

PKP

PUBLIC
KNOWLEDGE
PROJECT

The Open Journal System

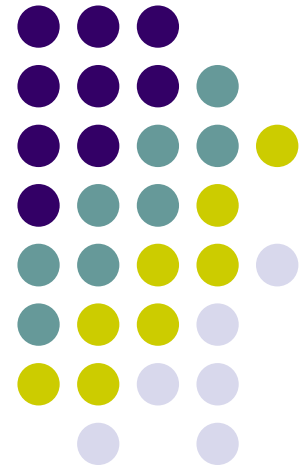
*Towards a Journal's Economic Sustainability,
While Increasing Access to Knowledge*

Samuel Smith Esseh

Public Knowledge Project, University of British Columbia

OPEN ACCESS LEADERSHIP SUMMIT

Gaborone, Botswana
November 20-21, 2007



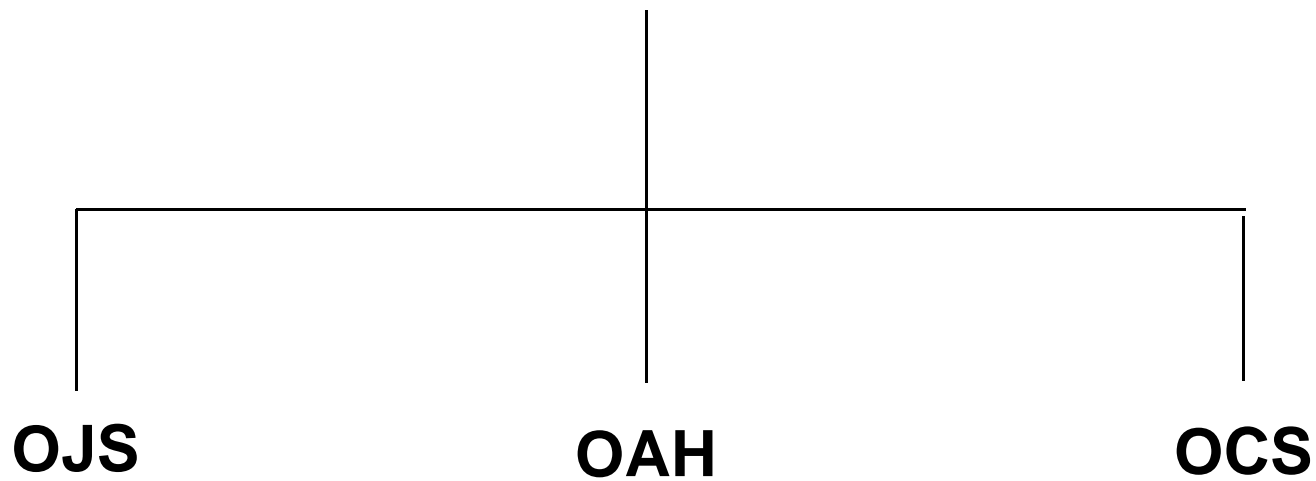


PKP

OJS

OAH

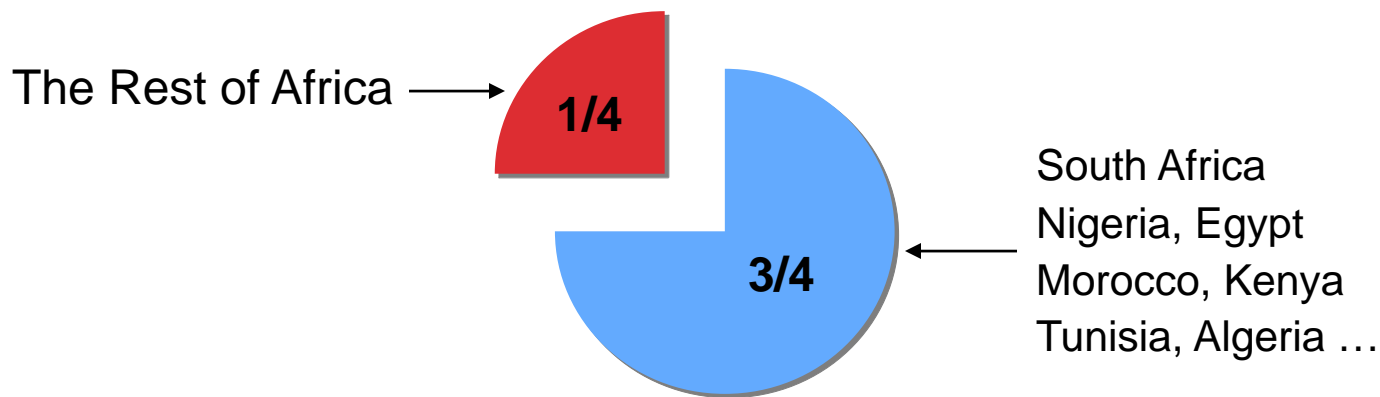
OCS



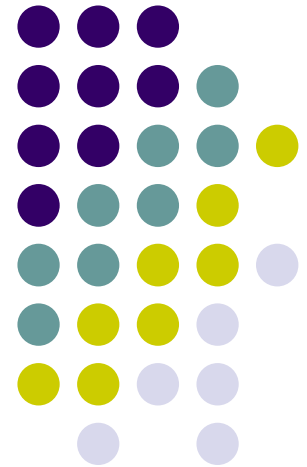
Current State of Scholarly Publishing

The capacity to **create**, **produce** and **disseminate** scholarship in Africa has for the past 5-10 years consistently decreased.

The capacity to research and produce scholarship in Africa is concentrated in a few countries



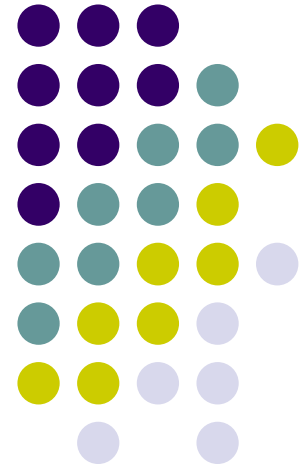
Scientific production in Africa



Current State of Scholarly Publishing

Circulation numbers for African scholarly Journals

- ❑ True scholarly journals usually having a circulation of less than 500, usually in the order of 100-200
- ❑ Only one journal had more than 400 external subscribers
- ❑ The rest of the journals had a maximum circulation of 50 or even less



Current State of Scholarly Publishing

World Share in Publication / R&D expenditure

Table 1	World share in publications		World share in R&D expenditure	
	1990	2000	1990	2000
North America	41.6%	36.7%	38.2%	37.2%
EU-25	34.0%	40.2%	24.9%	23.1%
Asia	14.5%	21.1%	23.0%	30.5%
LAC	1.7%	3.2%	2.8%	2.9%
Africa	1.4%	1.4%	1.3%	0.8%
Oceania	2.8%	3.3%	1.0%	1.1%

Source: UNESCO (2004). A decade of investment in research and development (R&D): 1990-2000, *UIS Bullentin on Science and Technology Statistics, Issue No.4 April*



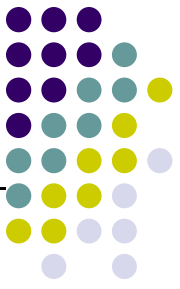
Observation:

From the above one can point to the fact that African scholarly works are **poorly distributed**, **barely marketed** and **hardly accessed**

The African scientists do not have access to all the scientific literature they need to enable science to progress as **efficiently** and **effectively** as possible

Are we able to close the Knowledge gap between the North and the South?

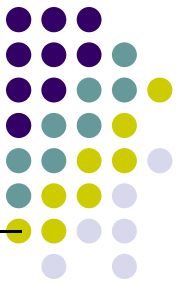
The Open Journal System



OJS is an online system developed to

- a. Setup new Online Journal (BOOKS) or upload existing Print journal online
- b. OJS was designed to facilitate the development of open access, peer-reviewed publishing,
- c. providing the technical infrastructure not only for the online presentation of journal articles,
- d. but also an entire editorial management workflow, including article submission, multiple rounds of peer-review, and indexing.

Open Journal System - Functions



- e. Is designed to be downloaded at no cost, installed locally and locally controlled
- f. Allows editors to configure editorial requirements, sections, review process



Step 2: The Author

Authors are able to register and submit items to the journal directly through the journal's web site.

Register

Fill in this form to register with this journal.
[Click here](#) if you are already registered with this or another journal on this site.

Profile

Username*
The username must contain only lowercase letters, numbers, and hyphens/underscores.

Password*
The password must be at least 6 characters.

Repeat password*

First name*

Middle name

Last name*

Initials Joan Alice Smith - JAS

Affiliation

Email*

URI

Step 4: The Section Editor

Having received responsibility for a new submission, the Section Editor assigns it to one or more reviewers and manages the Review and Editing process.

Section Editors

Select Section Editor

First name contains Search

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

NAME	JOURNAL SECTIONS	COMPLETED	ACTIVE	ACTION
PATRICK IVOLIS	ART	10	5	ASSIGN
TOM T. JONES	REV	1	0	ASSIGN
JEAN-JACQUES ROUSSEAU	--	0	1	ASSIGN
JOHN WELLSLEY	--	1	5	ASSIGN

1 - 4 of 4 items

Figure 14: Assigning a section editor

Step 4: The Section Editor

Having received responsibility for a new submission, the Section Editor assigns it to one or more reviewers and manages the Review and Editing process.

Peer Review Round 1 [SELECT REVIEWER](#) [ASSETS, CHECKS & PREVIOUS ROUNDS](#)

Reviewer A Paul Ashton [CANCEL REVIEW REQUEST](#)

Schedule REQUEST UNDERWAY DUE ACKNOWLEDGE
 2009-11-07 2009-11-07 2009-12-12 [X]

Recommendation Revisions Required 2009-11-07
 No Comments

Uploaded files None

Rate Reviewer Rating [5 High] [OK] [Flag]

Reviewer B Anderson Batista [CANCEL REVIEW REQUEST](#)

Schedule REQUEST UNDERWAY DUE ACKNOWLEDGE
 2009-11-07 [X] -- 2009-12-12 [X]

Editor To Enter ACCEPTANCE upload review [Browse] [Upload]
 RECOMMENDATION

Reviewer C Eduardo Blucher [CLEAR REQUESTS](#)

Schedule REQUEST UNDERWAY DUE ACKNOWLEDGE
 [X] -- 2009-01-02 [X]

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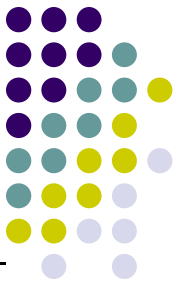
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 [X] -- 2009-01-02 [X]



Journals using Open Journal System

Today, over 1,000 journals are now using **Open Journal Systems (OJS)**.

Of these:

99% are academic

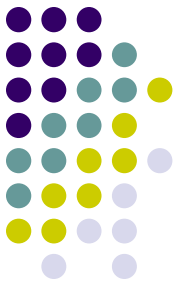
49% are fully open access

40% are delayed open access

NOT ONE JOURNAL USING OJS was found to be entirely subscription-bound

and ...

... in Africa



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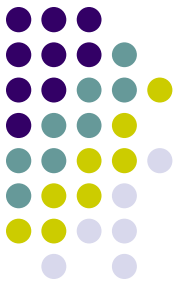
Google™

Search

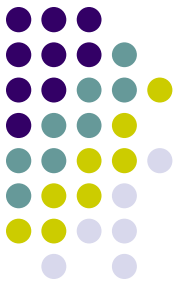
AJOL is using OJS to make available to the world over 260 journals

The Economic & Quality Sustainability of Journals

Using online Publishing System
(OJS, E-publishing Toolkit, Hyper Journal etc)



ECONOMICS OF ONLINE SYSTEMS	
Online Management	Journals can now be managed and published online with open source (free) software that offers <i>economic</i> and <i>quality</i> advantages for scholarly communication.
Online Publication	
Open Access	



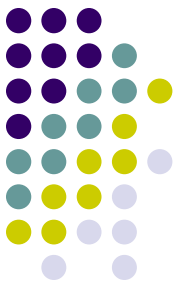
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ONLINE MANAGEMENT

Economic Advantage

1. Provides and manages website for editorial and **publishing processes**, while reducing need for editorial office.
2. Reduces clerical costs of handling submissions, subscriptions, correspondence, filing, photocopying, etc.
3. Authors do not need to print, photocopy, and mail papers.

Quality Advantage



The Economic & Quality Sustainability of Journals

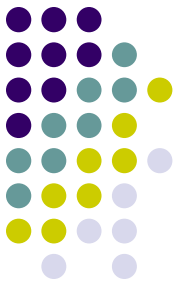
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Quality Advantage

1. Improves administration and **record-keeping**, while reducing processing time (e.g. OJS)
2. Enables editors, reviewers, and authors from anywhere to work together.
3. Enables editors to spend more time helping authors by reducing their management time with the journal.



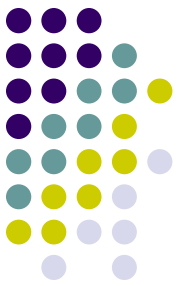
The Economic & Quality Sustainability of Journals

ONLINE PUBLISHING

Economic Advantage

1. Journal is immediately available to subscribers and readers anywhere with no distribution, mailing, handling costs.
2. Can be used with or without print edition, enabling low cost start up of new journals.
3. One important advantage is that it makes the growth of both new and existing journals much easier
4. No cost in offering free subscriptions or sample issues.

Quality Advantage



The Economic & Quality Sustainability of Journals

ONLINE PUBLISHING

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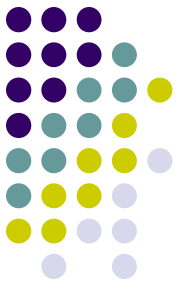
Quality Advantage

1. Immediate full-text indexing with Google, Google Scholar, Yahoo, etc. leading to increased readership and citations.¹
2. Google Scholar citation indexing from first issue, assists in gaining a listing with commercial indexes (ISI, etc).
3. Supports reference linking, as well as additional reading tools that can search related databases.
4. Ability to include data sets and supplementary materials.

Notes

1. *Assessing the Impact of Open Access: Preliminary Findings from Oxford University Press*

(http://www.oxfordjournals.org/news/oa_report.pdf)



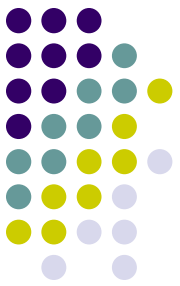
The Economic & Quality Sustainability of Journals

OPEN ACCESS

Economic Advantage

1. Able to work with traditional economic models through a variety of different approaches (later slide).
2. Improved reputation (next slide) can enhance other economic models (subscriptions, ads, etc.).

Quality Advantage



The Economic & Quality Sustainability of Journals

OPEN ACCESS

Economic Advantage

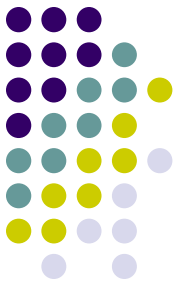
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2. Improved reputation (see below) can enhance other economic models (subscriptions, ads, etc.).

Quality Advantage

1. Further increases readership and submissions to journal, with citations going up 25-250% depending on the field and journal.¹
2. The increased citation improves reputation and thus qualification for commercial indexing (e.g., ISI).
3. Provides greater public, professional, and educational contribution.
4. Maximizes critical scrutiny and appreciation of work, as well as global establishment of intellectual property claim.

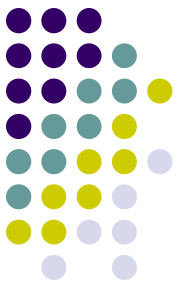
Note

1. *The Effect of Open Access and Downloads ('Hits') on Citation Impact: a Bibliography of Studies* (<http://opcit.eprints.org/oacitation-biblio.html>).



The Economic & Quality Sustainability of Journals

OPEN ACCESS	
OA TYPES	<p>A more open approach to knowledge online (e.g., open biology, open data, Creative Commons) has led to different types of sustainable Open Access for journals.</p>
Archival OA	
Delayed OA	
Online OA	
Development OA	
Hybrid OA	
Complete OA	



The Economic & Quality Sustainability of Journals

OPEN ACCESS	
Archival OA*	Permit authors to archive pre-/postprint in institutional repository or own website.
Delayed OA*	Provide free access 6-12 months after subscriber access to print/online edition.
Online OA*	Provide free access to online edition, with subscriptions retained for print edition.
Development OA*	Provide free access to institutions and individuals in developing nations.
Hybrid OA*	Enable authors or institutions to purchase open access for specific articles.
Complete OA	Offer immediate access without restrictions, using article fees and grants.

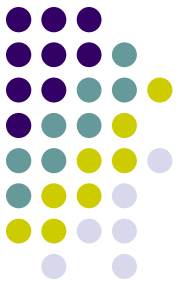
* OA with journal subscriptions (evidence to date shows no affect on subscription sales).



The Economic & Quality Sustainability of Journals

What it all adds up to...

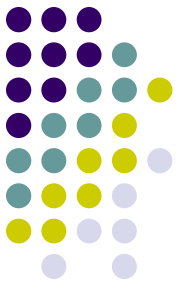




The Economic & Quality Sustainability of Journals

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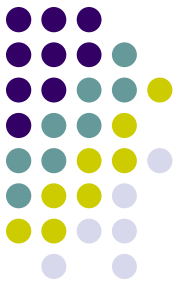




The Economic & Quality Sustainability of Journals

What it all adds up to...





Thank you for listening