

OPEN RESEARCH AND OPEN EDUCATION EXAMPLES FROM THE ROER4D PROJECT

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IDRC Grant/ Subvention du CRDI: 107311-001-Research into Open Educational Resources for Development



ROER4D

Research on Open Educational Resources for Development

/rɔːfəˈdiː/ - ROAR-for-DEE

Open research and open education Examples from the ROER4D project

Cheryl Hodgkinson-Williams & Sukaina Walji

Open Con 2017, Cape Town, 25 October 2017

www.slideshare.net/ROER4D/



IDRC  CRDI



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Open Science

Open Research

Open Access

Open Data

Open Education

Open Educational
Practices

Open Educational
Resources

Open Data as OER

Open Science

Open Science is a
“movement to
make scientific
research and data
accessible to all”
(UNESCO)¹

Open Education

Open Education is a
movement to make
education
accessible to all
(See Cape Town Open
Education Declaration)²

Open Research

ROER4D Bibliography - Spreadsheet

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Author/s	Year	Full citation	Link	Link Checked	Accessible No paywall	Language of publication	Global North or Global South	Region
Abelson (2008)	2008	Abelson, H. (2008). The creation of OpenCourseWare at MIT. <i>Journal of Science Education and Technology</i> , 17(2), 164–174. Retrieved from https://link.springer.com/article/10.1007/s10956-007-9080-8#page-1	https://link.springer.com/article/10.1007/s10956-007-9080-8#page-1	17/07/2017 EH	No	English	Global North	North America
Abelson & Lang (2008)	2008	Abelson, H. & Lang, P. (2008). MIT's strategy for educational technology innovation, 1999–2003. <i>Proceedings of the IEEE</i> , 96(8), 1012–1034. Piscataway, NJ: Institute of Electrical and Electronics Engineers. Retrieved from http://space.mit.edu/handle/1721.1/49886	http://space.mit.edu/handle/1721.1/49886	27/06/2017 EH	Yes	English	Global North	North America
Abeyswardena (2013)	2013	Abeyswardena, I. S. (2013). Development of OER-based undergraduate technology course material: "TDC242/95 Web Database Application" delivered using OER at Wawasan Open University. In G. Dharmarajan & D. Porter (Eds.), <i>Open Education Resources: An Asian Perspective</i> (pp. 175–188). Vancouver: Commonwealth of Learning & OER Asia. Retrieved from https://www.oer.org/resources/open-educational-resources-asian-perspective	https://www.oer.org/resources/open-educational-resources-asian-perspective	17/07/2017 EH	Yes	English	Global South	South East Asia
Abeyswardena (2015)	2015	Abeyswardena, I. S. (2015). <i>Faceted search of Open Educational Resources using the Desirability Index</i> . Ph.D Thesis. Kuala Lumpur: University of Malaya. Retrieved from http://duketnetrep.um.edu.my/60871/1/6_Thesis_a_isrchecked_print_ready_3.pdf	http://duketnetrep.um.edu.my/60871/1/6_Thesis_a_isrchecked_print_ready_3.pdf	17/07/2017 EH	Yes	English	Global South	South East Asia

ROER4D Open Bibliography on Open Education³ (1442 items (23 Oct 2017) recommended to and used by Global OER Graduate Network



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Home » Vol 18, No 4 (2017) » Goodier

Tracking the Money for Open Educational Resources in South African basic Education: What We Don't Know
Sarah Goodier

Abstract

Limited research has been done to date on the extent of public funding of Open Educational Resources (OER) within basic education (K-12 equivalent) in South Africa. As claims have been made about the potential cost reductions that come with using OER, this study aimed to establish a benchmark of public spending on educational resources, uncover how much is being spent on OER and assess cost-savings of OER adoption.

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Chapter 7

Tracking the money for Open Educational Resources in South African basic education: What we don't know¹

Sarah Goodier

Summary

This study aims to develop an understanding of government funding allocated to educational resources in basic education in South Africa. Linked to claims about potential cost savings associated with using Open Educational Resources (OER),



Open Data

South Africa - Research into Social and Cultural Acceptability of Open Educational Resources in South Africa 2015, ROER4D Sub-project 4

	Reference ID	zaf-roer4d-rscaorsa-2015-v1.1	Created on	Oct 08, 2015
	Year	2015	Last modified	Sep 09, 2016
	Country	South Africa	Page views	5324
	Producer(s)	Research on Open Educational Resources for Development (ROER4D) - University of Cape Town	Downloads	559
	Sponsor(s)	International Development Research Centre - IDRC - Funder		
	Collection(s)	Research on Open Educational Resources for Development Project		
	Metadata	Documentation in PDF		

Documentation | Study Description | Data Description |  Get Microdata

Documentation

Download the questionnaires, technical documents and reports that describe the survey process and the key results for this study.

Questionnaires

 ROER4D [SP4] survey instrument	 184.59 KB
 ROER4D [SP4] interview schedule	 124.53 KB



Questionnaire adapted and translated into Spanish by a professor in Universidad Nacional Mayor de San Marcos in Lima, Peru

Open Educational Practices (OEP)

Creating MOOCs with and as OER led to:

Awareness and skills developed in structuring content and assessment for diverse audiences

Reassessment of teaching practices in general, including community formation online and integration with face-to-face teaching

Understanding Clinical Research: Behind the Statistics



Education for All: Disability, Diversity and Inclusion



Medicine and the Arts: Humanising Healthcare



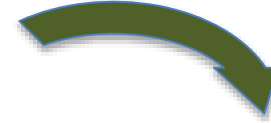
What is a Mind?



University of Cape Town, 2016

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Open Educational Resources (OER)



OER created by teachers in Karnataka in Kannada and English languages as part of Teacher Professional Development

Process of creating and sharing OER openly in a repository led to other OER projects into two other Indian states

The screenshot shows the homepage of the Karnataka Open Educational Resources (KOER) portal. The page has a purple header with a map of Karnataka on the left and a 'Log in' link on the right. Below the header, there are navigation tabs for 'Main page', 'Discussion', 'Read', 'View source', and 'View history', along with a search bar. The main content area features a purple banner with the text 'Welcome to Karnataka Open Educational Resources'. Below this, there is a paragraph in English describing the KOER portal as a collaborative resource creation platform for teachers in Karnataka. A small Kannada text box above the main content reads 'ಕನ್ನಡದಲ್ಲಿ ನೋಡಿ' (View in Kannada). The left sidebar contains a list of links: Home Page, About us, Help, ಕನ್ನಡ KOER, Subject Portals (Art, English, Hindi, Digital literacy, Mathematics, Science, Social Science), Thematic Portals, Courses, and Community.

Home Page
About us
Help
ಕನ್ನಡ KOER

▼ **Subject Portals**
Art
English
Hindi हिन्दी
Digital literacy
Mathematics
Science
Social Science

► **Thematic Portals**

► **Courses**

► **Community**

Log in

Main page Discussion Read View source View history Search

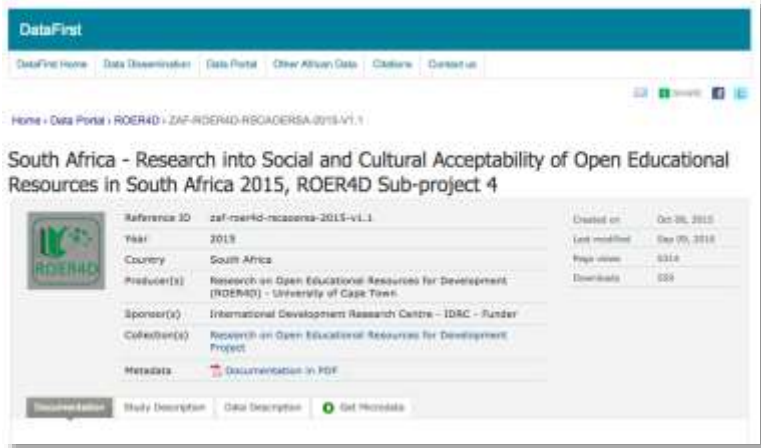
ಕನ್ನಡದಲ್ಲಿ ನೋಡಿ

Welcome to Karnataka Open Educational Resources

The Karnataka Open Educational Resources (KOER) portal is an OER repository with collaborative resource creation by the teachers, of the teachers and for the teachers from Karnataka. The portal seeks to bring together teachers, students, schools and institutions in Karnataka to share their experiences and resources. The KOER is also available in [Kannada](#).

KOER began as an initiative to publish all the resources being shared by the teachers in the [Subject Teacher Forum](#) mailing lists. All content created and uploaded on KOER is licensed as OER using the CC BY SA Creative Commons license. KOER is a collaborative platform maintained by IT for Change, curating resources shared by teachers on mailing lists, resources shared by other organizations as well as from the world wide web to make a resource repository relevant to the teachers of the state.

Open Data as OER




DataFirst

DataFirst Home | Data Dissemination | Data Portal | Other African Data | Catalogue | Contact us

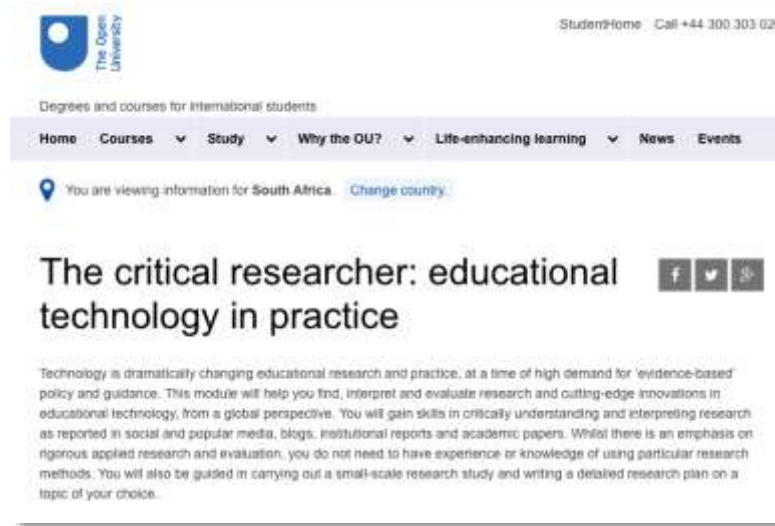
Home | Data Portal | ROER4D | ZAF-ROER4D-ROGAOERSA-0015-V1.1


South Africa - Research into Social and Cultural Acceptability of Open Educational Resources in South Africa 2015, ROER4D Sub-project 4

	Reference ID zaf-roer4d-rogaotersa-2015-v1.1	Created on Oct 06, 2015
Year 2015		Last modified Oct 06, 2015
Country South Africa		Page views 3318
Producer(s) Research on Open Educational Resources for Development (ROER4D) - University of Cape Town		Downloads 228
Sponsor(s) International Development Research Centre - IDRC - Funder		
Co-funder(s) Research on Open Educational Resources for Development Project		
Metadata Documentation in PDF		

[Download dataset](#) | [Study Description](#) | [Data Description](#) | [Get Metadata](#)


ROER4D Open Data and research instruments used as part of Masters' course at the Open University, UK






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The critical researcher: educational technology in practice

Technology is dramatically changing educational research and practice, at a time of high demand for 'evidence-based' policy and guidance. This module will help you find, interpret and evaluate research and cutting-edge innovations in educational technology, from a global perspective. You will gain skills in critically understanding and interpreting research as reported in social and popular media, blogs, institutional reports and academic papers. Whilst there is an emphasis on rigorous applied research and evaluation, you do not need to have experience or knowledge of using particular research methods. You will also be guided in carrying out a small-scale research study and writing a detailed research plan on a topic of your choice.

Open Science

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Practices

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Evidence

Open Education

Open Educational Practices

Open Educational Resources

Open Data as OER

Our slides are open:)



Centre for Innovation in Learning and Teaching. Open Education Session, presented at OpenCon Cape Town, University of Cape Town, 25 October 2017.