Open Access e-Repositories: Supporting and enhancing scholarship in the digital age

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Objectives today

- What is E-Repository

- How we can find them

- What we can find in OA e-repositories

- How we can use them for teaching, learning, research and publishing

- **New knowledge is often based on the existing knowledge.**
- **Therefore, we have to access the existing knowledge in order to create new knowledge**

- **To day in the "Digital era" we seek for digitized information.**
- **Need to access to information on the spot when it is needed**
- **Internet/WWW is an essential entity for teaching/learning/research**
- **WEB is complex**
- **Surface web & Invisible web/Deep web**
- **Public domain contents/databases**

How we access to e-resources

- **Commercial databases**
  - EBSCO, Elsevier, Ingenta Sage, Gale, IEEE, ScienceDirect
  - Academic databases
- **Public domain databases**
  - Google Scholar - http://scholar.google.com/schhp?hl=en&as_sdt=0,5
  - SlideShare - http://www.slideshare.net/?ss
  - YouTube - http://www.youtube.com/
- **Deep Web**

  (Information literacy is helpful to search deep web)

E-Repositories

Databases created to provide online access

– **Commercial e-repositories**

– **Open Access e-repositories**

- Global level e-repositories
- National level e-repositories
- Institutional level e-repositories
- Subject level e-repositories

What is Institutional e-Repository?

- Institutional e-repositories (IR) are digital collections where the scholarly resources within a university or research institution are deposited.

- Purposes of IRs may vary depending on the objective and scope

- (Some universities have teaching/learning repositories for educational materials)

- In most cases they are established to provide Open Access to the institution's research output.

What is available in IR?

- **Peer reviewed journal articles**

- **Theses/dissertation**

- **Presentation (PPT)/posters/conference papers**

- **Books/book chapters**

- **Unpublished articles**

- **Tutorials**

- **Datasets**
  - **Spread sheets**
  - **Photographs**
  - **Audio files**
  - **Video files**
  - **Representation of Artworks**
  - **Diagrams**
  - **Charts and so on**

How to find OA e- Repositories

- **Normally Web search engines such as Google index the contents of repositories.**
  - Google   -   http://www.google.com/
  - Altavista (www.altavista.com/)
  - Direct Hit (www.directhit.com/)
  - Excite (www.excite.com/)
  - Fast search (www.alltheweb.com/)
  - HotBot (http://hotbot.lycos.com/)
  - Infoseek (http://www.go.com)

- Follow link from another researcher's Blog (Referral) is also helpful.

We can find them by searching special Directories and URLs

- **OpenDOAR** - **D**irectory of OA repositories

  http://www.opendoar.org/find.php.

Subject Repositories

- Research Papers in Economics - http://repec.org/

- Physics repository http://arxiv.org/

- Registry of Open Access Repositories
  http://roar.eprints.org/

- E-LIS - http://eprints.rclis.org/

- **CogPrints,** an electronic archive for **Psychology**, **Neuroscience**, **Linguistics**, **Computer Science** , **Philosophy** and **Biology** http://cogprints.org/

- PubMed http://www.ncbi.nlm.nih.gov/pmc/tools/openftlist/

Multidisciplinary repositories

Multidisciplinary repository is intended to share and showcase all research outputs not already posted in subject or institutional repositories

- **OpenDepot.org** http://opendepot.org/information.html

- **Zenodo** - http://zenodo.org/

- **OpenAIRE** - http://www.openaire.eu/http://www.openaire.eu/

OA journals

- **Directory of Open Access Journals (DOAJ).**
http://www.doaj.org/

- **Open Access Scholarly Publishers Association (OASPA).- http://oaspa.org/**

- **Scholarly Open Access** http://scholarlyoa.com/individual-journals/

- **SHERPA/JULIET site - http://crln.acrl.org/**

"Hybrid" OA option

- **Publishers with Paid Options for Open Access (SHERPA/RoMEO).**

http://www.sherpa.ac.uk/romeo/PaidOA.php

- **List of Green OA**

http://www.sherpa.ac.uk/romeo/browse.php?colour=green&la=en&fIDnum=|&mode=simple

E-repositories in Sri Lanka

- **NSF Digital Library** - http://dl.nsf.ac.lk/
- **The Open University** - http://digital.lib.ou.ac.lk/docs/
- **University of Moratuwa** - http://dl.lib.mrt.ac.lk/
- **University of Colombo** - http://archive.cmb.ac.lk/research/
- **University of Peradeniya** - http://www.dlib.pdn.ac.lk:8080/jspui/
- **University of Ruhuna** - http://dilru.lib.ruh.ac.lk/portal/
- **Rajarata University** - http://repository.rjt.ac.lk/jspui/
- **University of Sri Jayawardenapura** - http://www.sjp.ac.lk/research/
- **University of Kelaniya** - http://www.kln.ac.lk/uokr/all.html
- **Coconut Research Institute of Sri Lanka**
- **Rubber Research Institute of Sri Lanka**
- **Tea Research Institute of Sri Lanka**

Publishing your product

- **Academics wish their works to be visible and have impact**
- **Therefore, they wish to publish their articles**
- **Publishing with commercial publishers is costly and competitive**
- **Publishing in OA repository gives more visibility than commercial (OPCIT)**
- **Many OAR s facilitate with self archiving**

Publishing con…

- **If you still wish to publish in a commercial journal choose a one who allows self -archiving in OA**

- **SHERPA helps to find such one**
- **SHERPA/JULIET site - http://crln.acrl.org/**

- **When you self-archive , deposit one copy in a local IR too.**

- In some cases it is compulsory to publish in OA **ROARMAP: Registry of Open Access Repositories Mandatory Archiving Policies** http://roarmap.eprints.org/

How to deposit resources in OAR

- Ready your document
- Authentication
- Supportive format – PDF, HTML,ASCII, ePUB, Mobi
- Registration at the repository
- Login to the account
- Set metadata
  – Author, title, abstract,
- Set the access states
  – (Abstract/full text/metadata)
  – Open access/registered users/embargo/author request/IP range

How to deposit…

- Upload
- Normally your articles go to the Buffer until confirmation by the editor.
- If uncomfortable with self archiving you can send them via e-mail to the editor
- Deposit your article at least in one Global OAR as well as in one local IR
- Research Impact
  - Research Gate
  - E-LIS

Copyright and IPR

- Authors and creators of the content are the copyright owners until they sign over these rights to the publisher.
- Authors can propose modification of the terms to retain some rights.
- Some publishers allow self archiving preprints
- Some do post- prints or both
- Some post Embargo period
- Creative Commons licensing http://creativecommons.org/
- SPARK – http://www.sparc.arl.org/theme/author-rights
- RoMEo- http://www.sherpa.ac.uk/romeo/

Why researchers do not self-archive?

- **Unawareness of the possibility of self-archiving**

- **Unawareness of the benefits of self-archiving**

- **Worries that self-archiving might be illegal**

- **Worries that self-archiving might reduce one's chances of getting published**

- **Worries that self-archiving means abandoning peer review**

- **Worries that self-archiving is technically hard to do**

- **Worries that self-archiving is time-consuming**

- **Laziness**

- **and** [dozens of other worries](#)

Establishing OAIR

- **Priority to the institution**
  - Increase the usage or impact
  - Maximize the visibility
  - MIS for monitoring and assessing research in the institution
- **Purpose –**
  - Provide OA
  - Supporting digital publishing
  - Preservation of contents
- **Infrastructure**
  - Computer capacity
  - Network and access to internet
  - other

- **Define the repository service**
- **Chose repository software**
  - **Open source**
    - Dspace, Eprint, Fedora, Greenstone
  - **Commercial software**
    - EprintService, Open Repository, Bpress
  - **Hosted by other repository**

    NSF
    - Google drive, Cloud computing

- **Develop Repository policies**
  - **Collection Policy**
    - Type of resource
    - Whose works can be uploaded
    - Who can deposit
      - **Self archiving**
  - **Management policy**
    - Responsibilities
    - Preservation
  - **Access policy**
    - Registration
    - Restrictions
    - Embargo

- **Staffing**
  - **IR manager**
  - **IR administrator**
- **Set communities**
- **Marketing**
- **Cost**

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Thank you