Open educational resources

using e-resources to support African scholarship

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- Online learning management system
- Moodle open source software
- Copyrighted and open resources
- Repository for electronic resources – Learning Resources Repository (LRR)
Openness

- Open source
  - software where the source code is available for modification

- Open standards
  - Specifications
  - De facto standards

- Open access
  - access to resources made available without fees or cost
Copyrighted resources (all rights reserved) which require permission for educational use

- Creative Commons Licenses
- Public Domain
Degrees of openness

- Public domain
- Creative Commons
- Copyright
- No rights reserved
- Some rights reserved
- All rights reserved
Degrees of openness

Public domain

No rights reserved

Creative Commons

Some rights reserved

Copyright

All rights reserved
South Africa: Copyright Act 98 of 1978 (as amended)

Protects literary and artistic works

Copyright subsists in a work for 50 years from the end of the year in which the work was made available.

Owen Dean, Handbook of South African Copyright Law
Licences for use

- South African Music Right Organisation (SAMRO)
- The Dramatic, Artistic and Literary Rights Organisation (DALRO)
  - Production of plays
  - Visuals for powerpoints
  - Chapters from books for distribution
  - Commercially produced music
Online UKZN copyright application workflow

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COPYRIGHT APPLICATION

BIBLIOGRAPHIC DETAILS

Authors:

Full Title of Book/Journal:

Type: Book

If periodical, provide vol. no and year:

Author and Title of Chapter/article to be copied/web address:
(for periodicals only)
Degrees of openness

- Public domain
- No rights reserved
- Creative Commons
- Some rights reserved
- Copyright
- All rights reserved
Public Domain

- No rights reserved
- Outside the Copyright Act No 98 of 1978
- Resources > 50 years
Newspapers in the public domain

NEW AGE
WAVE OF ANGER AT VERWOERD METHODS
Will To Fight Strengthened

ALEXANDRA BUILDS ITS OWN SCHOOL

UNITED TOBACCO SACKS 700 WORKERS
Great Hardship to Families

INDIAN OPINION
ASIA FINDS HERSELF

..."All over Asia we are passing through trials and tribulations. In India also you will see conflict and trouble. Let us not be disheartened by this; this is inevitable in an age of mighty transition. There is a new vitality and powerful creative impulses in all the peoples of Asia. The masses are awake and they demand their heritage. Strong winds are blowing all over Asia. Let us not be afraid of them for only with their help can we build the new Asia of our dreams. Let us have faith in these great new forces, and the dream which is taking shape. Let us, above all, have faith in the human spirit which Asia has symbolised for these long ages past."

- M. RAMASAMY NEDU
Degrees of openness

Public domain

Creative Commons

Some rights reserved

Copyright

No rights reserved

All rights reserved
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http://creativecommons.org

About

Our vision is nothing less than realizing the full potential of the Internet — universal access to research and education, full participation in culture — to drive a new era of development, growth, and productivity.

Why CC?

The idea of universal access to research, education, and culture is made possible by the Internet, but our legal and social systems don’t always allow that idea to be realized. Copyright was created long before the emergence of the Internet, and can make it hard to legally perform actions we take for granted on the network: copy, paste, edit source, and post to the Web. The default setting of copyright law requires all of these actions to have explicit permission, granted in advance, whether you’re an artist, teacher, scientist, librarian, policymaker, or just a regular user. To achieve the vision of universal access, someone needed to provide a free, public, and standardized infrastructure that creates a balance between the reality of the Internet and the reality of copyright laws. That someone is Creative Commons.

Our mission

Creative Commons develops, supports, and stewards legal and technical infrastructure that maximizes digital creativity, sharing, and innovation.

What we provide
Creative Commons Licences

- Retain copyright
  - Allow others to copy/distribute
    - Attribution/Credit

- License specifies
  - Use/re-use
  - Modify

- Options:
  - Public domain, Attribution,
  - Share-alike, non-commercial...

- Non-commercial purposes
Attribution-NonCommercial-ShareAlike 2.0 South Africa

You are free:
• to copy, distribute, display, and perform the work
• to make derivative works

Under the following conditions:

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Noncommercial. You may not use this work for commercial purposes.

Share Alike. If you alter, transform, or build upon this work, you may distribute the resulting work only under a license identical to this one.

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Any of these conditions can be waived if you get permission from the copyright holder.
Your fair use and other rights are in no way affected by the above.
Open access resources to support learning and teaching

- Open journals
- Institutional repositories
- Conference proceedings
- Online newspapers
Welcome To AJOL!

African Journals OnLine (AJOL) is the world's largest and pre-eminent collection of peer-reviewed, African-published scholarly journals.

Historically, scholarly information has flowed from North to South and from West to East. It has also been difficult for African researchers to access the work of other African academics.

In partnership with hundreds of journals from all over the continent, AJOL works to change this, so that African-origin research output is available to Africans and to the rest of the world.

AJOL is a Non-Profit Organisation based in South Africa.

More about AJOL and the challenges we work to address

Use AJOL To:

Browse peer-reviewed journals from Africa

Hosted By AJOL:

Journals: 414
Open educational resources (OER) are digital materials that can be re-used for teaching, learning, research and more, made available for free through open licenses, which allow uses of the materials that would not be easily permitted under copyright alone.
Open educational resources is educational content shared under an open licence whether it is part of a course or not

- Digital resources
- Content creation and sharing
- Re-used for teaching, learning and research
- Made available for free using open licences
- Flexibilty not provided by copyright licence
OER Commons
http://www.oercommons.org/
Find Free-to-Use Teaching and Learning Content from Around the World

Learning is Sharing

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From K-12 to College Courses

Recommended Resources

Open Textbooks: Add your review to these free and open textbooks
Career and Technical Education: Explore these vocational open educational resources to build general skills with software programs like MS Word and Excel, plan your career, and develop marketable skills.
Classroom Management: Try this great selection for setting the tone and rules for your classroom and intentionally designing classroom life connected to student learning, social skills, and behaviors.
Science as Inquiry: Teach and learn science by doing active exploration and problem posing.
Art as Inquiry: Delve into visualization, creative thinking, and more artistic habits of the mind for arts-integrated learning across disciplines.

Leadership in Education: Advance the practice of being a leader, decision maker, and

New Bookmark Button
Add resources from any website!
Right-click on this button to add to your favorites. When you find an OER resource on the web, click that link to submit.

OER Commons Tweets
Design ed solutions w/o #oer champions at

OER Commons is a project of ISKME

Browse Now

Like 634 +67 46
What are Open Educational Resources

Overview
- What are Open Educational Resources?
- Why OER? Stakeholders and benefits
- Overview and General Guidance
- Finding OERs
- OER Myths
- Glossary

Management
- Management (overview)
- Approaches & Models
- Quality considerations
Sharing and exchange

- Music
- Video
- Photos
- Clip art
- E-books
Open educational tools

- Blogs
- Wikis
- Graphic organisers
  - Freemind
- Social media tools
Explore / Creative Commons

Many Flickr users have chosen to offer their work under a Creative Commons license, and you can browse or search through content under each type of license.

Here are some recently added bits and pieces:

- Attribution License
  - > 29,517,113 photos (See more)
  - Attribution-NoDerivs License
    - > 10,443,198 photos (See more)
  - Attribution-NonCommercial-NoDerivs License

“Creative Commons is a non-profit that offers an alternative to full copyright.”

creativecommons.org
OCW refers to courses created by universities and shared freely with the world via the internet in a virtual learning environment.

- MIT Open CourseWare – October 2002
- Uptake in China and Japan
- Other US Universities

- Peer-reviewed
- Revised
- Updated
MIT – Massachusetts Institute of Technology

Help millions reach their potential.
Color Processing

requires some knowledge of how we see colors

Fig. 1.1. A drawing of a section through the human eye with a schematic enlargement of the retina.

25 August 2011 © 1999-2011 by Richard Alan Peters II
Access to Knowledge in Africa: The Role of Copyright

This book will help educators identifying challenges for learning materials access posed by copyright laws in Africa. Some solutions as to how to overcome these challenges are provided.

The emergence of the Internet and the digital world has changed the way people access, produce and share information and knowledge. Yet people in Africa face challenges in accessing scholarly publications, journals and learning materials in general. At the heart of these challenges, and solutions to them, is copyright, the branch of Intellectual property rights that covers written and related works.

This book gives the reader an understanding of the legal and practical issues posed by copyright for access to learning materials in Africa, and identifies the relevant lessons, best policies and best practices that would broaden and deepen this access. This book is based on the work of the African Copyright and Access to Knowledge (AC2KX) research network, launched in late 2007 as a network of researchers committed to probing the relationship between copyright and learning materials access in eight African countries: Egypt, Ghana, Kenya, Morocco, Mozambique, Senegal, South Africa and Uganda.
ACCESS TO KNOWLEDGE IN AFRICA
THE ROLE OF COPYRIGHT

EDITORS: C ARMSTRONG, J DE BEER, D KAWOYA,
A PRABHALA, T SCHONWETTER
“.... any educational resources openly available for educators and students, without an accompanying need to pay royalties or licence fees....” OER Africa website

- UKZN
  - Course materials
  - Streaming videos
  - Podcasts
  - Music
Open Educational Resources (OER) for Africa

OER Africa provides you access to all the information you will need to learn about and benefit from Open Educational Resources (OER). If you are just discovering OER, we provide an excellent starting point for finding OER, learning about the benefits of sharing. You can view and download learning materials from our collection of resources. We also provide links to several other repositories.

OER Themes

OER Africa currently focuses on the supporting and developing OER in these thematic areas: Agriculture OER, Health OER, Foundation OER and Teacher Education OER. To find out more about each thematic area, how to participate and view/download resources click on links below.
Open access, OER and OCW

Open access learning, teaching and educational resources
Why use OER

- Re-use
- Re-mix
- Re-create

- Facilitates democritisation of knowledge
- Changes in education
- Foster innovation
- Supports open education
- Global environment – harvest globally, grow locally
Challenges

- Validity
- Reliability
- Currentness
- Suitability
- Usability

- Calls for discernment
- Appraisal

- Lack of strong evidence on the benefits
- Can track downloads etc
- Difficult to assess their impact
User advocacy

- Engage academic community
- Create awareness
  - Global open access week 24-30 October 2011
- Training
- User support
Conclusions

- Teaching and Learning support in new areas of academic enterprise:
  - Changing the way course content is created
  - Using open licensed materials
  - Add CC licences to your own course material
  - Make them available as OER