

THEY ARE OPEN, THEY ARE FREE,
AND THEY ARE ... SOMEWHERE

The Status of Chinese Academic Institutional Repositories

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Institutional Repository & Open Access

- Two roads to open access (OA):
 - ▣ Golden road: OA journals which provide OA to their articles
 - ▣ Green road: self-archiving, such as institutional repositories (IR)
 - ▣ Two roads complementary

What is IR

- Raym Crow's definition (collection perspective)
Digital collections that capture and preserve the intellectual output of university communities
- Clifford A. Lynch's definition (service perspective)
A set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members.

More on IR

- Self-archiving
- New way of scholarly communication
- Gateway to research and scholarship of an institution
- An infrastructure for an institution to participate in the OA movement
- Increase the visibility and usability of the research output

Finding Chinese Academic IRs

- Only Mainland China IR
 - ▣ but not from Taiwan, Hong Kong and Macau
 - ▣ both Chinese universities and research institutes
 - ▣ ROAR (Registry of Open Access Repositories)
 - ▣ OpenDOAR (Directory of Open Access Repositories)
 - ▣ SouOA (Open Access Library)
 - ▣ Library websites
 - ▣ Emails and phone calls
 - ▣ Google/Baidu

Registry of Open Access Repositories

[Home](#) [About](#) [Search](#) [Search Content](#) [Browse](#)
[Login](#) | [New Entry](#) | [Create Account](#)

Browse by Country

[Up a level](#)
Export as

Atom

RSS 1.0

RSS 2.0

Graphical analysis

Search Content

- [Geoname Location](#) (84)
 - [Asia](#) (84)
 - [China](#) (84)

Group by: [Repository Type](#) | [No Grouping](#)
 Jump to: [Research Institutional or Departmental](#) | [Research Multi-institution Repository](#) | [Research Cross-institutional](#) | [e-Journal/Publication](#) | [e-Theses](#) | [Demonstration](#)

Number of items at this level: 84.

Research Institutional or Departmental

Not Found

This repository does not have any records in the Open Access Registry.

Deposit Activity



[DSpace at FCU University](#): [主页](#) (10007 records) - 18 April 2006
[\[Record Details\]](#)



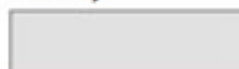
Deposit Activity



[DSpace at Xiamen University Library](#) (2578 records) [Xiamen University Institutional Repository](#) - 18 July 2006
[\[Record Details\]](#)



Deposit Activity



[DSpace at Zhejiang University](#) (unknown number of records) - 4 May 2006
[\[Record Details\]](#)

Chinese Academic IRs-ROAR

- ROAR: Registry of Open Access Repositories
 - ▣ A registry hosted by the University of Southampton, UK
 - ▣ 79 listed, 20 registered twice
 - ▣ 40 active as of 3/15/2013
 - Server error
 - Website under construction
 - Website doesn't point to the IR
 - ▣ 5 are Chinese university IRs, only 1 working

China

- **Chinese Academy of Science (中国科学院) (CAS)** - <http://www.cas.cn/>
 1. **Institutional Repository of Chengdu Institute of Biology, CAS (CIB OpenIR)**
<http://210.75.237.14/>
 2. **Institutional Repository of Dalian Institute of Chemical Physics, CAS (DICP-IR)**
<http://159.226.238.44/>
 3. **Institutional Repository of GuangZhou Institute of Energy Conversion, CAS (GIEC OpenIR)**
<http://ir.giec.ac.cn/>
 4. **Institutional Repository of Institute of Automation, CAS (SIA OpenIR)**
<http://210.72.131.179/>
 5. **Institutional Repository of Institute of Chemistry, CAS (ICCAS OpenIR)**
<http://159.226.64.105/>
 6. **Institutional Repository of Institute of Coal Chemistry, CAS (SXICC OpenIR)**
<http://ir.sxicc.ac.cn/>
 7. **Institutional Repository of Institute of Computing Technology, CAS (ICT OpenIR)**
<http://159.226.40.256/>
 8. **Institutional Repository of Institute of Earth Environment, CAS (IEECAS OpenIR)**
<http://ir.ieecas.cn/>
 9. **Institutional Repository of Institute of Geographic Sciences and Natural Resources Research, CAS (IGSNRR OpenIR)**
<http://159.226.115.200/>
 10. **Institutional Repository of Institute of Modern Physics, CAS (IMP OpenIR)**
<http://210.77.73.119/>
 11. **Institutional Repository of Institute of Soil Science, CAS (ISSAS OpenIR)**
<http://159.226.121.23/>
 12. **Institutional Repository of Ningbo Institute of Material Technology & Engineering, CAS (NIMTE OpenIR)**
<http://ir.nimte.ac.cn/>
 13. **Institutional Repository of Northwest Institute of Plateau Biology, CAS (NWIPB OpenIR)**
<http://210.75.249.2/>
 14. **Institutional Repository of South China Sea Institute of Oceanology, CAS (scsio-IR)**
<http://210.77.90.120/>
 15. **Institutional Repository of Xi'an Institute of Optics and Precision Mechanics, CAS (OPT-IR)**
<http://ir.opt.ac.cn/>
 16. **Institutional Repository of Xinjiang Institute of Ecology and Geography, CAS (EGI OpenIR)**
<http://ir.xjies.org/>
 17. **Institutional Repository of Yantai Institute of Coastal Zone Research, CAS (YIC-IR)**
<http://ir.yic.ac.cn/>
 18. **Knowledge Repository of SEMI, CAS (SEMI OpenIR)**
<http://ir.semi.ac.cn/>
- **Chinese Academy of Science (中国科学院) (CAS)** - <http://www.cas.cn/>
 1. **HF-IR (Knowledge Repository of HFCAS (合肥物质科学研究院))**
<http://ir.hfcas.ac.cn/>
- **Chinese Academy of Sciences (中国科学院) (CAS)** - <http://www.cas.cn/>
 1. **Institutional Repository of Research Center for Eco-Environmental Sciences, CAS (RCEES OpenIR)**
<http://159.226.240.226/>

Chinese Academic IRs-OpenDOAR

- OpenDOAR: Directory of Open Access Repositories
 - ▣ Supported by the University of Nottingham
 - ▣ Not just auto-harvest, but actually survey repositories to produce assured list
- Chinese IRs as of 3/15/2013
 - ▣ 33 registered under China
 - Only 1 university IR registered (Xiamen University)
 - 26 from institutes under China Academic of Science (CAS)
 - 5 from Hong Kong, 1 from Macau
 - ▣ 26 active links

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OA搜索 OA内容搜索 [帮助](#)[主页](#)[开放存取资源](#)[OA期刊](#)[开放存取新闻](#)当前位置: [OA图书馆](#) >> [开放存取资源](#) >> [OA存储机构库](#)

热门开放存取资源:



福建师范大学图书馆学系机构库

福建师范大学图书馆学系机构库主要是用来存储福建师范大学图书馆学系师生的具有较高学术价值的学术著作、期刊论文、工作文稿、会议论文、科研数据资料, 以及重要学术活动的演示文稿等。.....更新时间: 2010-10-09 21:03:09



剑桥大学机构收藏库DSpace@Cambridge

剑桥大学机构收藏库(DSpace@Cambridge)收藏了剑桥大学师生提供众多资料。包括图书馆数字化的资料和本校其他机构产生的数字资源, 如论文、预印本、学位论文、技术报告、各个学部 and 大学档案等, 这些更新时间: 2010-06-28 17:16:47



联合国粮农组织资料库

联合国粮食及农业组织提供的信息查找服务, 您可以查到粮农组织的出版物、会议文件、研究文件、以及1976年以来粮农组织几十万份技术文件。绝大部分可以免费下载全文。.....更新时间: 2010-06-28 17:02:44



美国流行音乐档案库

美国流行音乐档案库由加州大学洛杉矶分校音乐图书馆建立, 包括了美国

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Google

■ [香港大学论文库](#)

Chinese Academic IRs-SouOA

- SouOA (OA图书馆) <http://www.souoa.com/>
 - ▣ Chinese website dedicated to introduce OA resources and track OA development
 - ▣ Not just IR, but include open repositories and free online resources
 - ▣ 75 from the world listed, but only 45 “real” IRs
 - ▣ 9 from China, 1 not working



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如果您所在机构已部署了机构知识库, 那么可点击左侧图标进行登记



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= 机构知识库项目顺利通过!
= 多家成员馆争相部署本地系统!



数据状态
登记IR: 28
元数据总量: 79039
元数据更新于: 2012-11-18

Making it easy
to access academic and research content

输入关键词即可搜索所有已登记IR中的文献内容

所有字段 搜索 检索历史

依照日期浏览 | 依照作者浏览 | 依照标题浏览 | 依照主题浏览



机构地理分布



最新提交与访问排行

最新提交

- Mapping Metadata EI
- Designing and Imple
- 论高校图书馆的情报职能
- 信息时代高校图书馆的功能
- 10年来中国妇女研究的主要成就与问题
- BLAIS大英图书馆文献服务系统
- 各阶段采编工作流程总结
- JAVA网络图书馆现代化带来些什么?
- 北京大学文献信息服务系统的建设与发展
- 中美图书馆学界的交流

访问排行

1. 中国自然文化遗产的价值体系及其特... [201]
2. 多变世界中不变的社会主义大趋势... [157]
3. 3维空间线性与非线性的拓扑关系... [155]
4. 只有社会主义才能拯救和发展中国... [152]
5. 航天材料对质子辐射防护性能的模拟... [148]
6. CO₂气保焊机动特性的要求... [147]
7. 组织工程的发展与主要研究方向... [147]
8. 一种基于Java的网络拓扑水流动... [145]
9. 大连市居住郊区化的现状、机制及趋... [140]
10. 《北京通史》学术顾问、特约编委... [133]

Chinese Academic IRs-CHAIR

- CHAIR project from CALIS
 - ▣ Started in June 2011
 - ▣ 5 leading libraries: PKU, Tsinghua U, BIT, Xiamen U and Chongqing U
 - ▣ Model: centralized IR repository with distributed local IR implementation
 - ▣ 3 systems
 - CHAIR central platform developed by PKU
 - CHAIR local platform developed by all 5 leading libraries
 - CHAIR RISE platform developed by Chongqing U
 - ▣ Platform and guideline are open use to CALIS members

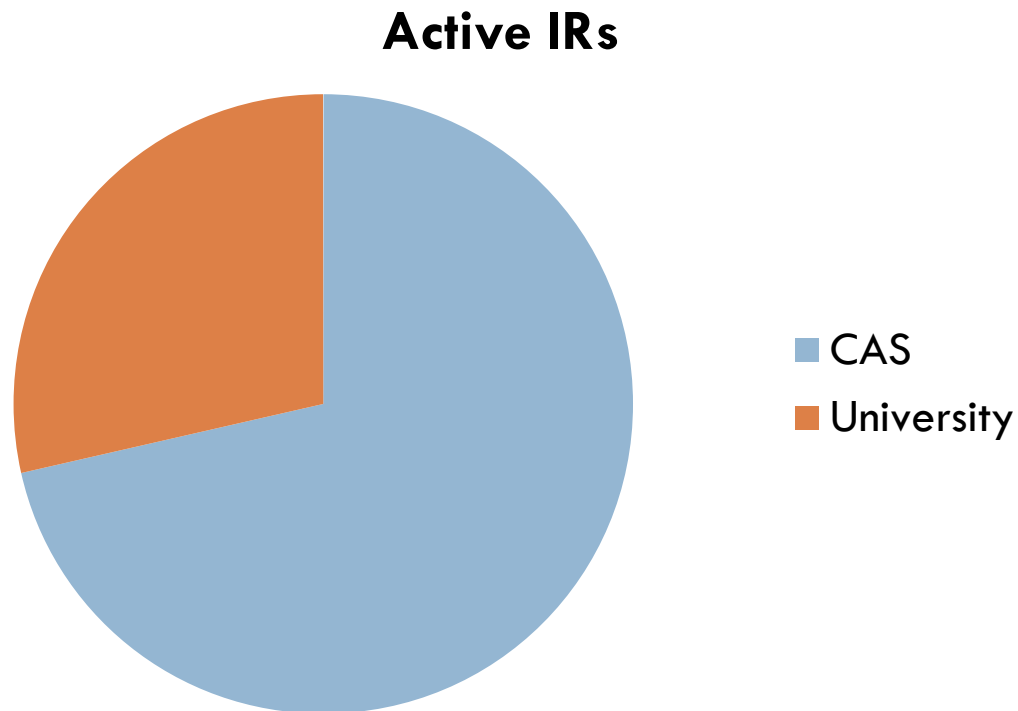
Chinese Academic IRs-CHAIR

□ CHAIR Central

- ▣ 28 registered IR as of 3/15/2013
- ▣ 16 active: links can open the IR site
- ▣ 12 broken links: they might be active, but the links are not working

Our Findings

- Total Number of IR we've found so far: 56 active ones (39 from CAS, 16 university IRs)



Our Findings

□ Access Level

- Full text and metadata open to everyone: among 16 active links in CHAIR, 9 have open access to everything
- Metadata available to view, but full text only open to on-campus people: Tsinghua University
- Some full text open to the public, while the rest are not: Jimei University
- No access: Beijing university

Our Findings

□ Content scope

- ▣ Mainly are published journal articles, prescripts are rare
- ▣ Some started from master/doctoral theses, but most are not open access
- ▣ Published books/book chapters usually provide metadata only
- ▣ Patents are usually open to the public
- ▣ Power point presentation, visual materials, class note, working papers are very few

Our Findings

□ Difficulties

- ▣ Broken links: 32 links not working
- ▣ Unstable links/access: sometimes can open, sometimes not:
- ▣ Loading time too long
- ▣ Server error

Analysis & Discussion

- Slow development
 - ▣ Compared to its western counterparts: started from 2006, only 71 active as of today vs. 495 in the US
- lack of institutional efforts
 - ▣ Some are individual initiative/personal interest
- Few are matured and comprehensive
 - ▣ Xiamen University is an exception
- Very unstable development
- Still in experiment stage

Implications to the East Asian Collection

- Limited usefulness/value at this stage
- Free available resources are most on the science and technology subjects
- Retrospective –focusing more on published articles
- Many issues to be resolved
 - ▣ Copyright, standards, sustainability

What is IR

- Raym Crow's definition (collection perspective)
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- Clifford A. Lynch's definition (service perspective)
A set of **SERVICES** that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members.

Questions for us to think about

- What role can CEAL libraries play?
Active participants or observer?
- How can we reach out to our
Chinese colleagues and work
together to enable and enhance OA
collections and services?

Bibliographies

- Clifford A. Lynch, "Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age portal: Libraries & the Academy 2003,3 (2): 327.
<http://www.arl.org/bm~doc/br226ir.pdf>
- Raym Crow, "The Case for Institutional Repositories: A SPARC Position Paper." Washington, DC: Scholarly Publishing & Academic Resources Coalition, 2002.
http://www.arl.org/sparc/bm%7Edoc/ir_final_release_102.pdf
- Hua Nie, "CHAIR: CALIS 机构知识库建设与推广, 反思与展望。" 第九次中文文献资源共建共享会议, 2012.
<http://www.nlc.gov.cn/newgjgx/wxgxhyzxdtd/201211/W020130107498796062606.pdf>



Thank You!

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