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# Creating Article-Level Metadata for African Print-Only Serials

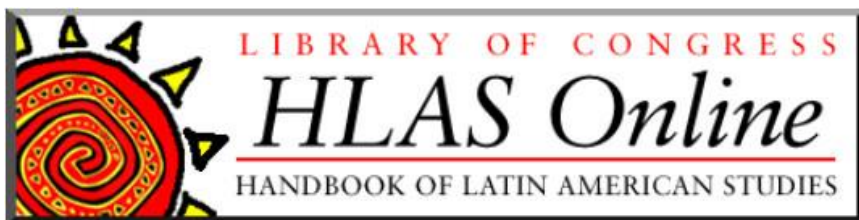


# Background

- Importance:
  - Wealth of local data-rich case studies (i.e. Oshogbo)
  - Under-utilized
  - Publish or perish landscape
  - Publication industry less robust than in West
- Expedient need:
  - Space constraints
  - Lowered budgets
  - Conservation concerns
- Long term value and academic support:
  - Increase access on-site and off-site
  - 2017 MSU study

# Predecessors

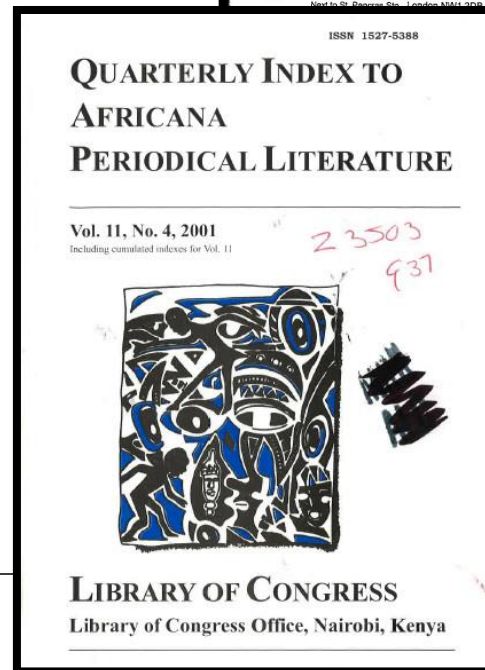
- **LAPTOC** (Latin American Periodicals ToC); archived at Vanderbilt; today managed by CRL under LAARP
- **SALTOC** (South Asia ToC); hosted by NYU, under umbrella of CONSALD. LC Jakarta is an active participant
- **Quarterly Index to Africana Periodical Literature**; LC Nairobi from 2001-2011
- **Handbook of Latin American Literature**; LC; began 1934



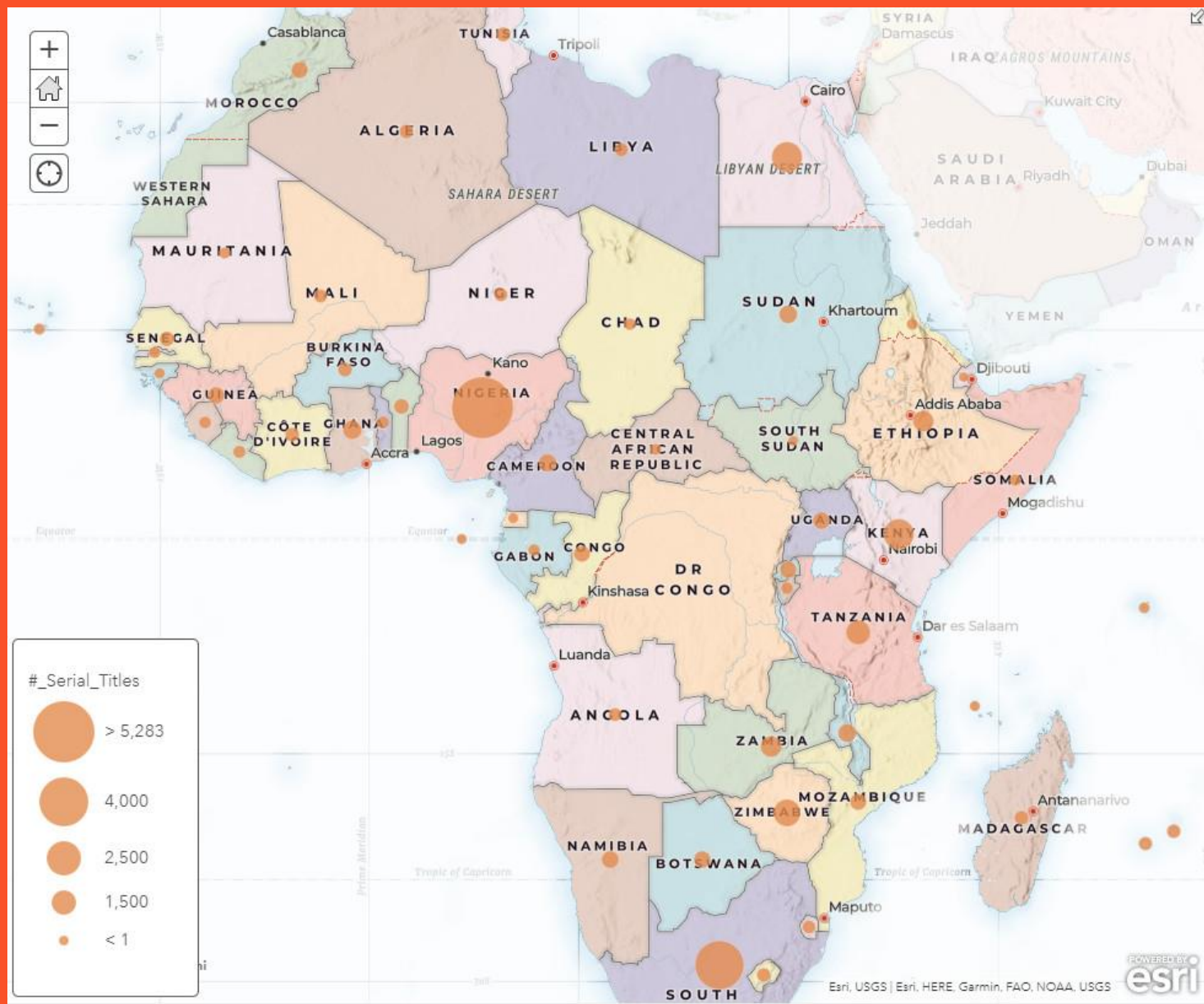
SALToC Project  
Title: Ekata  
Imprint: Toronto (Toronto): Ekata Prakāśana  
OCLC: 9157018  
Volume 28, Number 110, April 2006  
ToC Supplied by: University of Pennsylvania Libraries

|  |   |                              |
|--|---|------------------------------|
| कार्यकारी संपादक : विनायक दा. गोखले<br>संपादक : अरुण जाधव<br>- संपादक मंडळ -<br>वीनियस माटे - कार्यकारी मंडळ -<br>सौ. प्रतीका गोखले सौ. नीता धामेकर<br>सदाशिव व. सौ. सौधा धामेकर<br>डॉ. खसीनाथ धामेकर<br>संपादन-सहाय्यार : विठ्ठलदा अकलूकर | वैद्य, शके १९२८ / एप्रिल २००६<br>मूल्य : पाच डॉलर्स | वर्ष : २८ वे<br>अंक : ११० वा |
| या अंकात   |   |                              |
| ज्ञानपीठ-पुरस्कार-विभूषित विदा   | विठ्ठलदा अकलूकर                                     | ४                            |
| आस्था  | स्वाता पीठ  | ६                            |
| वै का रंजले गांजले   | मुमुदिने जीमडेकर                                    | ७                            |
| हार्थ्याने   | मिनिमि रामडे  | १०                           |
| एक शब्दाची बाई   | मीना पंडारी   | ११                           |
| विनायकी दिशे, लांबी करे !  | अनिक भेरे   | ११                           |
| विनाय  | 'संनिय मोहिते'                                      | ११                           |
| आदर्शज्यो व शब्दांजली  | हेमंत वि. कुडकर                                     | २०                           |
| काव्यशास्त्रविश्लेष (लेखक : ३८)  | ना. पा. दाखर  | २१                           |
| होविकाकांचे ... स्वा. सावरकर   | डॉ. पित्रव दवडे                                     | २३                           |
| विठ्ठल (लेखक : २०)   | गळे / जाधव  | २७                           |
| काव्यलेखी ज. ३९  | सुधा मेखडेकर  | २८                           |
| समस्यामूर्ति (लेखी ज. ४६)  | जयशर / अकलूकर                                       | ३०                           |
| When in Rome   | सुधा खडकीकर   | ३३                           |
| नागसेव   | माधुरी बाढ  | ३४                           |
| काग  | गिरीश प. शानभाग                                     | ३९                           |
| मोडिअरपा   | सुधीर व. कुलकर्णी                                   | ४०                           |
| त्रिवेदा   | लल अंबाकर   | ४३                           |
| समय कुलकर्णी   | प्रतिम कदमकर  | ४८                           |
| अंद दुसरा मजल का संगमकर...   | सौ. मनिषा सु. पंडित                                 | ५९                           |
| पुरस्क परिसर   |   | ५९                           |
| मुळकी मणजे काय?  | अप्य मुळकी  | ५९                           |
| माधवभाषा प्रतिष्ठित  |   | ५९                           |
| काविता   |   |                              |
| भरवा   | सुधा मेखडेकर  | ६                            |
| अविनायका   | मीना गाढ  | २६                           |
| नासिक  | राजू कोणूर  | ३७                           |

मुद्रकृत : अरविंद मारडे, बर्नहिल, ON



# Full Scope



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# African Academic Journals Indexing Project

## Full Scope of Project

### By Country

- 54 total countries
- 24 former names
- 6 variant spellings

### By Title

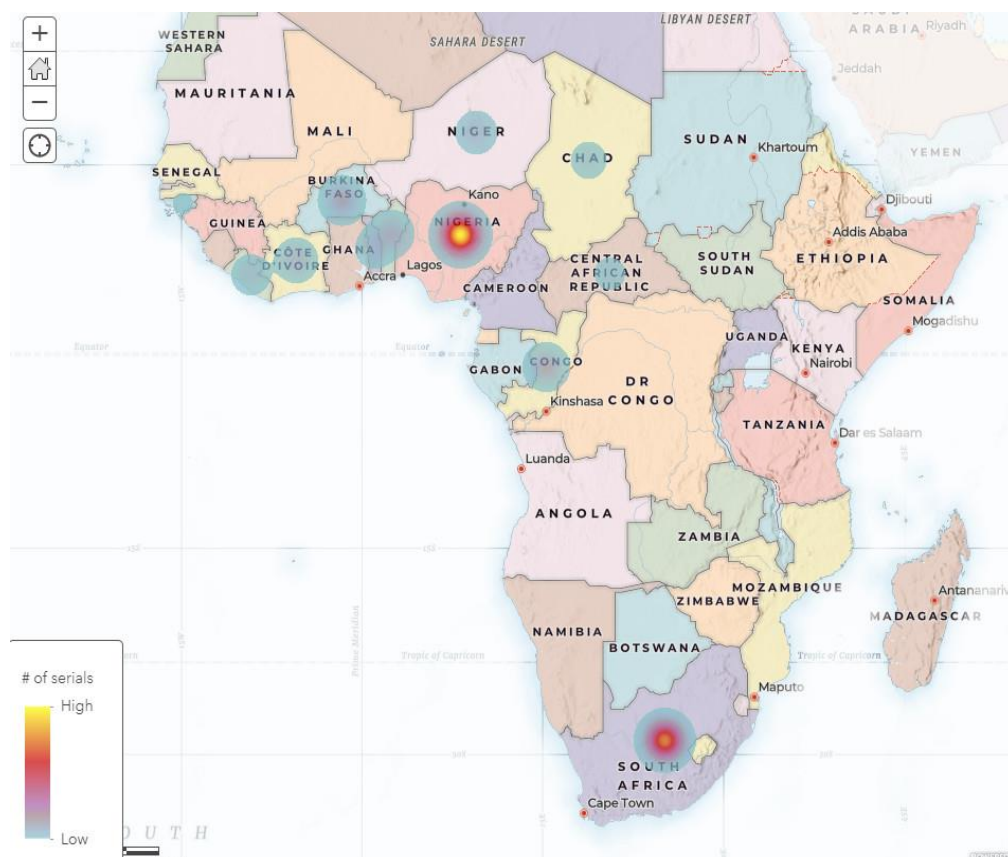
- 36,347 Unique Journal Titles
- Largest holdings:
  - Nigeria (5,283)
  - South Africa (3,985)
  - Egypt (2,124)
  - Kenya (2,117)

# African Print-Only Serials

## Full Scope of Project—How to Winnow

Looking only at the scope through the lens of what we collect in DC and take out anything collected by the overseas offices

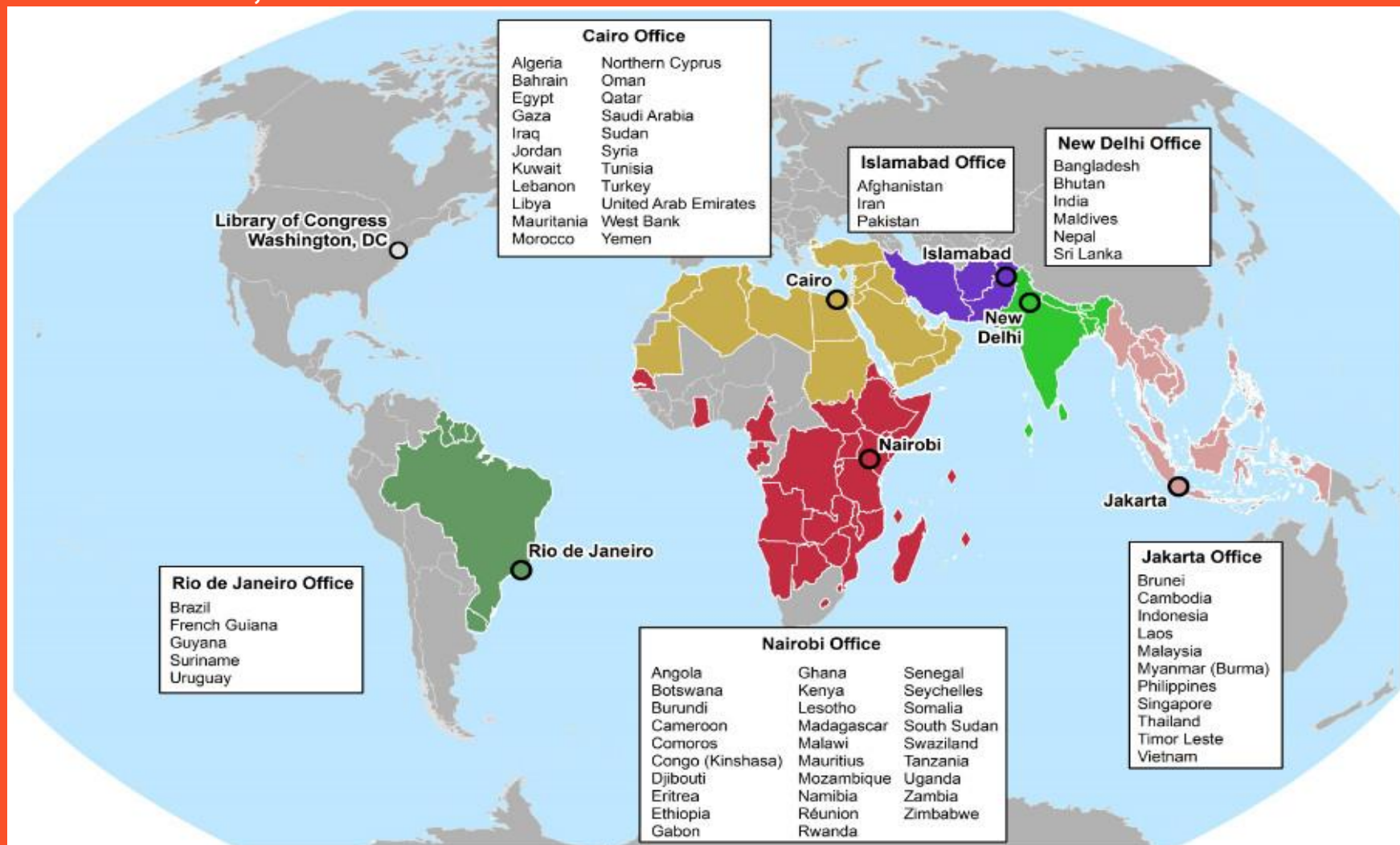
- From 36,347 to 13,287 unique titles
- From 54 to 15 countries





# African Print-Only Serials

For Reference, LC Overseas Offices



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# African Print-Only Serials

Once the scope was set

## 1. Conversations with partner institutions

- Michigan State University – West Africa
- Boston University – Fill in for Nigeria and East Africa
- University of California-Berkeley – Fill in for West Africa

## 2. How to organize for efficiency

- Working by class



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# Decision: Nigerian Education Journals

**Bound Volumes  
In Section:  
197**

**Bound Volumes  
To be Pulled:  
553**

**Total 'L'  
Volumes:  
750**

# Decision: Nigerian Education Journals

Importance of dividing by volume, in 2 examples:

Journal of Advocacy and  
Rehabilitation in Special Education

Journal of Education, Health and  
Technology Research (JEHTR)



1 Issue

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# Statistical tracking issues

## Of the first round of journals pulled:

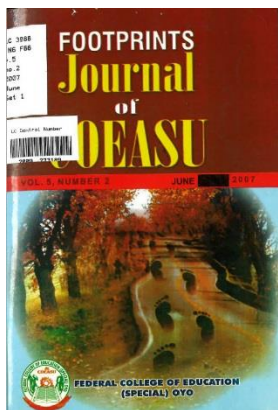
~20 titles contained 4 or more issues  
per title

~100 titles contained between 1 and 3  
issues per title

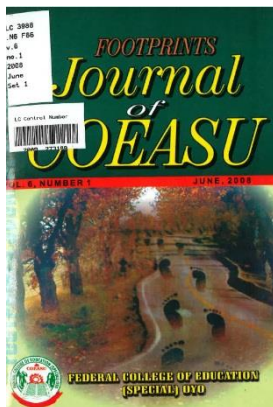
## Other issues:

\* Irregularity

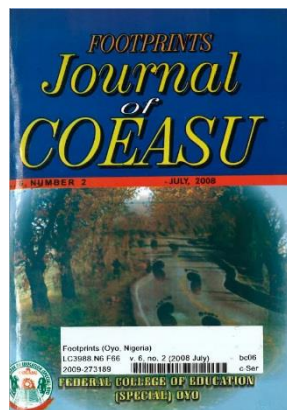
\* Tracking titles part of the pilot



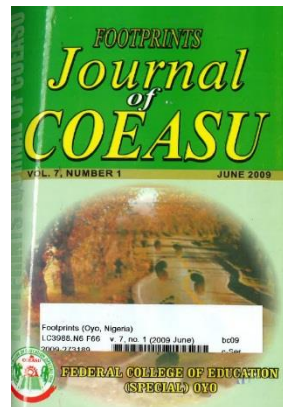
Vol. 5 No. 2



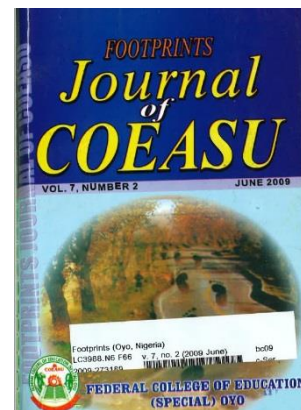
Vol. 6 No. 1



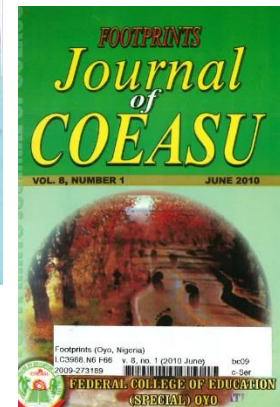
Vol. 6 No. 2



Vol. 7 no. 1

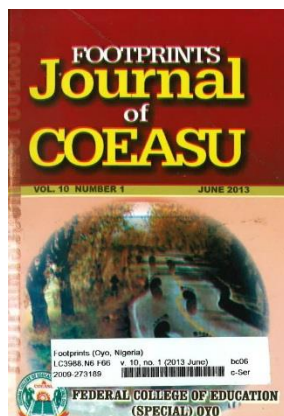
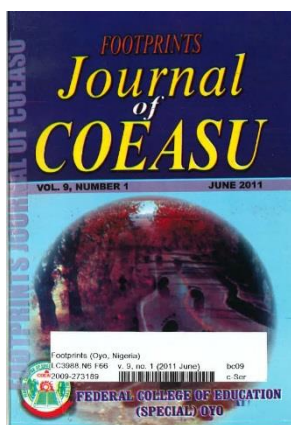


Vol. 7 No. 2



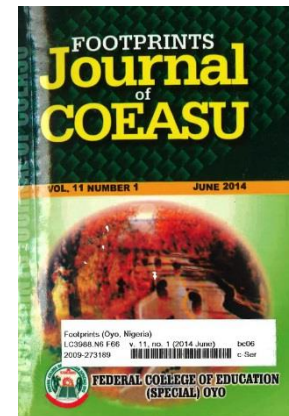
Vol. 8 No. 1

Vol. 9 No. 1

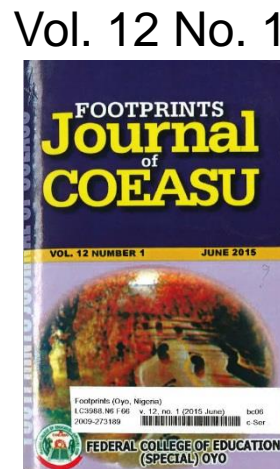


Vol. 10 No. 1

**Irregularity  
Example**



Vol. 11 No. 1



Vol. 12 No. 1



# Tracking solution

MARC System History

☐ Suppress from OPAC

Leader 01331cas a2200313 a 4500 006

005: 20180720163512.0 007

008 060126 c 1999 9999 nr\_ f x \_ p \_ \_ \_ \_ 0

| Tag | I1 | I2 | Subfield Data  |
|-----|----|----|--|
| 010 |    |    | \$a 2006201478   |
| 012 |    |    | \$a -3-7-1303133118-p----  |
| 022 |    |    | \$a 1595-4218 \$l 1595-4218  |
| 035 |    |    | \$a (OCoLC)ocm57694209   |
| 040 |    |    | \$a NN \$b eng \$c NN \$d OCoLC \$d DLC \$d OCoLC  |
| 042 |    |    | \$a pcc  |
| 043 |    |    | \$a f-nr---  |
| 050 | 0  | 0  | \$a LA1630 \$b .J67983   |
| 245 | 0  | 0  | \$a Journal of educational focus : \$b a journal of the Institute of Education, Olabisi Onabanjo University, Ago-Iwoye, Nigeria.   |
| 260 |    |    | \$a Yaba, Lagos, Nigeria : \$b African Cultural Institute  |
| 300 |    |    | \$a v. : \$b ill. ; \$c 25 cm.   |
| 310 |    |    | \$a Two issues per year  |
| 362 | 1  |    | \$a Began in 1999.   |
| 588 |    |    | \$a Description based on: Vol. 4 (2003).   |
| 650 | 0  |    | \$a Education \$z Nigeria \$v Periodicals.   |
| 710 | 2  |    | \$a Olabisi Onabanjo University. \$b Institute of Education.   |
| 710 | 2  |    | \$a Institut culturel africain.  |
| 850 |    |    | \$a DLC  |
| 906 |    |    | \$a 7 \$b cbc \$c serials \$d 2 \$e ncip \$f 20 \$g n-oclcserc   |
| 925 | 0  |    | \$a acquire \$b 1 shelf copy \$x policy default  |
| 955 |    |    | \$a mb18 01-26-2006 to SRD/CAT; \$i da36 2006-05-22 \$e da36 2006-05-22 to SerD \$a Barcode 00203782202 returned from bindery 2010-08-02 \$a Barcode 00203782202 returned from bindery 2010-08-02 \$a Barcode 00203782196 returned from bindery 2010-08-02 \$a bc22 2018-7-20 Africa ToC Project |

955 \$a mb18 01-26-2006 to SRD/CAT; \$i da36 2006-05-22 \$e da36 2006-05-22 to SerD \$a Barcode 00203782202 returned from bindery 2010-08-02 \$a Barcode 00203782202 returned from bindery 2010-08-02 \$a Barcode 00203782196 returned from bindery 2010-08-02 \$a bc22 2018-7-20 Africa ToC Project

\$a bc22 2018-7-20 Africa ToC Project

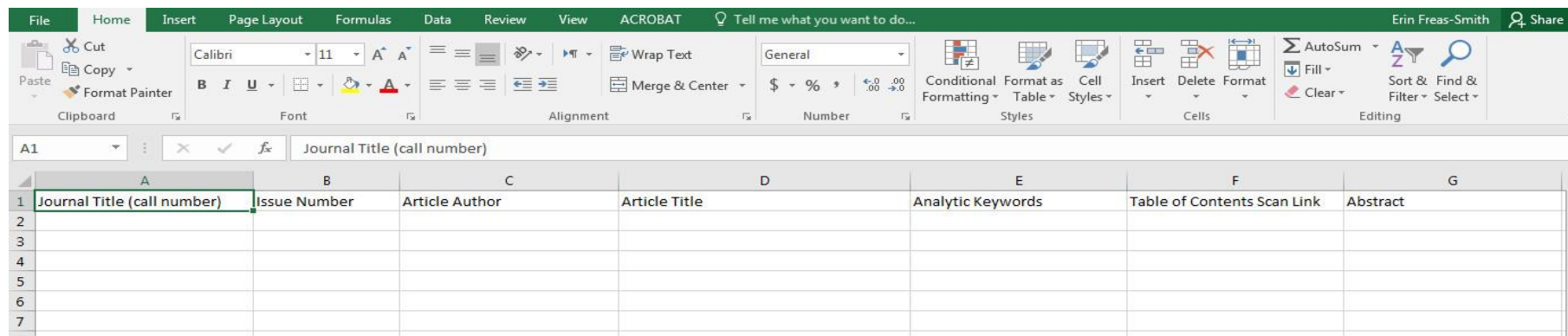
# Setting Interns Up For Success

## Work Space

- Resources needed: computer, access to the copier, book truck to transport journals, phone, email account
- Training needs: 1/2 day of hands on demonstration
- Promoted the importance of their role as a pilot project
  - Asked regularly for feedback on the mechanics of the project and solicited advice for the next group of interns
- Monthly meeting to re-group and address concerns

## Work Flow

- Allow for customization
  - Explained preferred organization (i.e. 1 folder per title with a new spreadsheet and the pdf scans)
- Acknowledged lack of regional and library expertise
  - At all times a Librarian with regional expertise was available by phone, email, or in person
  - Any questions that could not be answered would be highlighted in red on the spreadsheet to be addressed later
  - Can not assume basic cataloging knowledge (NAR standardization, etc)

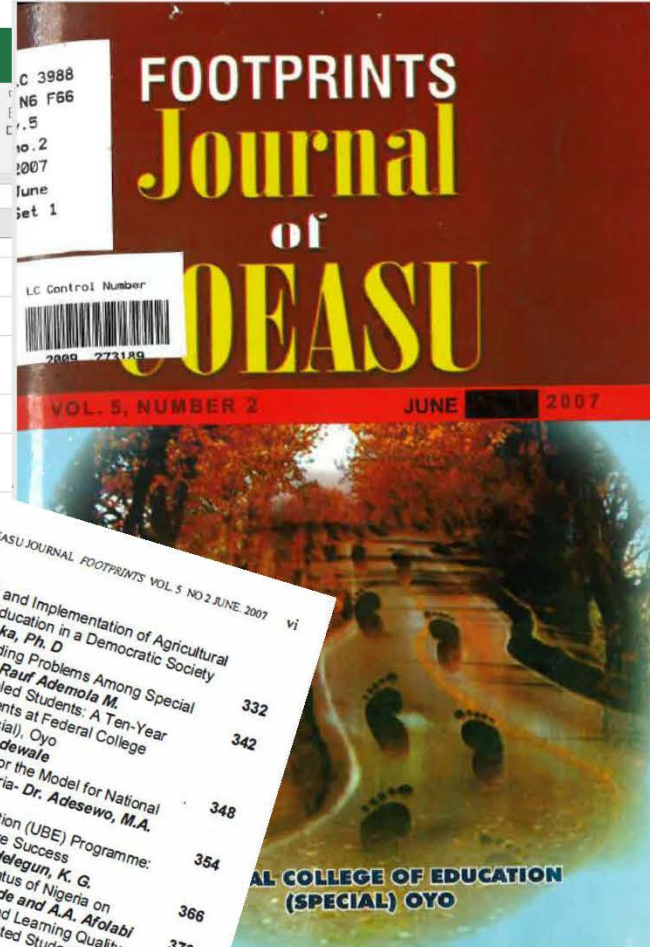


The screenshot shows a Microsoft Excel spreadsheet with the following columns: A (Journal Title (call number)), B (Issue Number), C (Article Author), D (Article Title), E (Analytic Keywords), F (Table of Contents Scan Link), and G (Abstract). The first row (row 1) contains the headers for these columns. The second row (row 2) is empty. The third row (row 3) is empty. The fourth row (row 4) is empty. The fifth row (row 5) is empty. The sixth row (row 6) is empty. The seventh row (row 7) is empty. The eighth row (row 8) is empty. The ninth row (row 9) is empty. The tenth row (row 10) is empty. The eleventh row (row 11) is empty. The twelfth row (row 12) is empty. The thirteenth row (row 13) is empty. The fourteenth row (row 14) is empty. The fifteenth row (row 15) is empty. The sixteenth row (row 16) is empty. The seventeenth row (row 17) is empty. The eighteenth row (row 18) is empty. The nineteenth row (row 19) is empty. The twentieth row (row 20) is empty. The twenty-first row (row 21) is empty. The twenty-second row (row 22) is empty. The twenty-third row (row 23) is empty. The twenty-fourth row (row 24) is empty. The twenty-fifth row (row 25) is empty. The twenty-sixth row (row 26) is empty. The twenty-seventh row (row 27) is empty. The twenty-eighth row (row 28) is empty. The twenty-ninth row (row 29) is empty. The thirtieth row (row 30) is empty. The thirty-first row (row 31) is empty. The thirty-second row (row 32) is empty. The thirty-third row (row 33) is empty. The thirty-fourth row (row 34) is empty. The thirty-fifth row (row 35) is empty. The thirty-sixth row (row 36) is empty. The thirty-seventh row (row 37) is empty. The thirty-eighth row (row 38) is empty. The thirty-ninth row (row 39) is empty. The fortieth row (row 40) is empty. The forty-first row (row 41) is empty. The forty-second row (row 42) is empty. The forty-third row (row 43) is empty. The forty-fourth row (row 44) is empty. The forty-fifth row (row 45) is empty. The forty-sixth row (row 46) is empty. The forty-seventh row (row 47) is empty. The forty-eighth row (row 48) is empty. The forty-ninth row (row 49) is empty. The fiftieth row (row 50) is empty. The fifty-first row (row 51) is empty. The fifty-second row (row 52) is empty. The fifty-third row (row 53) is empty. The fifty-fourth row (row 54) is empty. The fifty-fifth row (row 55) is empty. The fifty-sixth row (row 56) is empty. The fifty-seventh row (row 57) is empty. The fifty-eighth row (row 58) is empty. The fifty-ninth row (row 59) is empty. The sixtieth row (row 60) is empty. The sixty-first row (row 61) is empty. The sixty-second row (row 62) is empty. The sixty-third row (row 63) is empty. The sixty-fourth row (row 64) is empty. The sixty-fifth row (row 65) is empty. The sixty-sixth row (row 66) is empty. The sixty-seventh row (row 67) is empty. The sixty-eighth row (row 68) is empty. The sixty-ninth row (row 69) is empty. The seventieth row (row 70) is empty. The seventy-first row (row 71) is empty. The seventy-second row (row 72) is empty. The seventy-third row (row 73) is empty. The seventy-fourth row (row 74) is empty. The seventy-fifth row (row 75) is empty. The seventy-sixth row (row 76) is empty. The seventy-seventh row (row 77) is empty. The seventy-eighth row (row 78) is empty. The seventy-ninth row (row 79) is empty. The eightieth row (row 80) is empty. The eighty-first row (row 81) is empty. The eighty-second row (row 82) is empty. The eighty-third row (row 83) is empty. The eighty-fourth row (row 84) is empty. The eighty-fifth row (row 85) is empty. The eighty-sixth row (row 86) is empty. The eighty-seventh row (row 87) is empty. The eighty-eighth row (row 88) is empty. The eighty-ninth row (row 89) is empty. The ninetieth row (row 90) is empty. The ninety-first row (row 91) is empty. The ninety-second row (row 92) is empty. The ninety-third row (row 93) is empty. The ninety-fourth row (row 94) is empty. The ninety-fifth row (row 95) is empty. The ninety-sixth row (row 96) is empty. The ninety-seventh row (row 97) is empty. The ninety-eighth row (row 98) is empty. The ninety-ninth row (row 99) is empty. The hundredth row (row 100) is empty.



# Workflow

| Footprints--2009273189.xlsx - Excel   |                           |  |           |                    |
|---|---------------------------|--|-----------|--------------------|
| File Home Insert Page Layout Formulas Data Review View ACROBAT Tell me what you want to do... |                           |  |           |                    |
| Clipboard Font Alignment Number Styles  |                           |  |           |                    |
| A1 Issue number   |                           |  |           |                    |
| A   | B                         | C  | D         | E                  |
| Issue number  | Article Author            | Article Title  | Scan link | Abstract/Analytics |
| vol. 5, no. 2 June 2007   | Enwereonye, O.N.          | Aiding globalization through integrated science  |           |                    |
| vol. 5, no. 2 June 2007   | Kehinde, R. Adeola        | An explication of the copy theory of Chomsky's minimalist syntax   |           |                    |
| vol. 5, no. 2 June 2007   | Olaleye, Olufunke O.      | Teaching mathematics to the special child in a universal basic education (UBE) class: a collaborative approach |           |                    |
| vol. 5, no. 2 June 2007   | Dafwat, S.S.; Odiba, R.A. | Enhancing inclusive education through interdisciplinary approach   |           |                    |
| vol. 5, no. 2 June 2007   | Ayandele, F.T.            | Estimation of genetic parameter-body conformation trait-of broilers  |           |                    |
| vol. 5, no. 2 June 2007   | Ojogwu, P.N.              | The need for religious and   |           |                    |
| vol. 5, no. 2 June 2007   | Odebode, D.O.             | Preve concep   |           |                    |
| vol. 5, no. 2 June 2007   | Afolabi, Kunle            | Nurturir. Nigeria ti   |           |                    |
| vol. 5, no. 2 June 2007   | Bello, Rafiu Olasunkanmi  | Communica for agricultui   |           |                    |
| vol. 5, no. 2 June 2007   | Ogundele, A.A.            | Enrolment in education: a ca College of Educa  |           |                    |



# Master List

| <div> <div>FileHomeInsertPage LayoutFormulasDataReviewViewACROBATTell me what you want to do...</div> <div> <div> <div>CutCopyFormat Painter</div> <div>Clipboard</div> </div> <div> <div>Calibri11A<sup>+</sup>A<sup>-</sup></div> <div> <div>BIBU</div> <div>Font</div> </div> </div> <div> <div> <div>Wrap Text</div> <div>Alignment</div> </div> <div> <div>General</div> <div>Number</div> </div> </div> <div> <div> <div>Conditional Formatting</div> <div>Styles</div> </div> <div> <div>Format as Table</div> <div>Styles</div> </div> </div> <div> <div> <div>Cell Styles</div> <div>Cells</div> </div> <div> <div>InsertDeleteFormat</div> <div>Cells</div> </div> </div> <div> <div> <div>AutoSum</div> <div>Editing</div> </div> <div> <div>Sort &amp; Find &amp; Filter &gt; Select &gt;</div> </div> </div> <div>Erin Freas-SmithShare</div> </div> </div> |            |  |            |          |   |   |         |          |                           |
|--|------------|--|------------|----------|---|---|---------|----------|---------------------------|
|  | A          | B  | C          | D        | E   | F   | G       | H        | I                         |
| 1  | LCCN       | Title  | Frequency  | language | Publisher (with location)   | volumes   | ToC y/n | Scan y/n | Notes                     |
| 2  | 2010273551 | African international journal of educational administration policy | semiannual | english  | International Association of Educational Transformational Leaders, Uturu, Abia State, Nigeria                                     | vol. 1, no. 1 (2008)  | Y       | Y        |                           |
| 3  | 2001201597 |  | semiannual | english  | Dept. of Educational Management, University of Ibadan, Ibadan, Oyo State, Nigeria   | vol. 7, no. 2 (Dec 1999); vol. 8, no. 2 (Dec 2000); vol. 11, no. 2 (Jan 2008); vol. 13, no. 1 (Jan 2010); vol. 13, no. 2 (June 2010); vol. 14, no. 1 (Jan 2011); vol. 16, no. 1 (Jan 2014)  | Y       | Y        |                           |
| 4  | 2010213108 | African journal of historical sciences in education                | semiannual | english  | History of Education Society of Nigeria Secretariat, Dept. of Teacher Education, University of Ibadan, Ibadan, Oyo State, Nigeria | vol. 3, no. 2 (Nov 2007); vol. 7, no. 1 (Apr 2011); vol. 7, no. 2 (Dec 2011); vol. 8, no. 1 (Apr 2012); vol. 8, no. 2 (Nov 2012); vol. 8, no. 3 (Nov 2012); vol. 9, no. 1 (May 2013)  | Y       | Y        |                           |
| 5  | 2010273584 | Approaches in international journal of research development        | annual     | english  | West and Solomon Corporate Ideals Ltd. and National Association for Research Development, Nigeria                                 | vol. 1, no. 3 (Aug 2009); vol. 1, no. 4 (Aug 2009); vol. 2, no. 1 (Sept 2010); vol. 2, no. 2 (Sept 2010); vol. 4, no. 1 (Apr 2011); vol. 6, no. 1 (June 2012); vol. 7, no. 1 (Nov 2012); vol. 8, no. 1 (Apr 2014);  | Y       | Y        | At the foot of title page |
| 6  | 94643797   | Benin journal of educational studies                               | semiannual | english  | Institute of Education, University of Benin, Benin City, Edo State, Nigeria   | vol. 6, nos. 1 & 2 (Jan & July 1987); vol. 8, nos. 1 & 2 (Jan 1989 & July 1990); vol. 10, nos. 1 & 2 (Jan & July 1993/1994); vol. 11, nos. 1 & 2 (Jan & July 1998); vols. 12 & 13, nos. 1 & 2 (Jan & July 1999 & 2000); vols. 15 & 16, nos. 1 & 2 (Jan & July 2001 & 2002); vol. 17, nos. 1 & 2 (Jan & July 2003) | Y       | Y        |                           |
| 7  | 2007203884 | DELSU journal of educational research and development              | annual     | english  | Faculty of Education, Delta State University, Abraka, Delta State, Nigeria  | vol. 5, no. 1 (June 2006); vol. 6, no. 1 (June 2007); vol. 10, no. 1 (June 2010); vol. 13, no. 1 (June 2014); vol. 15, no. 1 (Nov 2016); vol. 16, no. 1 (May 2017)  | Y       | Y        |                           |
| 8  | 2006201599 | Educational forum  | annual     | english  | Faculty of Education, University of Maiduguri, Maiduguri, Borno State, Nigeria  | vol. 6 (2003); vol. 7 (2004); vol. 9, no. 1 (2006); vol. 11, no. 1 (2008)   | Y       | Y        |                           |
|  |            |  |            |          |   | vol. 5, no. 2 (June 2007); vol. 6, no. 1 (June 2008);   |         |          |                           |

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## Lessons Learned

- More movement for the interns proved to be better than scanning within their work stations
- Greater need to check work more often to avoid the arduous task of checking all work at the end
- Greater detail added to the intern guide
- Added benefits of the project
  - Fully cataloging journals without full records
  - Correcting egregious mistakes in a cost-effective manner

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# Next Steps

- Interns / Volunteers / NTEs needed for Summer 2019
- Greater collaboration- how to help other universities fill in our gaps?
- How to make data accessible now without a database?
  - ILS integration for ceased publications
  - Store data on MSU's database (not live)
- Research into other capture methods for universality and more secure back-up
  - Mandelay / ProCite / RefWorks / Zotero

# Questions?

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