Mendeley – a referencing tool for Web 3.0

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Outline

1. Mendeley – what’s in a name?
2. What is Mendeley?
3. Accessing Mendeley
4. Essential Mendeley applications
5. Benefits of Mendeley for students and lecturers
6. Experiment HES4801 - Research project
7. Questions
“...an interesting experiment in social networking for researchers” by Rebecca Hedreen

Source: http://disedlibrarian.edublogs.org/2010/03/11/mendeley/
New possibilities

• It is now the era of being connected!
• South Africa’s experiencing a revolution in research - its the dawn of research networking
• Mendeley is a Web 3.0 referencing tool
• It allows for seamlessly interaction with your research world as you would in your social world
• Mendeley effect = “poetry in motion”
Mendeley - what’s in a name?

Mendeley is deduced from a combination of the chemist Dmitri Ivanovich Mendeleyev who developed the periodic table of elements, and biologist Gregor Mendel, who is often called the "father of modern genetics".

Why is this so significant?

Mendeley enables you to trace how ideas and academic theories evolve and cross-pollinate each other just as Gregor Mendel studied the inheritance of traits in plants.

Mendeley will help you discover new literature based on the known elements in your library just as Dmitri Mendeleyev formed the periodic table based on the properties of known elements and then used this data to predict the properties of elements yet to be discovered.
What is Mendeley?

Based in London, Mendeley are 30+ researchers, graduates and software developers from...

...backed by co-founders and former executives of:

Supported by:
What is Mendeley? (cont.)

- Research management, writing & collaboration tool
- Reference data is entered or imported into a Mendeley account
- Gather, store & share citation & full-text information
- Create your own database of information to use when writing a thesis / paper / article
- Generate bibliographies / list of references
Mendeley: Unique features

• Mendeley mobile

• Automatically back up & synchronize across desktop / web / mobile

• Install on unlimited number of computers - seamlessly access home/office/campus

• Mark items ’As Read’ or ’As Favourites’
Mendeley Institutional Edition

- Analytics of Unisa readership & publication data
- Comparison of Unisa readership & publication stats
- "Impact" measurement of publications
- Comparison of publication "impact"
- Institutional profiles on Mendeley
- Group activities amongst institution members
- Upload a library’s citation style
- Link to OpenUrl resolvers
Mendeley Web / Desktop combination

- Mendeley is a complex combination of two interfaces! Web and Desktop
- The Mendeley Web and Desktop applications helps you manage, share & discover both content & contacts in research.
- Store Once – Access Anywhere 24/7: synchronise your Mendeley desktop library with the Mendley cloud / web storage and access the same information everywhere.
- Mobility - easily use it on lots of different computers and software platforms without compatibility problems.
Accessing Mendeley (free)

http://www.mendeley.com

Click on sign in

Enter your Mendeley login details

Read more about Mendeley

Opportunity to sign in via Facebook

Mendeley Sign up – create a Mendeley account
Dashboard view in Mendeley

Display tabs each with functionality features

Dashboard Defaults to Dashboard view when you login to your account

Account name displayed

Activity Feed - displays items / papers as added – record of activity on your Mendeley account

Edit your Mendeley profile
Invite people to become part of your groups or access your folder.

Functionality and manipulation tools:
- Add, delete & remove documents
- Create folders & groups

View items in My Library

View groups

Lists all items added to Mendeley under All Documents

Option given to view the document in Mendeley Desktop.
Mendeley Desktop

**Functionality and manipulation tools**

**Search facility**

**All documents pane** – all documents in your Mendeley account listed

**My Library pane**

**Filter pane** – browsing capabilities

**View a specific item record in document pane**
3 Essential Mendeley application downloads

1. The Mendeley Desktop application (version 1.6)
   http://www.mendeley.com/download-mendeley-desktop

2. The Mendeley Web Importer
   = allows you to import references and documents from a wide range of academic databases and websites

3. Plug-in for Word/LibreOffice Writer
   = allows you to add In-text Citations & References to Your Word Document
Downloading Mendeley Desktop application

Mobile options for Mendeley Desktop

Allows for Mendeley Desktop to be downloaded
Mendeley apps...

Excellent advice and support via the Mendeley Blog

7 ways to add documents to Mendeley

21 March 2011 by William

We want to make it as easy as possible to get your documents into Mendeley so you can get on with your work. To that end, we have developed a number of ways to add documents to Mendeley. You can now add documents via Desktop and Web in 7 different ways. With so many options, there’s a method to suit any workflow.

Tags: features, ipad, iphone, research catalog, sync, tips, watch folder, web importer

Posted in Tips&Tricks
The Mendeley Web Importer

Web Importer resides on your Favourites / Bookmarks on Browser

Web Importer displays all the items you have exported in a new window
Plugins for Word/LibreOffice Writer

Mendeley “Cite-O-Matic”

Install Mendeley Plug-in for Word

Cite-O-Matic appears under References tab in Word

Can import existing BibTex, RIS and EndNote libraries
How to cite using Mendeley

Select the documents/s for citing in Mendeley Desktop

Select Insert Citation

Select Send Citation to Word Processor

In Word place cursor where citation should appear

Citation will appear where cursor was placed
How to create a bibliography

First insert a citation

Select Insert

Bibliography

Decide on an output style e.g. APA

Bibliography will appear – citation and reference highlighted
Benefits of Mendeley for students and lecturers

• Ease of adding items to Mendeley
• Crowd sourced catalogue – improved discoverability
• Allows annotations – allows for notes and highlighting of PDF’s
• Social networking – chatting / private groups
• Collaboration – establish research groups Join public groups and find researchers in similar disciplines – research opportunities
• Online presence – profile
Ease of adding items to Mendeley

- Web Importer - Import from the open web e.g. Google Scholar and databases e.g. IEEE
- Importing PDFs (drag and drop)
- Importing files from online databases in *ris format
- Manually entering references
- Capturing web page data
- Importing information from RSS Feeds
- Converting from another bibliographic management program e.g. Endnote
Search the crowd-sourced Mendeley catalogue and adding papers to My Library.

Search the Mendeley crowd-sourced research catalogue.

Browse various disciplines in Mendeley for papers.
Mendeley allows for highlighting and annotations – making of notes on PDF’s.

- **Highlighting:** Highlight a section of the PDF document for future reference.
- **Annotations:** Add a note with a message/idea/remarks/suggestions.
- **Sending:** Send the annotated PDF to a specific person or group by email.
Share your highlights and annotations

The email will appear in email in-box notifying recipient

The item needs to be downloaded and added to recipient's Mendeley list in order to be able to view the PDF with annotations

Note: the personalized messages have dates for easy chronological referencing

The opened PDF document with highlights and annotations

Note the annotation alert
Social networking capabilities

Social networking – tagging, interaction and chat functions within private groups

Tagging and adding descriptors made possible as item is added to Mendeley during importing from Web

Opportunity given to edit tags and notes

Add notes to documents

Search facility to retrieve documents by tags
Social networking (cont.)

Documents can be added to folders and groups

Example of documents added to a group: HES4801
Collaboration capabilities

Collaboration – establish research groups
Join public groups

Groups you belong to will appear under My Groups

Actively search for groups with similar research interests

Browse for groups with similar research interests
Mendeley Web - Groups

Example of a group on Earth Sciences

Popular Tags are shown

Active members within the Earth Sciences group shown – collaboration possibilities

Sub-disciplines are identified

Other popular groups are listed
Mendeley Web Groups

Groups = simple way to collaborate with colleagues to create a shared collection of documents. Groups allow members to put together a list of papers & share notes.

- **Private groups** - visible only to members, who can share papers and notes.
- **Invite-only groups** - visible to the public, but each has an owner who administers the group. Any member can add documents.
- **Open groups** - Anyone can join and contribute - a great way to build community-driven collections of literature around a subject.
Mendeley Web Groups

• Groups allow you to collaborate with your contacts or with any member of the Mendeley community.

• In private groups, share and annotate a list of documents with your collaborators from right within your PDF organizer, instead of emailing notes and ideas back-and-forth.

• In public groups, create a reading list with your colleagues and make it accessible to anyone on the web. Interested people may subscribe to the list so they get notified of new additions.

• An activity feed on Mendeley Web and Mendeley Desktop, allowing you to keep up to date on new additions and discussions within the group.
Profile of Researcher / account holder is displayed

Contact the researcher either by adding as contact (invite sent) or writing an email message

Researcher’s publications are listed

Researcher's contacts listed
Online presence – profile

Creating an online presence with the Mendeley profile

Opportunity for CV showing:
• affiliation
• research field
• expertise
• publications
• contacts

Alfred Bimha, B.Com (Hons) in Banking, Msc in Banking and Financ

Lecturer, University of South Africa
Pretoria, South Africa

Research field: Business Administration - Banks and Banking
Corporate Sustainability, Risk Management, Bank performance and Climate Change.

Publications

- Conference Proceedings (1)
  http://library.wits.ac.za/pages/Pap...

Biographical Information

A Professional banker turned academic after 7 years of experience of bank practice in areas of retail banking, credit risk, corporate banking, relationship banking.

Experience has been gained through working for Commercial banks and development banks. The incumbent has done extensive training in credit risk management, investment appraisal, risk analysis and financial and economic modelling.

Currently the main areas of research focus on integrating sustainability and ethics into banking activities.
Experiment HES4801 Research project

Example of utilizing Mendeley in an signature course assignment – embracing new technologies

Learning Units for week 14-18 = Research Project

Visit the Announcements area to find any new announcements posted.

Add your views regarding my questions posed in the Discussions area for week 18.

Add your reflection on week 18 in your Blog.

Elna van Niekerk
15 August 2012
**Assignment – Research project for Week 14-18**

**Outcomes**

After completing this project you should understand:
- the Unisa Library service
- how to conduct searches on the Library databases
- how to compile a bibliography
- what plagiarism is
- how to write a summary/essay

**Activities**

Use the initial information collected by reading your textbook to guide your search on the Library databases. The information placed in the Additional resources area under the Unisa Library Information folder will help you to research your chosen topic further.

Use the information collected and compile a Bibliography of the relevant OER’s found. Use the Library information to correctly compile a bibliography in Mendeley.

**Topic**

To choose your individual topic for the research project, you have to indicate your NAME and Student number next to your chosen topic on the table provided in the Wiki. Make sure you choose a topic not chosen by a classmate already. Only one person may choose a specific topic. Click on the Wiki link and follow the instructions.

**Blog:**

Submit your Reflection of Week 14 in your Blog.

**Drop Box:**

You may place your draft summary in your Drop Box by the end of the week just to show me that you are making progress. This is your choice and not compulsory.
Unisa Library Information

Example of how assignment is submitted – via the MyUnisa Drop Box
1.2 Advantages of Bioremediation

There are many factors that can negatively impact the environment, such as the contamination of land and water by toxic substances. Bioremediation is a process that uses microorganisms to break down these contaminants and restore the environment to its original state. This can be achieved by introducing microorganisms into the site, thereby avoiding the need for complex and costly site work.

(Harder, 2004).

2. REFERENCES


2.3 E. Harder, 2004. The Effects of Essential Elements on Bioremediation.

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The Research Rubric used to score the assignment. Lecturer assigns a mark to Research project and additionally each student peer-reviews their fellow students ...
The punch line…

Fundamentally, **Mendeley is a bibliographic database**, which functions like other reference management tools e.g. Refworks and EndNote.

However, Mendeley includes **value-added features** like **collaboration** aspects and the **discoverability potentials** of papers and public groups which highlight **research trends** both within your library and your field as a whole. It helps you build an **on-line presence** = becoming e-visible!
Using Mendeley in the research process is embracing new Web 3.0 technologies!
Any questions?
Mendeley
Tutorials & Help

- Quick start guide always available via the 'Help' menu.
- Support [http://support.mendeley.com](http://support.mendeley.com)
- FAQ: [http://www.mendeley.com/faq](http://www.mendeley.com/faq)
- Join the Mendeley blog: [http://blog.mendeley.com](http://blog.mendeley.com)
References