



# *Enhancing InK with full text and engaging faculty*

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# Outline

- About SMU
- About SMU repository InK
- Successes
- Engagement
- Survey
- InK Statistics
- Beyond papers
- Conclusion



## About SMU

- Set up in 2000
- 7,108 full-time undergraduates
- 874 full-time and part-time postgraduates (of which 75 are PhD)
- 329 full-time faculty





## Objectives of InK

- To create visibility and raise the impact of the research output of SMU
- To provide organisation and access for the research output and institutional records
- To catalyse collaboration and sharing across disciplines, institutions and industry



## In the Workflow

- SMU has a in-house system to capture the research output of faculty
- Called Research Publications System (RPS)
- Library is the business owner
- Maintenance by SMU Integrated Information Technology Services (IITS)





# Workflow



Faculty /  
School  
Admin  
enter  
record for  
research  
publication

RPS



RPS feeds into  
Faculty CV



Weekly  
extract  
from RPS

Check  
metadata

Check for  
full text &  
copyright

Library



Batch  
upload  
into InK

InK

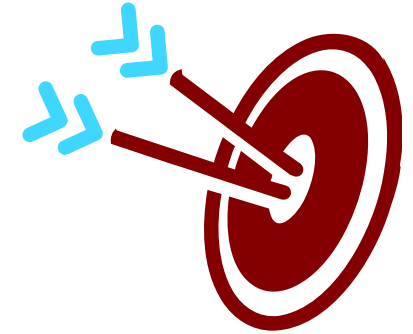




## In the beginning ...

- Started building the site August 2010 using Digital Commons platform
- Launched officially on 18 January 2011
- Total no of items ~ 8,000
- Total no of items with full text ~ 600 (7.5%)

# Work Plans



- Increase full text articles in InK
- Increase profiles in Faculty Gallery
- Change citation in InK to better reflect document type, focusing on journal articles



## Success # 1



- Using research librarians to ask faculty for their full text <sup>1</sup>
- In 2012 May to Dec, increased full text by 460 to have 1467 items with full text
- Research librarians continue to ask new and existing faculty

<sup>1</sup> Bell, S., N.F. Foster and S. Gibbons. 2005. Reference Librarians and the success of institutional repositories. *Reference Services Review*, 33 (3): 283-290. doi: 10.1108/00907320510611311

## Success # 2



- Vice-Provost for Research helped promote InK to faculty
- Faculty approached Library to upload his full text
- Added 20 full text items
- Increased his downloads in the next month
- Working with faculty to encourage his colleagues to upload their full text



## Success # 3



- Selected Works for faculty who want to
  - establish an intellectual profile
  - disseminate their research
  - control over profile <sup>2</sup>
- In 2012, **16** Selected Works
- In 2013, **31** Selected Works (93%)

<sup>2</sup> Bankier, Jean-Gabriel & Irene Perciali. 2008. The Institutional Repository Rediscovered: What Can a University Do for Open Access Publishing? *Serials Review* 34 (1) : 21-26. <http://dx.doi.org/10.1016/j.serrev.2007.12.003>.

## Faculty Gallery Page

Kyriakos Mouratidis is an Assistant Professor at the School of Information Systems at Singapore Management University (SMU). He received the B.Sc. degree from the Computer Science Department at Aristotle University of Thessaloniki (AUTH) in 2002, and the Ph.D. degree from the Department of Computer Science and Engineering at Hong Kong University of Science and Technology (HKUST) in 2006. His main research area is spatial and spatiotemporal databases, with a focus on continuous query processing, road network databases, and spatial optimization problems. He has also worked on preference-based queries, wireless broadcasting systems, and outsourced database authentication. He has published at and been involved in the programme committees of most major database conferences, including SIGMOD and ICDE. At SMU he teaches Data Management (IS202) and Advanced Data Management (IS410).

### Continuous Query Monitoring

[Link](#) **Efficient Evaluation of Continuous Text Search Queries** (with Hwee Hwa PANG), *IEEE Transactions on Knowledge and Data Engineering (TKDE)* (2010)

Consider a text filtering server that monitors a stream of incoming documents for a set...

[Link](#) **Continuous Monitoring of Spatial Queries in Wireless Broadcast Environments** (with Spiridon Bakiras and Dimitris Papadias), *IEEE Transactions on Mobile Computing (TMC)* (2009)

Wireless data broadcast is a promising technique for information dissemination that leverages the computational capabilities...

[Link](#) **An Incremental Threshold Method for Continuous Text Search Queries** (with Hwee Hwa PANG), *IEEE International Conference on Data Engineering (ICDE)* (2009)

A text filtering system monitors a stream of incoming documents, to identify those that match...

**Continuous Monitoring of Spatial Queries**, *Encyclopedia of Database Systems* (2009)

[PDF](#) **Continuous Medoid Queries over Moving Objects** (with Stavros Papadopoulos and Dimitris Sacharidis), *Research Collection School of Information Systems* (2007)

In the k-medoid problem, given a dataset  $P$ , we are asked to choose  $k$  points in...

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Kyriakos MOURATIDIS

*Singapore Management University*

- Assistant Professor of Information Systems
- Contact Information
- Curriculum Vitae [PDF]

Courses/Seminars

Data Management (IS202)

Advanced Data Management (IS410)

Honors & Awards

- Nominee for Most Promising Teacher Award, SMU Teaching Excellence Awards, 2009
- Fellowship for Research Excellence in



## Success # 4

### ■ Journal citation changed

- LIANG, Thow Yick. (2013). Edge of emergence, relativistic complexity, and the new leadership. Human Systems Management. Research Collection Lee Kong Chian School of Business. [http://ink.library.smu.edu.sg/lkcsb\\_research/3303](http://ink.library.smu.edu.sg/lkcsb_research/3303).

### ■ Previously, default citation

- LIANG, Thow Yick. Edge of emergence, relativistic complexity, and the new leadership. (2013). Research Collection Lee Kong Chian School of Business. Paper 3303. [http://ink.library.smu.edu.sg/lkcsb\\_research/3303](http://ink.library.smu.edu.sg/lkcsb_research/3303)



## Coming Soon



- Dean of School of Information Systems wants to promote the expertise of his faculty
- Wants a showcase for school's best and outstanding papers and posters
- Working with the research librarian and school to get the full text





## Coming Soon



- Working with Office of Research
- Map publications to research areas
- Map publications to Areas of Excellence
- InK has more fields for subjects and categories



# Engagement

- Multi-prong approach needed
- Strategize to increase engagement & full text

Research Librarians Team

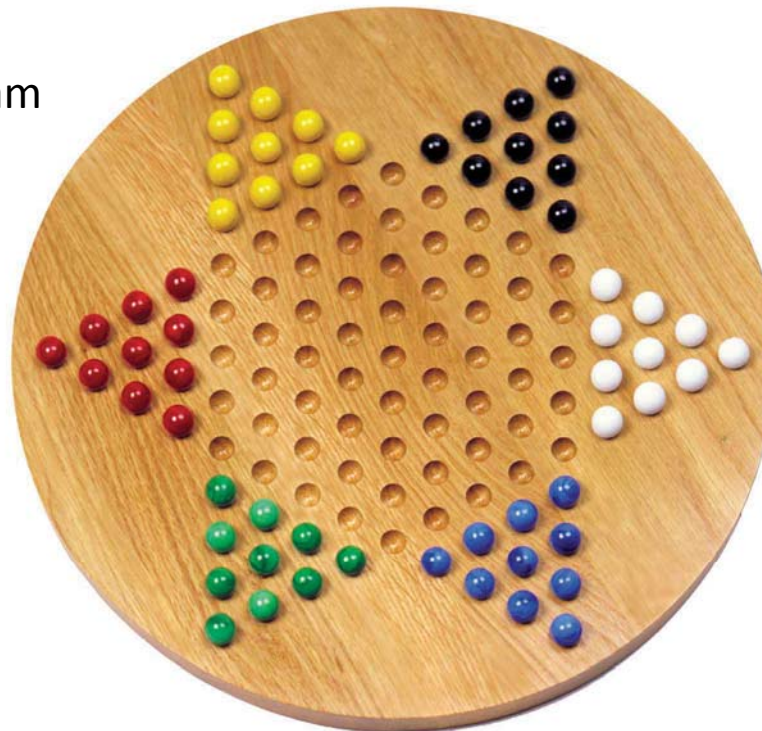
Management / Admin

Scholarly Comm Team

Schools

University Librarian

Faculty






# Survey

- Small scale survey of faculty who have some full text in InK in August
- Number of respondents = 25
- Online via SurveyMonkey
- Invited faculty via email to complete survey

# Sample of an author email report

Your Author Dashboard shows you had **171** new downloads in the past month of your **62** papers in Institutional Knowledge at Singapore Management University. This brings your total readership to **880**.

 Your Monthly Readership Report Highlight

Leading Mindfully: Two Studies of the Influence of Supervisor Trait Mindfulness on Employee Well-Being and Performance

**30** Total downloads

**1** Downloads from Singapore Management University

**1** Downloads from search term *company empolyes linderkin*

VISIT MY DASHBOARD

 Digital Commons Tip



# Survey: Email report

- How useful is the monthly email from InK?

Very useful	Useful	Somewhat useful	Not useful
4	12	8	1

- 64% find the email useful or very useful



# Survey: Features in email report

	Very useful	Useful	Somewhat useful	Very useful + Useful
Summary of downloads	4	16	4	80%
Readership Report Highlight	5	14	5	76%
Link to Author Dashboard	4	14	4	72%
Digital Commons Tip	3	7	11	40%

Faculty would like to customize the email alert types and intervals





# Sample Author Dashboard p1

Author Dashboard

✓ Following
📄 Readers

Manage Selected Works →

Discovery

Visitors

All Time

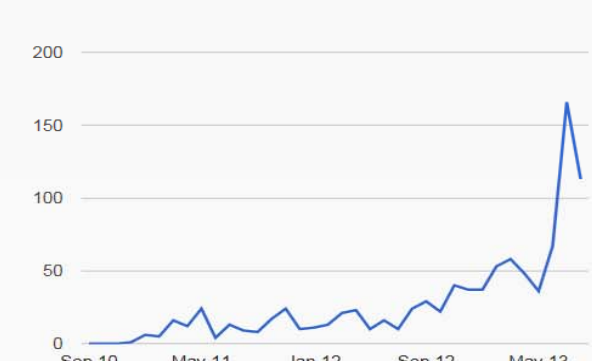
Search Queries
399

SEARCH QUERIES	DOWNLOADS	AVG RANK
myopic regret avoidance: feedback avoidance and learning in repeated decision making	11	
myopic regret avoidance in repeated decision making	11	
"fukushima" the scandal	10	
http://ink.library.smu.edu.sg/cgi/viewcontent.cgi?article=1028&context=cases_coll_all	9	
regret avoidance	6	12

prev **next** (1) (2) (3) (4)

09/01/2010-08/15/2013 All time


Downloads
983



09/01/2010-08/15/2013 All time



# Sample Author Dashboard p2

Articles		1 2 3 NEXT »
Title		Downloads 
<a href="#">+ Myopic Regret Avoidance : Feedback Avoidance and Learning in Repeated Decision Making</a>		307
<a href="#">+ The Effects of Action, Normality, and Decision Carefulness on Anticipated Regret: Evidence for a Broad Mediating Role of Decision Justifiability</a>		193
<a href="#">+ The Fukushima Nuclear Disaster: Causes, Consequences and Implications</a>		76
<a href="#">+ The Fukushima Nuclear Disaster: Leadership in Crisis</a>		66
<a href="#">+ The Influence of Past Negotiations on Negotiation Counterpart Preferences</a>		59
<a href="#">+ Leading Mindfully: Two Studies of the Influence of Supervisor Trait Mindfulness on Employee Well-Being and Performance</a>		47
<a href="#">+ Omission Bias in Vaccination Decision: Where's the Omission? Where's the Bias?</a>		32
<a href="#">+ Possession, Feelings of Ownership, and the Endowment Effect</a>		32
<a href="#">+ More than just the mean: Moving to a dynamic view of the performance-based compensation</a>		30
<a href="#">+ Regret in Cancer-Related Decisions</a>		20



# Survey: Features in Dashboard

	Very useful	Useful	Somewhat useful
Downloads for each article	8	10	3
Chart of monthly downloads	7	11	3
Visitors by institutions	4	13	3
Visitors by referrers	3	14	4
Search queries used to find your articles	3	14	5



# Survey: Value of InK

	Rank
Increase visibility and impact of my research papers	1
Discovery and access to my research papers	2
Storage and preservation of my research papers	3



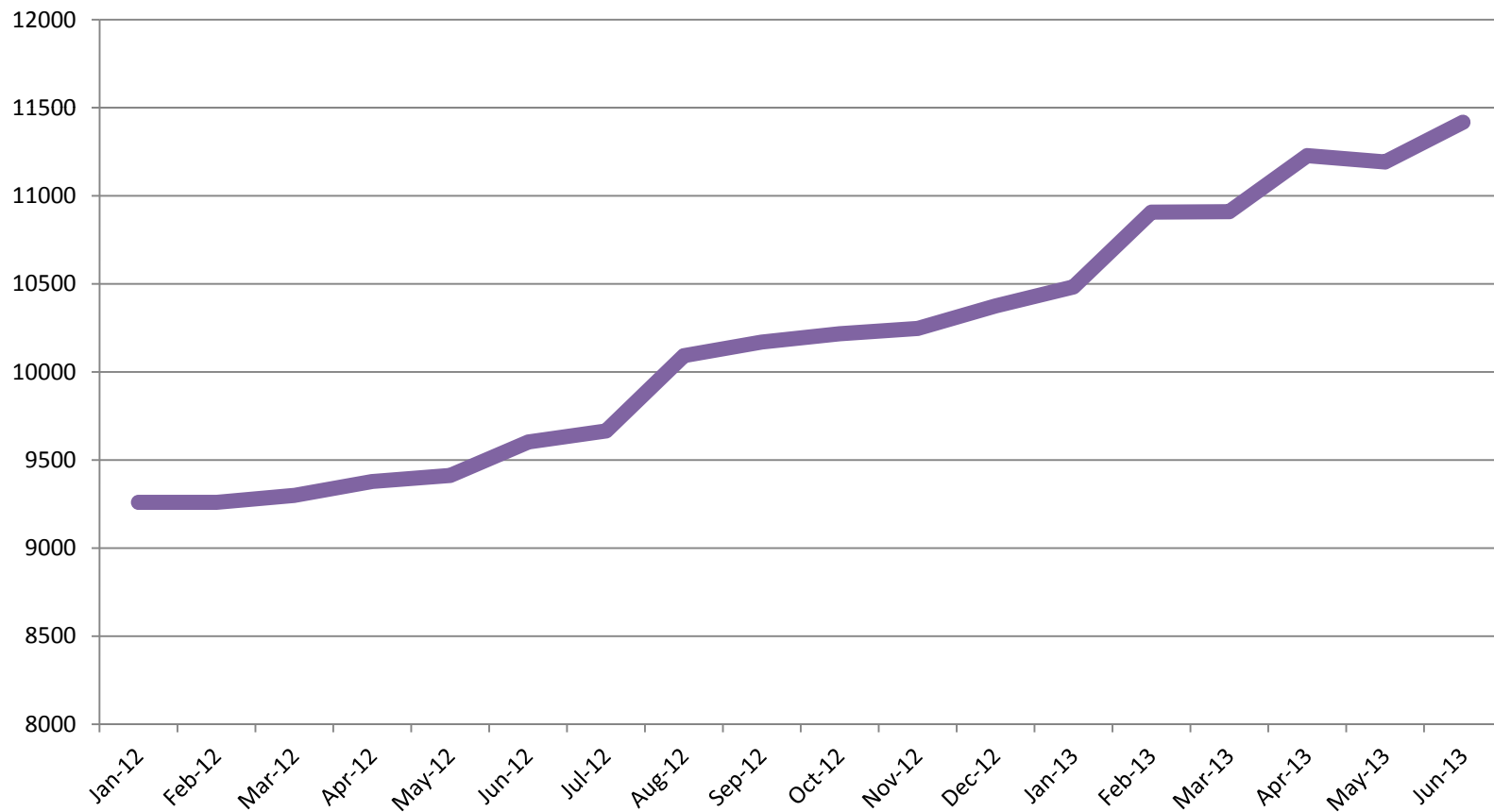
## Currently ...

- As of end July **2013**
- Total no of items = 11,617
- Total no of items with full text = 1,560
- Total downloads = 246,807
  
- Compared with 8,000 in 2010 (+45%)
- Compared with 600 in 2010 (+150%)



# Growth in Items

Total No. of Items

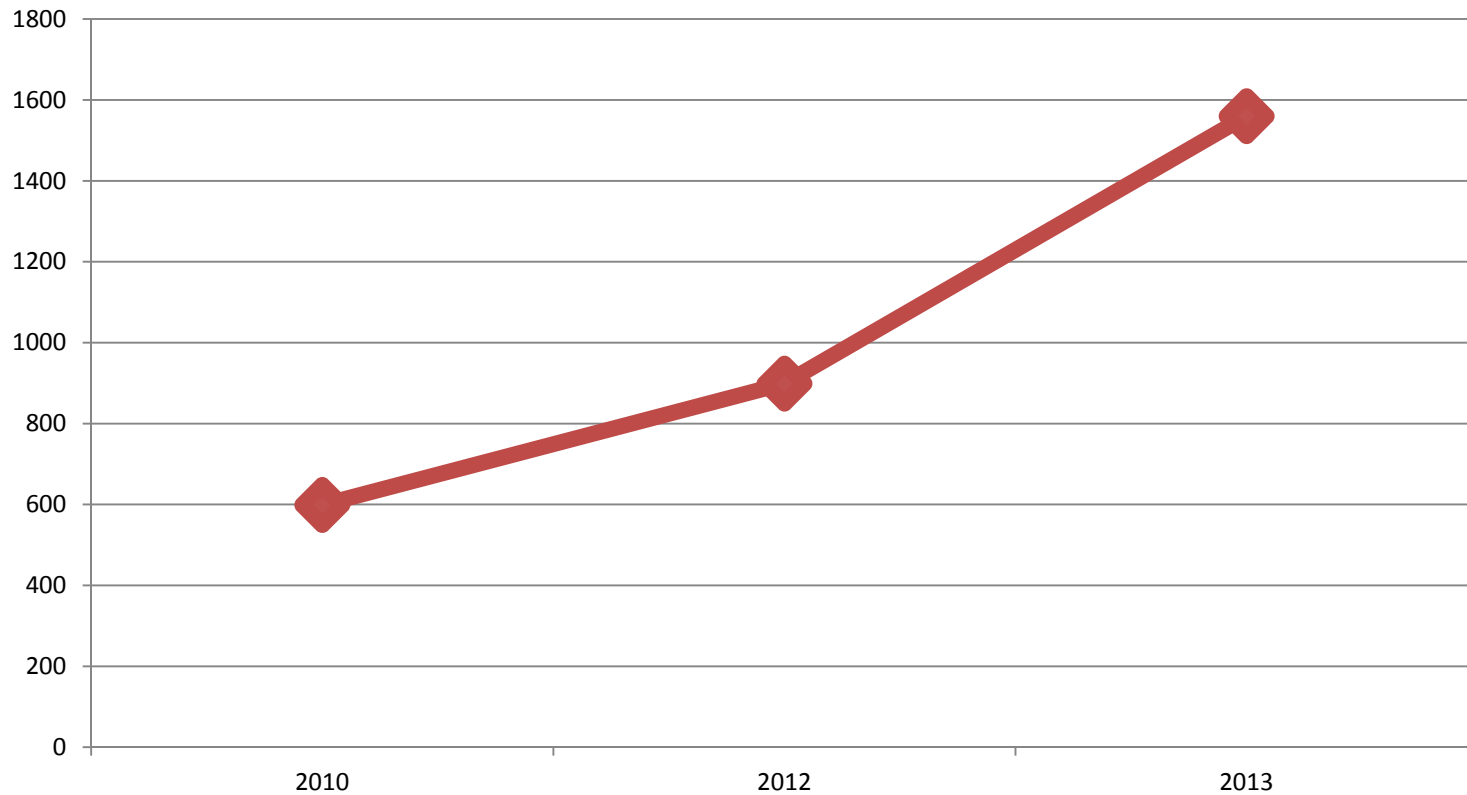






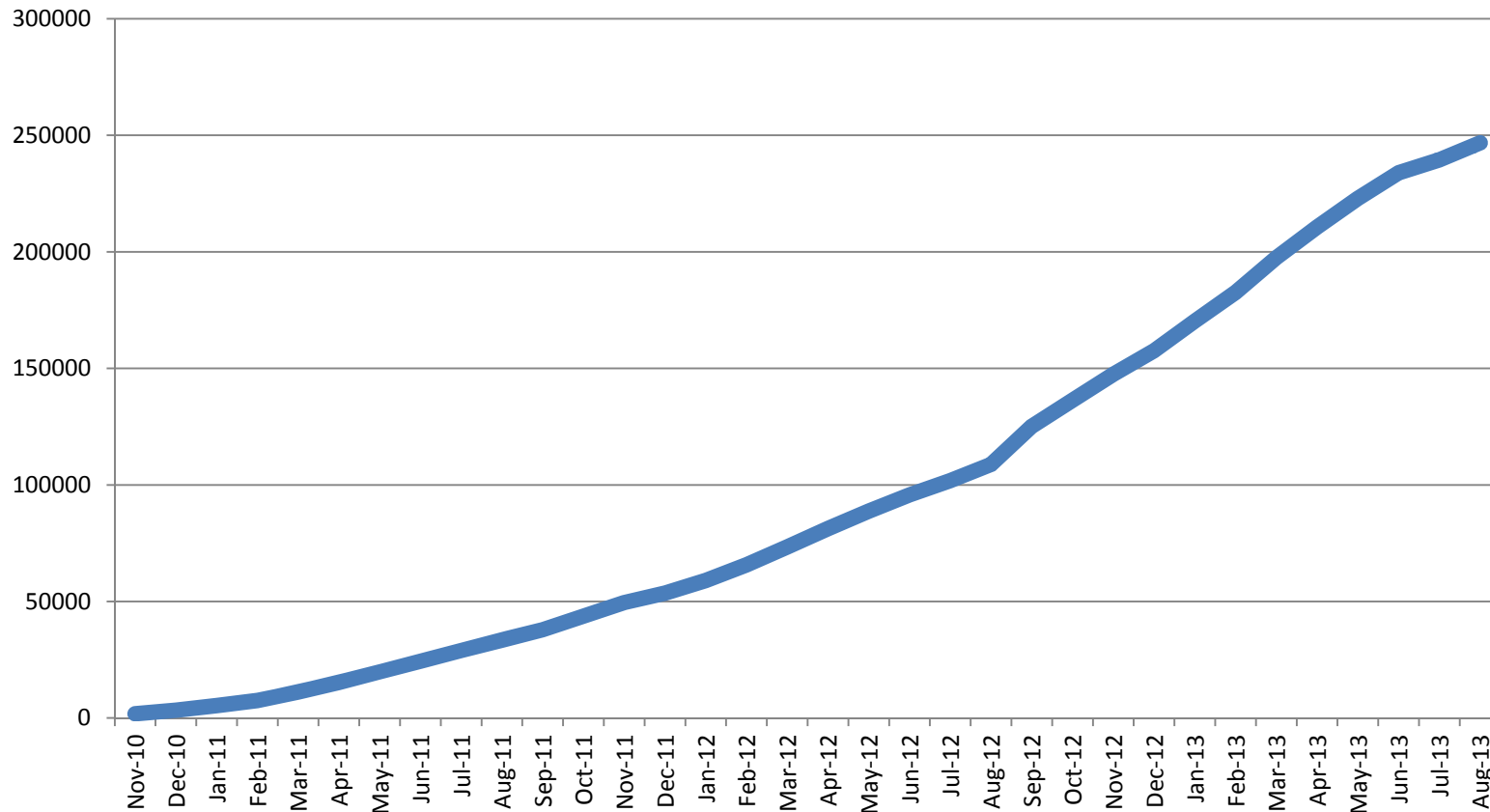
# Growth in Full Text

Number of Items with Full Text



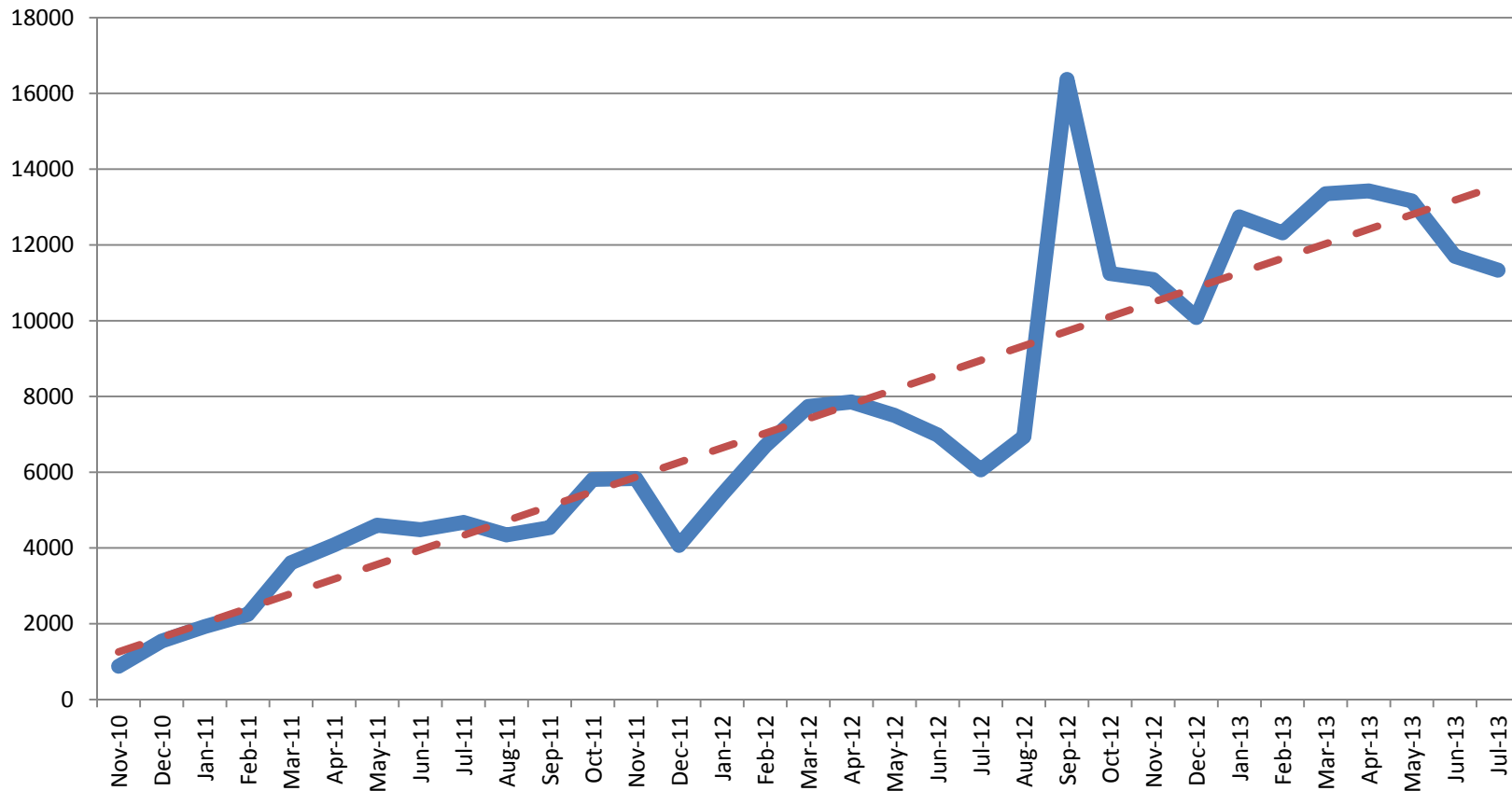


# Growth in Downloads





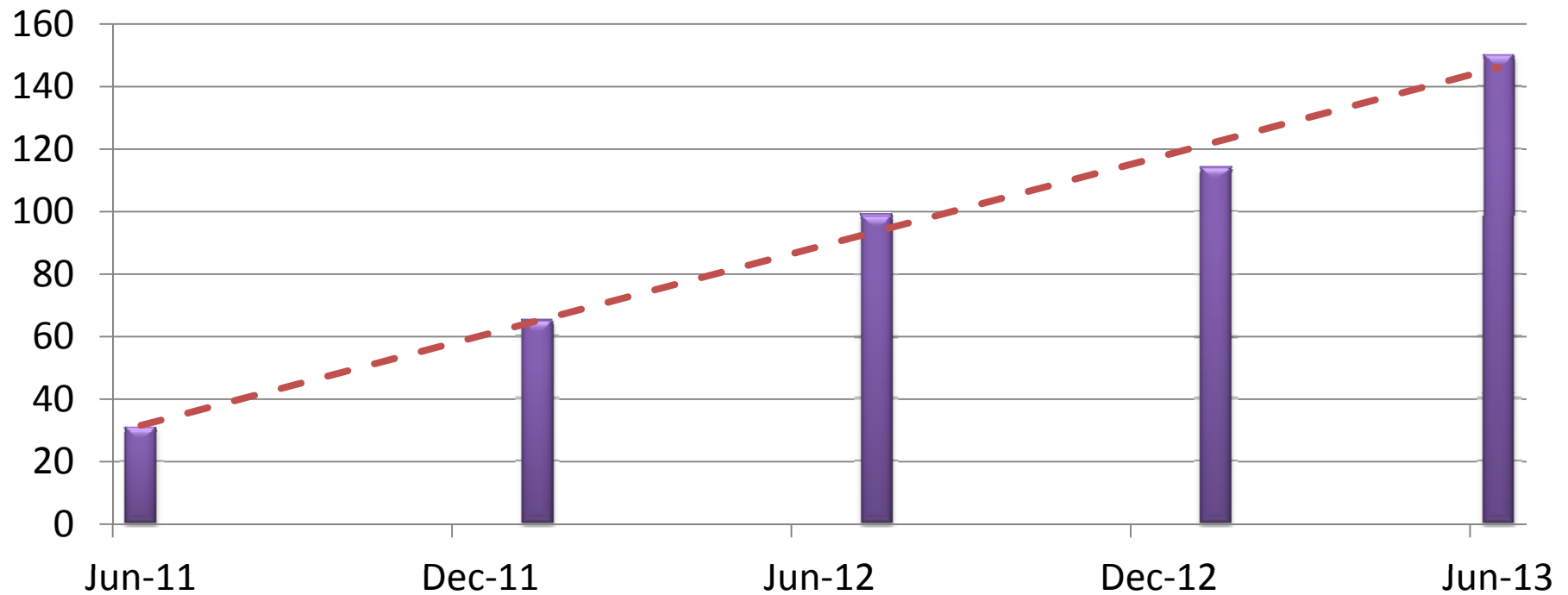
# Downloads Monthly





# Downloads per Full Text Item

Average





# Visitorship

## Visits in July 2013

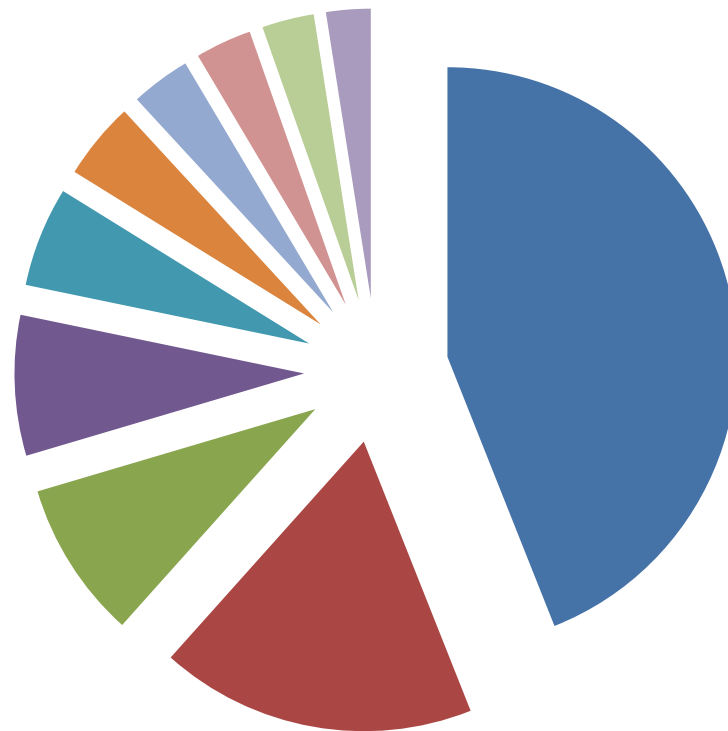


- Singapore
- United States
- India
- United Kingdom
- China
- Germany
- Malaysia
- Australia
- Philippines
- Hong Kong



# Visitorship by Country

Visits in April 2013



- Singapore
- United States
- United Kingdom
- Australia
- China
- India
- Germany
- Hong Kong
- Malaysia
- Canada





# Beyond Papers

Ink to also contain

- Oral history interviews
- Photographs (coming soon)
- Research data
  
- Open access policy (coming soon)



# Conclusion

- Usage
- Visibility and impact
- Success with more ahead

