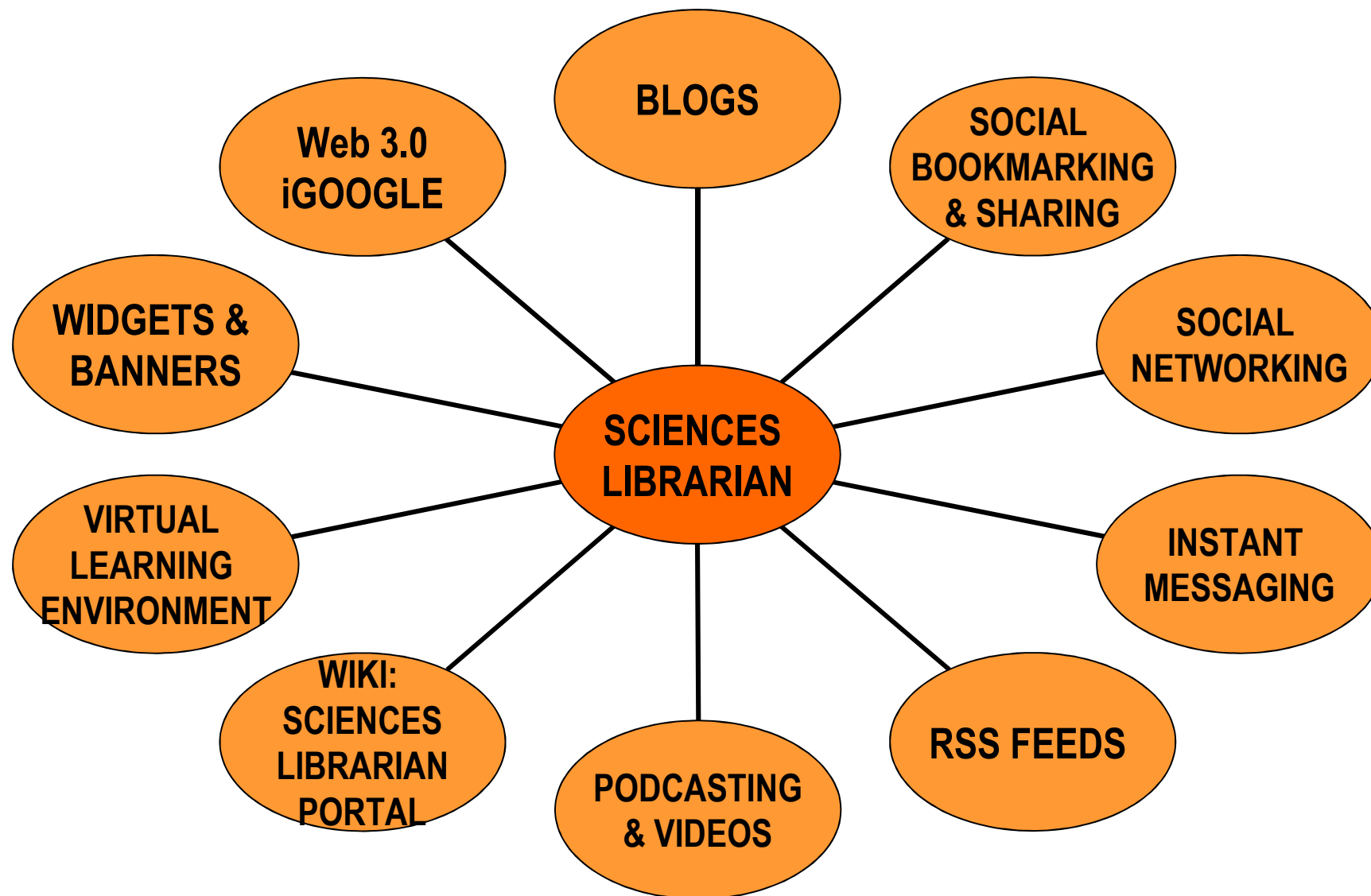
Meet users in their space Virtual & Physical

Library Links from the
Departmental websites
Library Displays @ the
Departments
Librarian help @ the
Departments
Initiate Library talks for Faculty
Use the Virtual Learning
Environment
Use the Social Networking
places (*Facebook; LinkedIn*)

Tempt users into the Library Space

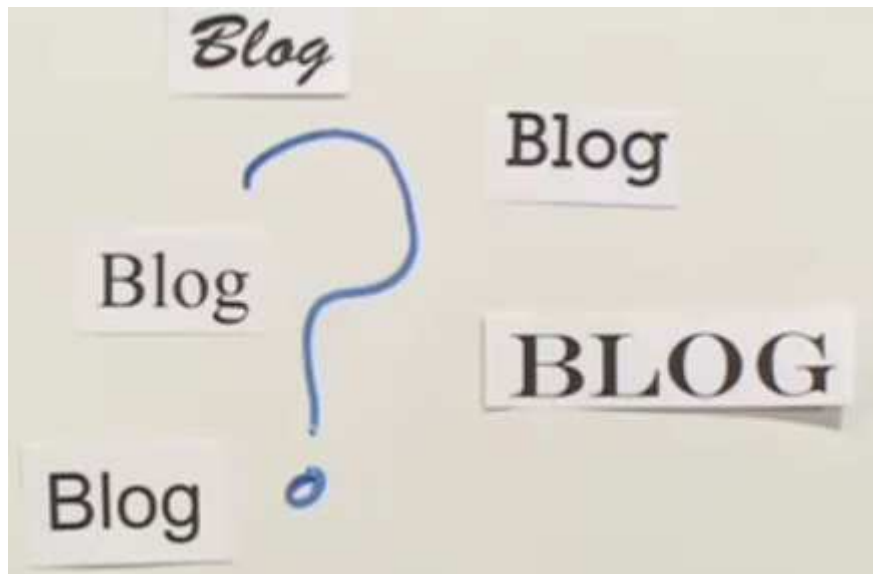
Physical & Virtual access
Interactive Library website
Initiate Games (*Sudoku; Library
quizzes, Widgets, Second Life,
etc.*)
Build personal relationship
Library special projects (*Database
of the week; One Book-One
Library, Library week*)
Use University news channels to
promote the Library

SCIENCES LIBRARIAN VIRTUAL & WEB 2.0 WORLD





BLOGS



You Tube Blogs in Plain English

UJ Sciences Library News

Library News; Library Services; Projects & Initiatives; Trial databases;
New databases; Publisher's news and updates; etc.

UJ Sciences Library News

Blog Stats

○ 1,207 hits

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Library News by Email

Recent Posts

- Reaxys Online: CrossFire Beilstein & Gmelin TRIAL (Until 31/8/2009)
- MyiLibrary Online Books TRIAL (until 30/9/2009)
- CASE: A to Z Journals List: New upgraded library resource
- Library System (Millenium-Innopac): Server upgrade
- JSTOR: Sciences Journals per Discipline
- CABI launches enhanced Life Sciences delivery platform
- ONE BOOK ONE

Reaxys Online: CrossFire Beilstein & Gmelin TRIAL (Until 31/8/2009)

July 14, 2009 — Pavlinka Kovatcheva | Edit

Reaxys Online: Beilstein, Gmelin and Patent Chemistry Databases is on **TRIAL until 31/8/2009.**

The Library subscribes to **CrossFire & Reactions: Beilstein & Gmelin in CD-Rom format.** Now this product is made available online, and the Library has recently a presentation by Elsevier on its functionality.

Click here to [Access Reaxys](#) . Read [more](#) about this product.

Features:

- The TRIAL will run until 31 August 2009.
- The **access is available only ON CAMPUS**
- The access is IP Authenticated for all UJ Campuses
- Multiple users
- Make use of [Reaxys Training Manuals](#) to easy your searching needs

Access is available through the [Sciences Librarian Portal](#) and [Chemistry Subject Portal](#).

Please contact me for more information or if you experience any difficulty in accessing or

Tags

Academics Books CABI
database CASE Chemistry
Circulation Copyright
Databases
access Databases
NEWS EbscoHost Electronic
Course Reserve Exam Papers
Intercampus Loan InterLibrary
Loan IOP Journals JSTOR
Lending Library Catalogue
Library hours Library
Membership Library Project
New Databases OnlineBooks
Open Access Physics
Posgraduates Publisher
visit Registration Research
Reserve Collection Sciences
Subjects Study Collection
Subject Librarians Table of
Content Teaching **TRIAL**
UJDigispace UJ Library UJ

UJ Sciences Librarian Research News

Sciences Research News; Journals Impact factors; Ranking;
Links to articles by UJ Science Researchers; Research resources, etc.

UJ Science Librarian Blog

A WEBLOG COMMUNICATION CHANNEL FROM THE LIBRARY TO THE UNIVERSITY OF JOHANNESBURG
SCIENCE COMMUNITY. CREATED ON 25TH OCTOBER 2007.

THURSDAY, JUNE 4, 2009

WOLFRAM ALPHA KNOWLEDGE ENGINE: NEW SEARCH ENGINE

I have found on the news 1-2 weeks ago, the announcement for a new search engine - "**Wolfram Alpha Knowledge Engine**". I have spent some time searching, but definitely more time is required to get to know it better. It is different from any other search engine I had used. It could of great interest to the *sciences & engineering users; health sciences, education, finances*, etc.

Read the "iLibrarian" post: **Wolfram Alpha Knowledge Engine Launches**, which also provides additional articles.

"Searchers using this engine can enter a question or a calculation, and rather than return relevant results, Wolfram Alpha uses its algorithms to digest the query and compute the answer based on its collection of data" "Scientists, researchers and techies alike will be interested in this new computational search engine which is running on R Smarr, the world's 44th largest supercomputer, created by launch partners, R Systems..."

Do you like this search engine? Leave a comment.

2645

hits

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UJ APK LIBRARY SITE MAP

Library

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Posts

UJ Sciences Librarian Blogs

<http://ujsciencelibrarianblog.blogspot.com/>

<http://ujscienceslibrarynews.wordpress.com/>

UJ Sciences Library News

Recent Posts

Reaxys Online: CrossFire Beilstein & Gmelin TRIAL
(Until 31/8/2009)

MyiLibrary Online Books TRIAL (until 30/9/2009)

CASE: A to Z Journals List: New upgraded library
resource

Library System (Millenium-Innopac): Server upgrade

JSTOR: Sciences Journals per Discipline

CABI launches enhanced Life Sciences delivery
platform

ONE BOOK ONE LIBRARY PROJECT

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UJ Science Librarian Blog

Recent Posts

Want research summaries by experts? Look to
SciTopics

Beyond the Impact Factor: JCR enhancements

The Complete Work of Charles Darwin Online

Essential Science Indicators: Fast Moving Fronts,
Emerging Research Fronts & Hot Papers in Science

SCHOLARLY JOURNALS - NEW FREE JOURNALS TABLE OF
CONTENTS: ticTOCs

UJ Sciences Librarian News (APK)

Academia.edu for Reserchers










































ScienceDirect Top 25 Hottest Articles: July -
September 2008


Get Widget

SOCIAL BOOKMARKING & SHARING

Bookmark & Share + AddThis.com

Select a Service:

 AIM	 Google Bookmarks	 Propeller
 Ask	 Kaboodle	 Reddit
 Backflip	 kIRTSY	 Segnalo
 BallHype	 Link-a-Gogo	 Simpy
 Bebo	 LinkedIn	 Slashdot
 Blogmarks	 Live	 Spurl
 Delicious	 Mister Wong	 StumbleUpon
 Digg	 Mixx	 Tailrank
 Diigo	 Multiply	 Technorati
 Facebook	 myAOL	 Twitter
 Fark	 MySpace	 Yahoo Bookmarks
 Faves	 Netvibes	 Yahoo Buzz
 Favorites	 Netvouz	 Yardbarker
 FriendFeed	 Newsvine	

Get your own AddThis button! 

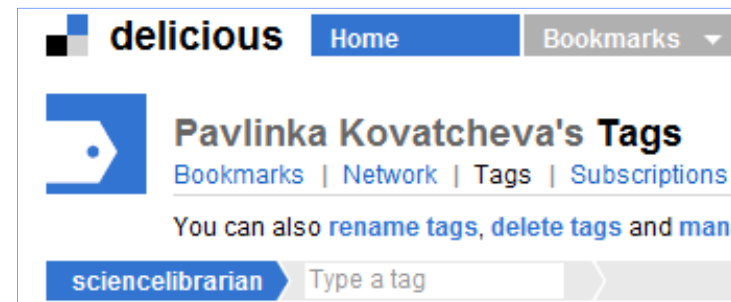
Social Bookmarking is the practice of saving bookmarks to a public website and “tagging” them with keywords

Implications for Librarians, Researchers and Learners

Tagging information resources with keywords has changed the way we store and find information.

Use Social Bookmarking & Sharing websites to:


- Simplify the **distribution of Reference lists, bibliographies, articles; news and other resources** among peers and students
- Use for **Current Awareness and Selective Dissemination of information** (articles, news; ToC, websites; blog posts, etc.)
- **Databases** with Social Bookmarking: ACS, RSC, EbscoHost, IoP, etc.



Social Bookmarking: EbscoHost







Searching: **Specific Databases, ...** | [Choose Databases »](#)

EBSCO HOST



"green building" 

[Basic Search](#) | [Advanced Search](#) | [Visual Search](#) | [Search History/Alerts](#) | [Preferences »](#)

◀ 9 of 1888 ▶ [Result List](#) | [Refine Search](#)

Citation      

Title:	Building Green: The Emerging Geography of LEED-Certified Buildings and Professionals.
Authors:	Cidell, Julie ¹ jcidell@illinois.edu
Source:	Professional Geographer ; May2009, Vol. 61 Issue 2, p200-215, 16p, 7 charts, 5 diagrams
Document Type:	Article
Subject Terms:	* SUSTAINABLE buildings * BUILDINGS

Persistent link to this record (Permalink):	<input type="text" value="http://0-search.ebscohost.com.ujlink.uj.ac.za/login.aspx?direct=true&db=a"/> 
Database:	Academic Search Premier
View Links:	Link to UJ Library Catalogue
Publisher Logo:	

Social Bookmarking: Results list

What's New? | Signed in as **sciencelibrarian**

delicious Home Bookmarks People Tags

Pavlinka Kovatcheva's GreenBuilding Bookmarks
Bookmarks | Network | Tags | Subscriptions | Inbox

See all GreenBuilding bookmarks in Popular, Recent, or your Network.

sciencelibrarian GreenBuilding Type another tag Bookmarks 5

Sorted by Most Recent

24 MAY 09 **EBSCOhost: Building Green: The Emerging Geography of LEED-Certified Buildings and Prof...**
One of the most important attempts to reduce the environmental impacts of the built environment is through the construction of green buildings. This article examines the geography of the emerging green building industry through a study of the spatial distribution of two different elements of that industry
EDIT | DELETE JournalArticle GreenBuilding

EBSCOhost: The greening of engineering
We need a rational approach to green buildings. We need to invest in sustainability
EDIT | DELETE JournalArticle GreenBuilding

EBSCOhost: Monitoring and evaluation of energy for development: The good, the bad and ...
This paper reflects on the debates and the practices involved in monitoring and evaluating energy for development projects which led to the formulation of "A Guide to Monitoring and Evaluation for Energy Projects" by an international working group
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EBSCOhost: Design and performance of the solar-powered floor heating system in a green...
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EBSCOhost: Goethe Institut, Jan Smuts Avenue: project review
Describes the purpose and development of the Goethe Institut, Jan Smuts Avenue. Focuses on the design, facilities, functions, and use of space and materials. Illustrates with photographs
EDIT | DELETE SouthAfrica JournalArticle GreenBuilding

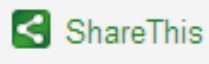
UJ ScienceLibrarian on Delicious

<http://delicious.com/sciencelibrarian>

The screenshot shows the Delicious website interface. At the top, there is a navigation bar with 'delicious' and links for 'Home', 'Bookmarks', 'People', and 'Tags'. Below this, the user profile 'Pavlinka Kovatcheva's Tags' is displayed, showing '458 Bookmarks & 152 tags'. A secondary navigation bar includes 'sciencelibrarian', a search box 'Type a tag', and 'Tags 152'. The main content area lists various tags, with several in bold: **Astronomy**, **blog**, **ClimateChange**, **GlobalWarming**, **librarian**, **library2.0**, **Research**, **Science**, **SocialNetworking**, **tools**, and **web2.0**. Other tags include academic, Africa, animals, Bacteria, Biochemical, Biodiversity, biofuels, Biology, Biotechnology, Bird, Book, BookReviews, Botany, calculus, Cancer, Chemistry, CO2, collaboration, Comet, ComputerGrid, ComputerScience, ComputersSecurity, Deserts, dictionary, DNA, Earth, Earthquakes, EarthScience, Ecology, Ecosystem, education, encyclopedia, Energy, Environment, Europe, Evolution, Facebook, flickr, Food, Forest, genes, Geography, Geology, GIS, google, GPS, GreenBuilding, GreenhouseEffect, Guides, Hubble, HumanPhysiology, humor, icons, IM, impact_factor, Internet, JournalArticle, journals, Laser, lectures, literacy, Map, Marketing, Mars, mashup, mathematics, microbiology, MilkyWay, Mineralogy, Moon, NaturalDisasters, Newsletters, Ocean, OpenAccess, OpenSource, Parasites, participation, People, PHILOSOPHY, photos, Physics, Planets, Plants, Podcast, PopulationGrowth, PowerPlants, presentations, programming, Publishing, reference, RenewableEnergy, Reports, Repositories, Reptile, rss, satelites, savanna, Science2.0, Searchengines, SecondLife, SedimentaryRocks, sharing, Skype, SocialBookmarking, SocialSoftware, Soil, SoilErosion, SouthAfrica, Space, Species, Sport, Statistics, Students, subjectguides, Summit, Sun, tagging, tags, Teaching, Technology, technorati, tuberculosis, tutorial, twitter, UJPresentations, Universe, University, Values, Video, videos, virtual, Volcanoes, Web3.0, webdesign, websites, WesternAfrica, wetlands, wiki, youtube, and Zoology. The bottom right corner indicates 'Sort: Alphabetically | By size'.

SOCIAL NETWORKING

& SHARING



UJ Sciences Librarian Hot Alert
Global

LibraryThing

Home Search Zeitgeist Talk Groups Local

Profile Recommendations Reviews Statistics/Memes Clouds Gallery

Member: **ujsciencelibrarian**

climate **human impact** weather

Social Networking & Sharing: Facebook



The screenshot shows a Facebook interface with a dark blue header containing the 'facebook' logo and navigation links: Home, Profile, Friends, and Inbox. Below the header, there is a section titled 'Links on "UJ Sciences Librarian Hot Alert"' with a profile picture for 'Leading Edge Librarians'. A link is displayed with the text 'Back to UJ Sciences Librarian Hot Alert'. Below this, it says 'Displaying all 5 links.' The main post is from a user with a profile picture of a woman in a red shirt. The post text reads: 'You posted a link Yesterday at 5:43pm,'. The link is '0-library.books24x7.com.ujlink.uj.ac.za' with a source of '0-library.books24x7.com.ujlink.uj.ac.za'. The post content includes a note: 'NOTE: From 7 February 2008: PIN Instructions 1. You will be prompted to create and enter a PIN in addition to your Surname and UJ Staff/Student Number 2. It is your responsibility to ensure the secrecy of your PIN and to logout to end your session 3. ...' and a quote: '“ Books 24/7 are on TRIAL until 31/5/2009. Click on this link for access. For Sciences and Engineering students ”'. Below the post are 'Comment' and 'Like' options, and a text input field for a comment. At the bottom, another link post is visible from 'UJLibScience (ujlibscience) on Twitter' with a source of 'twitter.com'.

Increase the Library awareness with Undergraduates

Meet the “Net Generation” in their environment

- IM/Chat
- Pictures & videos
- Links to the library resources

Share knowledge and information (on the wish list)

Social Networking & Sharing: Twitter

UJLibScience (<http://twitter.com/ujlibscience>)

Home Profile Find People Settings Help Sign out

ujlibscience
UJ Science Librarian

40 following 40 followers

Updates 76

Favorites

Following

RT @mashable 5 TED Talks on Science That Will Blow Your Mind
<http://bit.ly/MyO63>
11:48 PM Jul 22nd from web

NASA Japan have released a new digital topographic map of Earth
<http://bit.ly/3XB65Q>
9:55 PM Jul 18th from web

Annotated pan of part of the galactic plane: Milky way
<http://bit.ly/9rKjb>
9:47 PM Jul 18th from web

I'm experimenting with a new interactive website. There is so much a librarian can do for her users: <http://www.netvibes.com/ujl...>
12:24 PM Jun 27th from web

Study pinpoints novel cancer gene and biomarker (Harvard Science): <http://bit.ly/aoBvR>
4:00 AM Jun 25th from web

RSS feed of ujlibscience's updates

Twitter allows people to send and to receive messages (140 characters) in real-time

What are you doing?

Links to useful websites

Raise an Awareness to Library services and resources

You can “follow” in order to see what are others saying

Follow: Springer; Elsevier; IOP, Other Science Librarians, etc.

INSTANT MESSAGING REAL-TIME CHAT ROOM



meebo [products](#) [rooms](#) [about us](#) [blog](#) [help](#)

instant messaging everywhere

sign on to meebo

meebo id

password

[forgot password?](#)

remember me

... or register now

One login to access all your accounts.
IM from any browser, anywhere.

email

full name

yahoo!

login

password

[forgot password?](#)

msn

login

password

[forgot password?](#)

myspace

login

password

[forgot password?](#)

aim

login

password

[forgot password?](#)

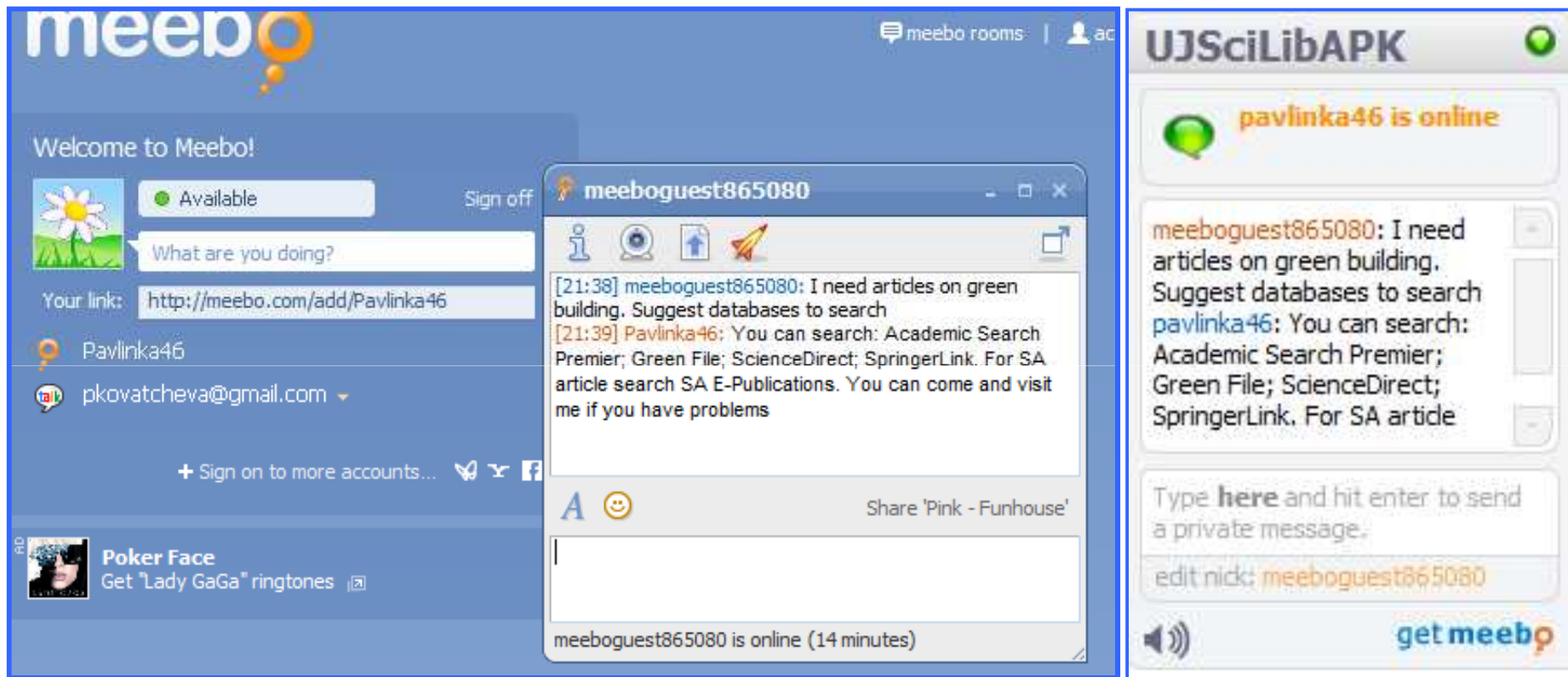
By clicking Sign On, you agree to our [terms of service](#) and [privacy policy](#)

sign on as invisible

facebook gtalk icq jabber myyearbook

Instant Messaging (IM)

MeeboMe: UJSciLibAPK



IM is a real-time chat room. Users can ask short questions about databases, services, problems, etc.

Opportunity for users to give their voice about the library

SCIENCES RESEARCH LINKS (RANKING, IMPACT FACTOR, ETC.)

- [ScienceWatch: Tracking Trends & Performance in Basic Research](#) ([Data and Rankings](#); [Analyses](#), [Intervi](#))



- [ScienceWatch RSS NEWS Feeds](#)
- [Sci-Bytes: What's New in Research](#)
- [Fast Breaking Papers](#)
- [New Hot Papers in Science](#) (from Essential Science Indicators, Thomson Reuters)
- [Emerging Research Fronts](#)
- [Fast Moving Fronts](#) (Research Fronts that are growing most rapidly)
- [Research Front Maps](#) (Clusters of highly cited papers and research front maps)
- [Country Profiles](#)
- [What's Hot in...](#) (Biology, Chemistry, Medicine, Physics)

RSS FEEDS

PHYSICS RSS NEWS FEEDS



What is RSS feed? Read [MORE...](#)



- [American Physical Society \(APS\) Journals Highlights](#)
- [AAAS: EurekAlert](#)
 - [Mathematics & Statistics, incl. Physics News](#)
 - [Chemistry, Physics & Material Science News](#)
 - [Space & Planetary Sciences News](#)
- [Physics @ APS](#)
- [Physics Today](#)
- [Physics Today News](#)
- [ScienceDaily: Space & Time News](#) ([Astronomy News](#), [Astrophysics News](#), [Big Bang Theory News](#), [Dark Matter & Dark Energy News](#), [Extrasolar Planet News](#), [Solar System News](#), [ESA News](#))
- [ScienceDaily News: Matter & Energy](#) ([Acoustics News](#), [Albert Einstein News](#), [Nanotechnology News](#), [Nuclear Energy News](#), [Optics News](#), [Physics News](#), [Quantum Computing News](#), [Quantum Physics](#))

RSS Feeds



What it is?

RSS stands for “Really Simple Syndication”

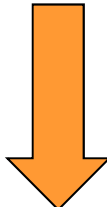
RSS feeds publish frequently updated content from your selected sites across the Internet.

Use RSS to **push content to patrons!**

Make use of RSS feeds for:

- Current Awareness and Selective Dissemination of information
 - > Table of Content (ToC) RSS feeds
 - > RSS feeds for searches
 - > News feeds, etc.
- **Databases that provide this service:** EbscoHost, ScienceDirect; IoP; Wiley Interscience, SpringerLink, American Chemical Society, Royal Society of Chemistry, etc.

RSS feeds for Journals



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Accounts of Chemical Research	Analytical Chemistry News
ACS Applied Materials & Interfaces	ES&T Online News
ACS Chemical Biology	Journal of Proteome Research News
ACS Nano	ACS Nanotation (Community Site)
Analytical Chemistry	JACS Beta
Biochemistry	C&EN Latest News
Bioconjugate Chemistry	C&EN NanoFocus



RSC Publishing

Home > Publishing > Journ

Publishing

About this Journal

- Journal Home
- About CERP
- People & Contacts
- Copyright & Permissions

Reader Services

- Browse Issues
- Previous Issues
- E-Alerts Service

Author Services

- Submissions
- Author Guidelines

Tools

- Email this to a friend
- Email your librarian
- Add to del.icio.us
- Digg this story
- Share on Facebook
- Seed Newsvine
- Reddit this

Subscribe To RSS Feed

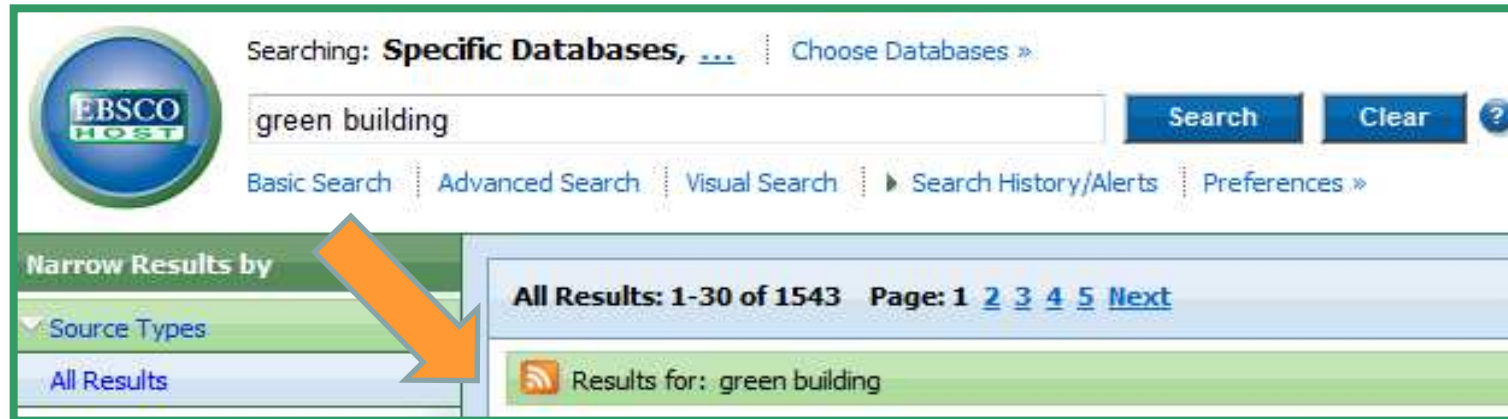
- Google
- MY YAHOO!
- Pageflakes
- netvibes
- newsgator

Read the Journal

- Advance Articles
- Browse Issues
- Search RSC Journals
- RSC Prospect Structure Search
- E-Alerts Service
- RSS feed



RSS feeds: Keywords/Articles



Searching: **Specific Databases, ...** | Choose Databases »

EBSCO
HOST

green building

Search Clear ?

Basic Search | Advanced Search | Visual Search | Search History/Alerts | Preferences »

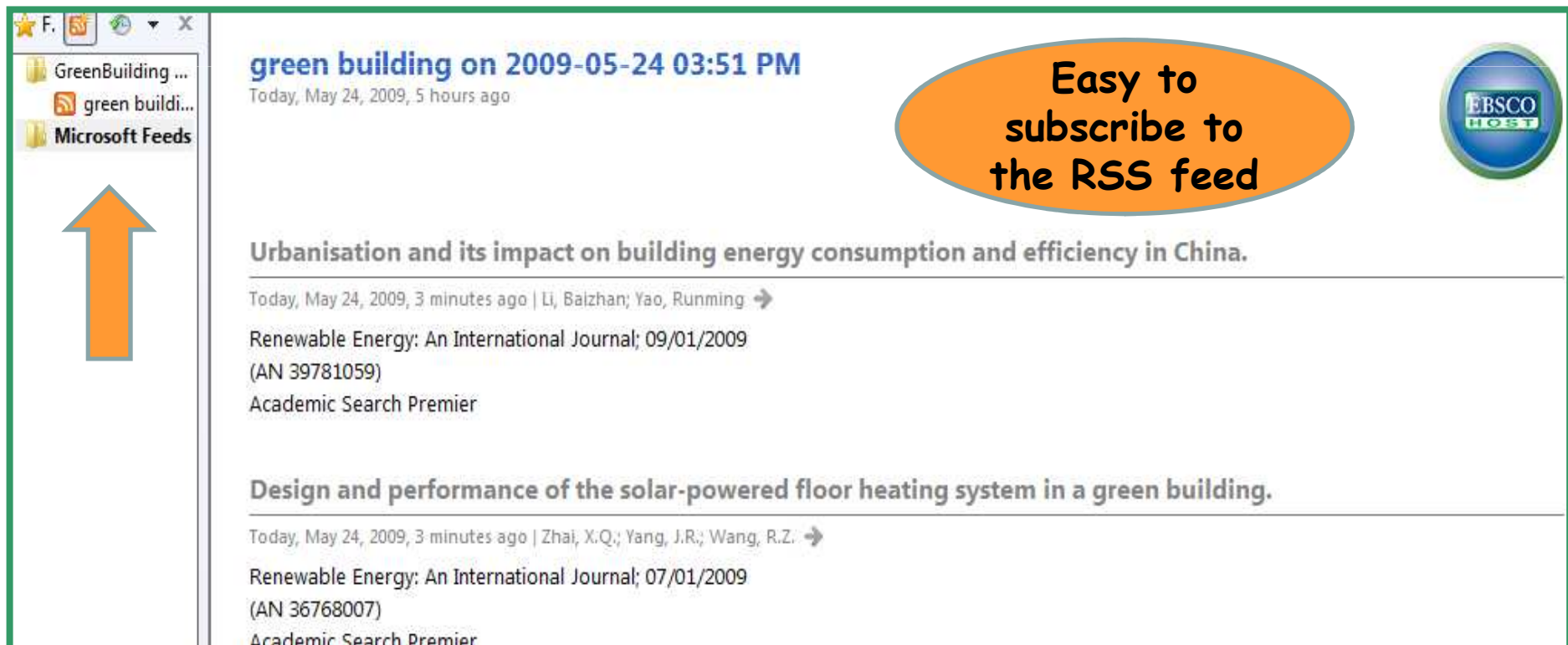
Narrow Results by

Source Types

All Results

All Results: 1-30 of 1543 Page: 1 2 3 4 5 Next

Results for: green building



GreenBuilding ...
green buildi...
Microsoft Feeds

↑

green building on 2009-05-24 03:51 PM
Today, May 24, 2009, 5 hours ago

Urbanisation and its impact on building energy consumption and efficiency in China.

Today, May 24, 2009, 3 minutes ago | Li, Baizhan; Yao, Runming →
Renewable Energy: An International Journal; 09/01/2009
(AN 39781059)
Academic Search Premier

Design and performance of the solar-powered floor heating system in a green building.

Today, May 24, 2009, 3 minutes ago | Zhai, X.Q.; Yang, J.R.; Wang, R.Z. →
Renewable Energy: An International Journal; 07/01/2009
(AN 36768007)
Academic Search Premier

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PODCASTING

ASTRONOMY PODCASTS



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ASTRONOMY VIDEOS



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[Video!](#)

WIKI: UJ SCIENCES LIBRARIAN PORTAL

Total Visitors:	2900
Total Hits:	5342



Provide access to:

- Sciences Subject Portals
- Teaching, Research & Undergraduates Support for Sciences users
- Top Electronic Resources for Sciences
- User Education, Guides & Tutorials
- Virtual Learning Environment: Special websites with instructions for Courses & Assignments
- Social Networking tools: Twitter; IM/Chat; Library & Research News (blogs); Social Bookmarking (articles)
- Current Awareness Services

The portal is developed and maintained by the UJ Sciences Librarian @ APK

Wiki to collaborate with Librarians in subject guides.

Wiki to present Librarians with a flexibility in placing content.

Aim:

Make scientific information easily accessible

Tailored made content

One stop to find subject specific information

Promote Open Access initiatives

Integrate Library & Internet Resources

UJ Sciences Librarian Portal

<http://ujsciencelibrarian.pbworks.com/>

UJ SCIENCES LIBRARIAN PORTAL



This Portal is your first step to the Sciences Information Resources!

<p>Teaching Support</p> <p>Want to find out what the Library has to offer in support to Teaching?</p> <p>Want to know how to place materials on Reserve or Study Collections?</p> <p>This is the place to START!</p>	<p>Undergraduates Support</p> <p>Are you new to the Library?</p> <p>Do you have a problem finding information for your latest projects?</p> <p>If yes to these and many more "?", click HERE!</p>	<p>Research Support</p> <p>Want to know how to get started with your research proposal?</p> <p>Want to learn how to publish your Research paper?</p> <p>If you are a postgraduate student or an established researcher, visit this site NOW!</p>
<p>Sciences Subject Collections</p> <p>Applied Mathematics & Mathematics</p> <p>Astronomy & Astrophysics</p> <p>Biochemistry</p> <p>Biology</p> <p>Botany & Plant Biotechnology</p> <p>Chemistry</p> <p>Energy</p> <p>Environmental Management</p> <p>Geography</p> <p>Geology</p> <p>Human Anatomy & Physiology</p> <p>Information Technology</p> <p>Microbiology</p> <p>Physics</p> <p>Statistics</p> <p>Zooloay</p>	<p>Library Instructions & User Guides</p> <p>Training Guides & Tutorials!</p> <p>Need Help: Ask-a-Librarian</p> <p>Library Submission forms</p> <p>Library User Education to...</p> <p>First Year: Sciences, APK</p> <p>Undergraduates: Sciences, APK</p> <p>Researchers: Sciences, APK</p>	<p>Social Networking</p> <p>UJ Sciences Virtual Librarian!</p> <p>FACEBOOK</p> <p>UJ Sciences Librarian Hot Alert</p> <p>TWITTER:UJLIBSCIENCE</p> <p>Follow me on Twitter</p> <p>What I'm doing now! News! Links! and more...</p> <p>BLOGS</p> <p>SCIENCES LIBRARY NEWS</p> <p>UJ SCIENCES LIBRARIAN RESEARCH NEWS</p> <p>UJ LIBRARIAN NEWS</p> <p>DEL.ICIOUS</p>

SideBar

Home

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[Sciences Subjects Portals](#)

Quick Links

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[CASE: A-to-Z Journals](#)
[A-to-Z Databases](#)
[UJ Faculty of Science](#)

Google Map

[University of Johannesburg Library \(APK\)](#)

From the Sciences Librarian Desk:

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Have a query? Just ask!
Write your inquiry in the box below!

UJSciLibAPK

pavlinka46 is online

Type **here** and hit enter to send a private message.

edit nickname: meeboguest13994!



[get meebp](#)

UJ Sciences Subjects Portals



UNIVERSITY
OF
JOHANNESBURG

Rethink Education. Reinvent Yourself.

ASTRONOMY & ASTROPHYSICS SUBJECT PORTAL

The Resources for this portal have been selected by **Pavlinka Kovatcheva**, subject librarian at APK Campus, Level 1,
Tel: 011 559-2621, e-mail: pkovatcheva@uj.ac.za

2009 International Year of Astronomy (IYA)

Portal to the UNIVERSE! **New** high-tech website embracing Web 2.0 technologies. Aims to become a one-stop-shop for Astronomy news. Read **MORE!**

IYA Live Telescope Library (videos of Southern Hemisphere Sky. A must see)

1. [ASTRONOMY NEWS FLASH!](#)
2. [ASTRONOMY RSS NEWS](#)
3. [SUPPORT TO ASTRONOMY USERS](#)
 - i. [Information for UNDERGRADUATES](#)
 - ii. [Information for MASTERS, PhD and STAFF MEMBERS](#)
4. [THE STARS GADGET](#)
5. [LIBRARY RESOURCES & SERVICES](#)
6. [UNIVERSITY & SCIENCES LINKS](#)
7. [THE SOUTHERN AFRICAN LARGE TELESCOPE \(SALT\): VIDEO](#)
8. [TOP RESEARCH RESOURCES](#)
9. [DATABASES \(ARTICLE SEARCH\)](#)
 - i. [TOP RESOURCES](#)
 - ii. [ADDITIONAL DATABASES](#)
 - iii. [SOUTH AFRICAN DATABASES](#)
10. [ASTRONOMY PICTURE OF THE DAY](#)
11. [JOURNALS](#)
 - i. [FINDING FULL-TEXT JOURNALS IN THE LIBRARY](#)
 - ii. [JOURNALS ABBREVIATIONS](#)
 - iii. [ASTRONOMY & ASTROPHYSICS FULL-TEXT JOURNALS](#)
 - iv. [FULL-TEXT SCIENCES JOURNALS](#)
12. [HOW TO GET PUBLISHED. AUTHOR INSTRUCTIONS.](#)
13. [ASTRONOMY PROFESSIONAL LINKS, NEWS, etc.](#)
14. [THE LARGE HADRON COLLIDER](#)
15. [COMPUTING GRID](#)
16. [USEFUL ASTRONOMY LINKS](#)
17. [GOOGLE EARTH \(INCL. MARS, MOON, OCEAN & SKY\)](#)
18. [ASTRONOMY PODCASTS](#)
19. [ASTRONOMY VIDEOS](#)

One stop for users to find links to Top Electronic Resources, Library Services, RSS news & Journal feeds; Podcasts & Videos; Research projects, etc.

VIRTUAL LEARNING ENVIRONMENT



CHEMISTRY 2B LIBRARY TRAINING

15 & 16 July, from 9.30h until 16.00h, Library, Level 1, SSIT (Training Room)

[LIBRARY INSTRUCTIONS/ ASSIGNMENT](#)

Assignment is DUE: Friday, 24 July 2009, by 11.00h

BIOCHEMISTRY 3B01 PRACTICAL

Article

Sewell, W.A., North M.E.,... 1997. [Determination of intracellular cytokines by flow-cytometry following whole-blood culture.](#) (click on PDF format)

J. Immunol. Meth. 209, p. 67-74. (ScienceDirect database)

[Books on Reserve for 3B](#)

LIBRARY TRAINING HPH 3B: 23 July 2009, D-Les 104, 11.10-12.55h

[Power Point Presentation](#)

[Selected articles for the Assignment](#) (tagged on Delicious). Just click on the title and Log-in to the Library Record.

Don't have a PIN for access to Library databases, Journals, exam Papers, MyUJLink? Click [HERE!](#)

Direct access to Library Resources for your Assignment:

[UJLink: Library Catalogue](#); [CASE: A-to-Z Journals](#); [ISI Journals Titles Abbreviations](#);

[EbscoHost Databases: Academic Search Premier](#); [SportDiscus Full-text](#); [MEDLINE](#)

[ScienceDirect](#); [SpringerLink](#); [Wiley Interscience](#)

Library Books on Human Physiology

Shelf code MF, Level 2: [Human Physiology](#) (the latest editions are at the top)

[Fundamentals of Anatomy and Physiology](#)/ Martini books

LIBRARY SUPPORT TO GEOGRAPHY 2A: PEDOGRAPHY (SOIL SCIENCE)

This portal is a guide to using the Library's Catalogue, Databases and other resources to locate materials for your assignments or research projects on Pedography

Pedography, studies soil forming factors, physical and chemical soil formation processes, soil types and classifications, the worldwide distribution of soil (and in South Africa) as well as soil management principles, including applications of soil sciences theory to improve agricultural soil.

[Sciences Librarian Portal](#)
[Geography Subject Portal](#)

1. [NEED HELP? ASK-A-LIBRARIAN](#)
 - i. [SUBJECT LIBRARIAN HELP](#)
 - ii. [GENERAL LIBRARIANS' HELP](#)
2. [GETTING STARTED WITH YOUR ASSIGNMENT](#)
3. [LIBRARY RESOURCES](#)
 - i. [Make use of Reference works](#)
 - ii. [Make use of the Books in the Library](#)
 - iii. [Make use of the Electronic books](#)
 - iv. [Make use of the Electronic Databases to search for articles](#)
 - v. [Search individual Electronic Journals to find articles](#)
 - vi. [Recommended Full-text Articles](#)
 - vii. [Governmental, Societies & Organisations Websites & Documents](#)
 - viii. [Useful Internet Resources](#)
4. [SOIL RESEARCH NEWS](#)
5. [CONFERENCE ALERT](#)

Virtual Learning Environment: Course / Assignment specific Websites



UNIVERSITY
OF
JOHANNESBURG

Rethink Education. Reinvent Yourself.

GEOGRAPHY SUBJECT PORTAL

The Resources for this subject have been selected by Pavlinka Kovatcheva, subject librarian at APK Campus, Level 1,
Tel: 011 559-2621, e-mail: pkovatcheva@uj.ac.za

CONSULTING HOURS for Undergraduates & Honours students (on Campus):

Monday: 10.30 - 12.00h 14.00 - 16.00h
Tuesday: 9.30 - 12.00h 14.00 - 16.00h
Thursday: 9.30 - 12.00h 14.00 - 16.00h

CONSULTING HOURS for Masters & PhD's:
Contact me to make an appointment

Geography 1A ext, 2nd term: [Ice Age](#) (Library Instruction)
Geography 3A & Honours Courses: [Geo-Informatics](#) (Library Instructions)
Geography 2A, 2nd term: [Pedography](#) (Library Instruction on Soil Erosion)
Geography 1A Ext, 1st term: [Cartography](#) (Library Research Project)

National Geographic News

NATIONAL GEOGRAPHIC NEWS
LATEST HEADLINES & NEWS PHOTOS

AS SEEN ON EARTH: Volcano, Candle Race, Ice Cave Photos (May 26, 2009)

 An owl monkey baby gets a ride, a volcano hisses, and enormous statues...

 Right Whales Return to Former Killing Ground (May 26, 2009)

 PHOTO: "Hot Jupiter" Planet's Phases Seen — A First (May 27, 2009)

News Photos News Videos Most Viewed

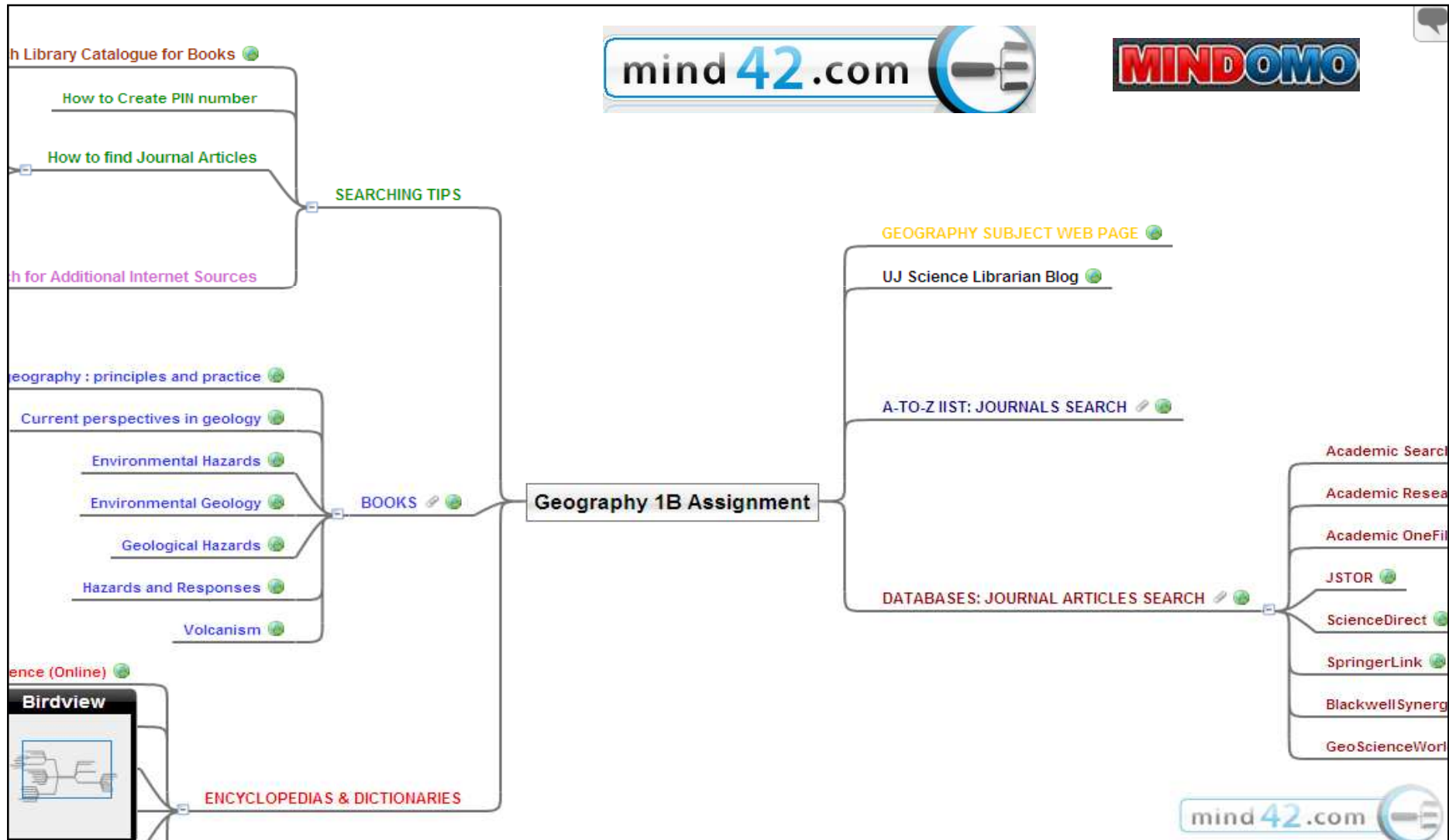
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Gadgets powered by Google

Virtual Learning Environment: Mind Map

Use Mind Maps to visualise Library Resources: Links to Library Books; Instructions materials; Electronic databases; Online Reference works



WIDGETS

RESEARCH SUPPORT

AWARENESS BANNERS

snapshots™

TEACHING SUPPORT

Del.icio.us ScienceLibrarian



UNDERGRADUATES SUPPORT

LIBRARY 2.0

UJ Science Librarian Blog

Embedded Widgets on the Sciences Subject Portals

SHARE [social icons]

UJ Sciences Library News

Recent Posts

BOOKS 24/7 ON TRIAL (until 31/May/2009)

TAYLOR & FRANCIS JOURNALS ON TRIAL (until 10/June/2009)

NISC DATABASES NOW AVAILABLE ON EBSCOHOST

McGraw-Hill ACCESS ENGINEERING: ONLINE BOOKS FULL-TEXT

SPRINGER PROTOCOLS TRIAL EXTENDED (until ...)

Get Widget

UNIVERSITY OF JOHANNESBURG UJ Science Librarian Blog

Recent Posts

Want research summaries by experts? Look to SciTopics

Beyond the Impact Factor: JCR enhancements

The Complete Work of Charles Darwin Online

Essential Science Indicators: Fast Moving Fronts, Emerging Research Fronts & Hot Papers in Science

Get Widget

ujlibscience 26 Followers

22 May is International Biodiversity Day. This year the theme is Invasive Alien Species. Visit: <http://bit.ly/6x78c>

4 days ago

Create your own "word clouds". Check the one I have created: <http://bit.ly/yRs2s>

5 days ago

Search the Directory of Open Access Repositories: <http://www.openoar.org/search>

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ecd Energy Citations Database

United States Department of Energy Bibliographic Citations 1940s - present

Search

get & share

UJSciLibAPK

pavlinka46 is online

meeboguest865080: I need articles on green building. Suggest databases to search

pavlinka46: You can search: Academic Search Premier; Green File; ScienceDirect; SpringerLink. For SA article

Type **here** and hit enter to send a private message.

edit nick: meeboguest865080

get meebop

Search Amazon.com

Search Amazon.com:

All Products

Keywords:

GO!

Search New and Used amazon.com.

Online Flash Games

LIBRARY 2.0

Twitter

Daily News

Top Stories Zimbabwe Africa World Business

Military cabal financial director to stay - Mugabe - Zimbabwe Telegraph
By HENRY RUPERT
Every... [View related stories >](#)

Q+A-Why did North Korea rush to a nuclear test? - Reuters
By Jack Kim SEOUL, May 26 (Reu... [View related stories >](#)

25 dead after cyclone hits

Google Scholar Search

Search

Gadgets powered by Google

Google Books

Search

Gadgets powered by Google

Sciences Librarian Awareness Banners

LIBRARY 2.0

LEARN HOW TO... IN THE LIBRARY!

WELCOME TO THE LIBRARY

Del.icio.us ScienceLibrarian

I know how to search the Library Electronic Databases!
I know how to search the Library Electronic Databases!
I know how to search the Library Electronic Databases!
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UJ Science Librarian Blog



LIBRARY NEWS

The new UJ Science Librarian blog Helps Teaching & Research

The new UJ Science Librarian blog helps teaching and research. The blog is a great resource for students and faculty alike. It provides information on the latest in science and technology. The blog is updated regularly and is a great way to stay current in your field. The blog is also a great way to share your own research and findings. The blog is a great resource for anyone interested in science and technology.



WELCOME TO THE WEB 3.0

Personalisation of Content

iGOOGLE

NETVIBES

Web 3.0

“the portable personal web”

focused on the individual
lifestream

consolidating dynamic content

the semantic web

widgets, drag & drop mashups

user behavior (“me-onomy”)

iGoogle, NetVibes

user engagement

advertainment

Web 3.0 - This will be about semantic web (or the meaning of data), personalization (e.g. iGoogle), intelligent search and behavioral advertising among other things.

Welcome to Web 3.0

iGoogle: One Portal to your Personal, Library and Research needs.

The screenshot displays the iGoogle homepage with a search bar at the top and a navigation menu. The main content area is divided into several widgets:

- UJ Sciences Librarian Portal:** Includes a search bar and a link to "Create your own Custom Search Engine".
- Facebook:** Shows a welcome message for "Pavlinka Kovatcheva" and a "What's on your mind?" input field.
- Gmail:** Displays the "Inbox (48)" with a list of Google Alerts for "uj" dated from July 17 to 24.
- Hotmail by iGetty.com:** Shows a list of emails, including "Atol.bg - Нови регистрации" and "Universe Today - 1 new story for 200...".
- TwitterGadget:** A "ujlibscience" gadget showing a tweet about "astronomy2009: New National Nodes! Guinea-Bissau, São Tome and Principe, Eritrea and Suriname:".
- Meebo Chat:** A sign-on form for "meebo" with fields for "meebo id" (pavlinka46) and "password", and a "Sign On" button.
- Date & Time:** A digital clock showing "Mon JUL 27" and a calendar grid.

iGoogle: Your Research Portal (Physics, Energy, Environment, Science, Library, Web 2.0)

Home | News | Entertainment | Science news | science | library | **Physics** | Energy | Astronomy | Astrology | web 2.0 | research | environment | Add a theme from Be...

New Journal of Physics latest papers


- [Microwave response of superconducting pnictides: extended scenario](#)
- [Momentum dependence of pseudo-gap and superconducting gap in variation theory](#)
- [Variational ground states of the two-dimensional Hubbard model](#)

Physics - spotlighting exceptional research

- [The turbulent matter field of ultracold atoms](#)
- [Heralding the storage of light](#)
- [Creating—or destroying—entropy in a small system](#)

Quotes from Albert Einstein

Albert Einstein (1879-1955)



"Any fool can make things bigger, more complex, and more violent. It takes a touch of genius - and a lot of courage - to move in the opposite direction."

Show me another 10 of 212

[Other Gadgets](#) [BizCalcs.com](#)

condensed-matter physics - Selections from Encyclopaedia Britannica

condensed-matter physics

Shull, Clifford G. (activity)

etBLAST Search 3.0

Input text to search

MEDLINE
 CRISP
 NASA

Physics Today magazine

- [Industrial R&D in transition](#)
- [Population genetics and range expansions](#)
- [The dichotomous history of diffusion](#)

How Everything Works

- [Why does combining red, green, and blue light create white light?](#)
- [Does removing two tubes in a four-tube fluorescent fixture save energy?](#)
- [How can I describe a polymer to a group of 4th grade students?](#)

Periodic Table

H	Periodic Table																He
Li	Be											B	C	N	O	F	Ne

Physics News Update

- [GREAT RED SPOT NOT AS GREAT](#)

Physical Review Focus -

- [Landmarks: Powerful Pictures](#)
- [Squirting Water without a Gun](#)
- [Mix Master Magnets](#)

physics updates on arXiv.org

- [Cation composition effects on oxide conductivity in the Zr₂Y₂O₇-3Nb₂O₇ system. \(arXiv:0907.4235v1 \[physics.chem-ph\]\)](#)
- [Pressure-gradient-induced Alfvén eigenmodes: 2. Kinetic excitation with ion temperature gradient. \(arXiv:0907.4224v1 \[physics.plasm-ph\]\)](#)
- [Pressure-gradient-induced Alfvén eigenmodes: 1. Ideal MHD and finite ion Larmor radius effects. \(arXiv:0907.4223v1 \[physics.plasm-ph\]\)](#)

Institute of Physics News

New Journal of Physics latest papers

- [Microwave response of superconducting pnictides: extended scenario](#)
- [Momentum dependence of pseudo-gap and superconducting gap in variation theory](#)
- [Variational ground states of the two-dimensional Hubbard model](#)

Welcome to the Web 3.0

One Portal to Library and Internet Resources: User-centered

<http://www.netvibes.com/ujlibscience>

The screenshot displays a web portal interface. At the top, a banner features a row of colorful books with the text "UJ Sciences Librarian Resources" overlaid. Below the banner, a navigation bar includes a "General" tab and a breadcrumb trail: "Applied Maths and Mathematics (33) Edit". The main content area is titled "MathSciNet Database" and features the American Mathematical Society logo and the text "MathSciNet Mathematical Reviews on the Web". Navigation tabs include "Publications", "Authors", "Journals", "Author Citations", and "Journal Citations". A search section titled "Search Terms" contains four input fields with dropdown menus: "Author", "Title", "MSC Primary", and "Anywhere". Each field is followed by an "and" dropdown menu. Below the search fields are "Search" and "Clear" buttons. A secondary navigation bar at the bottom left shows "PB Applied Maths & Mathematics Subject Portal" and "UJ Sciences Librarian Portal". A "VIEW" and "EDIT" menu is visible, and the main heading is "Applied Mathematics and Mathematics". At the bottom, it indicates "last edited by Pavlinka Kovatcheva 1 wk ago" and includes a "Page history" link.

Traditional meets Virtual - Web 2.0: Conclusion

So My crystal ball says.....

- The traditional librarian will live a long life, but change will arrive sooner or later.
- The technology will continue to develop (from Web 2.0 into 3.0) and have impact on libraries, academia, research and life in general.
- The Librarians have to find balance between the two worlds and discover the best way to provide users with current and relevant services & information.
- The South African librarian need to cater for a diverse group of users: from disadvantage learners to highly qualified researchers and thus adapt its services to suit all groups
- You don't need to be young or have a special skills to implement *Blogs; Wikis; Instant Messaging, Social Bookmarking; Social Networking, etc.*

Metamorphosis? Definitely YES!

Traditional + Virtual + 2.0 Librarian +..... = Comprehensive Librarian!

THANK YOU

Pavlinka Kovatcheva, University of Johannesburg, APK, LIC

Tel.: 011 559-2621; E-mail: pkovatcheva@uj.ac.za

UJ Sciences Librarian Portal

<http://ujsciencelibrarian.pbworks.com/>

TRADITIONAL "HAPPY" LIBRARIAN



TRADITIONAL & VIRTUAL LIBRARIAN

