

Capturing & harvesting our heritage on the world wide web

Hettie Groenewald and Elsabé Olivier
e-Learning Africa Conference
Nairobi, Kenya, May 28-30, 2007



University of Pretoria

Introduction



- University of Pretoria
- Teaching, learning and research
- Access to information
- Library's responsibility to provide



SA cultural diversity and heritage

- African heritage contributions
 - Mapungubwe
 - Pretoriana
 - South African Architects
 - Gerard Moerdyk
 - Sir Herbert Baker
- Scholarly contributions
 - OpenUP
- Popular material
 - Jonathan Jansen collection



Library e-strategy

- Formulated to support UP Strategic plan :
 - coordinate initiatives
 - digitise rare sources
 - archive research data
 - support education and research at UP
 - strategic resource
 - management of knowledge
- Deliver on the web
 - open access
- Institutional repository
 - Dspace software

What is an institutional research repository?

According to a definition by Lynch (2003) an institutional repository is :

“A university-based institutional repository is 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. It is most essentially an **organizational commitment** to the stewardship of these digital materials, including long-term **preservation** where appropriate, as well as **organization** and **access** or **distribution**”

https://www.ais.up.ac.za/dspace

The screenshot shows a Microsoft Internet Explorer browser window with the following elements:

- Browser Title Bar:** "UPSpace at the University of Pretoria: Home - Microsoft Internet Explorer"
- Menu Bar:** File, Edit, View, Favorites, Tools, Help
- Address Bar:** "https://www.up.ac.za/dspace/"
- Page Header:** University of Pretoria logo and "UPSpace" branding.
- Left Sidebar:**
 - Search UPSpace:** Includes a search box, a "Go" button, and a link to "Advanced Search".
 - Browse:** A list of links: Home, Communities & Collections, Titles, Authors, By Date.
 - Sign on to:** Links for "Receive email updates", "My UPSpace authorized users", "Edit Profile", and "Help".
- Main Content Area:**
 - Header:** "UPSpace at the University of Pretoria >"
 - Welcome to UPSpace!** Section with the text: "Items archived since January 2006: 1 418".
 - Text:** "Welcome to the digital research repository of the University of Pretoria. This repository offers a set of services to the members of the UP Community, for the management and dissemination of digital research materials donated to or created by the institution and its community members. The set of services includes the collection, storage and preservation in digital format, and retrieval of items submitted to UPSpace (Lynch 2003). For more information on the UPSpace (DSpace) Project @ UP visit www.dspace.up.ac.za Please take time to share your UPSpace experiences with us on our [UPSpace Wiki](#)."
 - Search:** A section with the heading "Search" and the instruction "Enter some text in the box below to search UPSpace." It includes a search input box and a "Go" button.
 - Communities in UPSpace:** A section header at the bottom of the main content area.
- Right Sidebar:**
 - About UPSpace:** Text stating "UPSpace is an installation of DSpace customized and configured for use by the University of Pretoria!"
 - Download Adobe Reader:** Text: "Download [Adobe Reader](#) to access .pdf files"
 - Community Invitation:** Text: "Do you want to become part of the UPSpace research community? [Contact us](#) for more information or [apply for a new collection](#)."
 - Tutorial:** Text: "[Tutorial](#) on how to **submit** items to a specific Collection in UPSpace"
 - Policy:** Text: "UPSpace Policy to be added soon. Inquiries: upspace@up.ac.za"

UP Space record

The screenshot shows a Microsoft Internet Explorer browser window with the title 'UPSpace at the University of Pretoria: Item 2263/462'. The address bar shows the URL 'https://www.up.ac.za/dspace/handle/2263/462'. The page content includes a search bar, navigation links, and a detailed record for 'Pretoria Station'.

Please use this identifier to cite or link to this item: <http://hdl.handle.net/2263/462>

Title: Pretoria Station
Author/s: Baker, Herbert, Sir
LC Subjects: Railroad stations -- South Africa -- Pretoria
Keywords: Pretoria railway station
Baker, Herbert, Sir
Issue Date: 23-Jun-2006
Creation Date: Jun-2006
Series/Report no.: ar001vw_dvd001
ar001pho_vw.0014

Abstract: The Pretoria Station building, as designed during a transitional period for Sir Herbert Baker, during which he experimented with forms and building methods in preparation for the Union Buildings.

Description: The Pretoria Station building, designed by Sir Herbert Baker and opened in 1912.

URI: <http://hdl.handle.net/2263/462>
Rights: Complies with rights as specified by Collection Administrator.
Type: Still Image

Appears in Collections: [Sir Herbert Baker Collection](#)
[Van der Waal Collection](#)

Files in This Item:

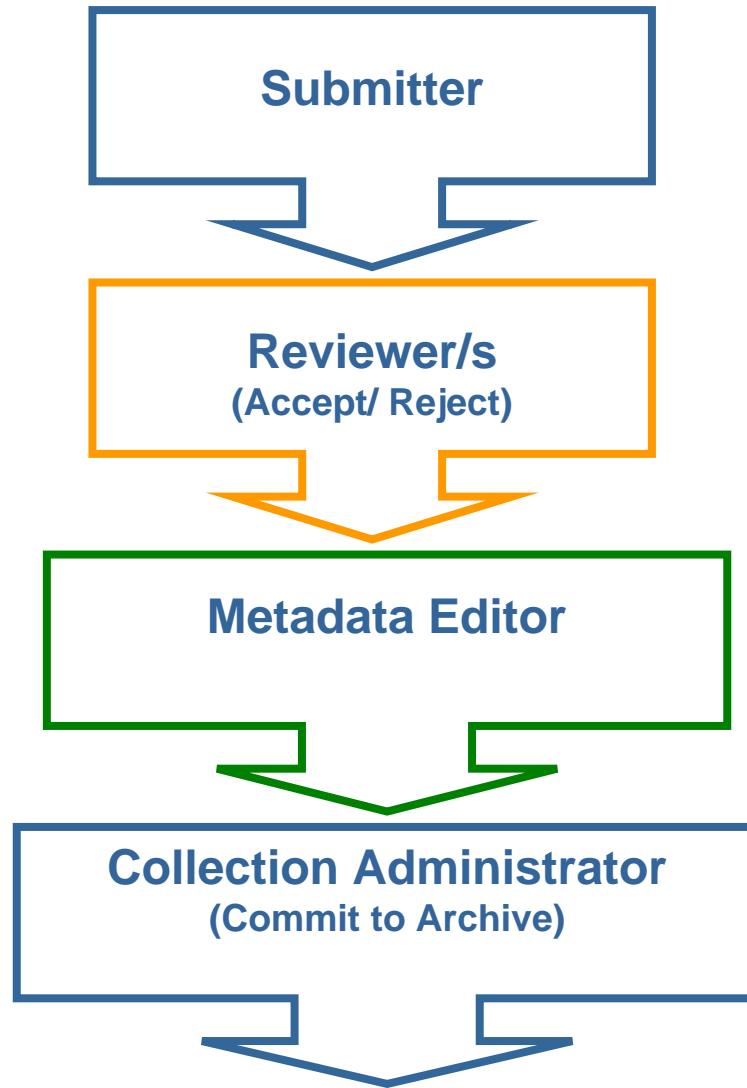
File	Description	Size	Format
ar001pho_vw.0014.pdf		95Kb	Adobe PDF View/Open

Pretoria Station



UPSpace Administrator

Collection Administrator



Available on UPspace

African Heritage: Mapungubwe Collection



- Original archaeological material housed in museum on campus
 - Reports, photographs, maps, site plans, newspaper clippings
 - Valuable research and information resource
- “This on-line electronic resource is made available for the use of researchers, the general public, educators, learners and anyone interested in obtaining information about Mapungubwe. The digital collection is divided into an artefact (object), document, national and photograph collection”

<https://www.up.ac.za/dspace/handle/2263/590>

African Heritage : Pretoriana Collection

- Van der Waal collection on the development of Pretoria, Mamelodi, Atteridgeville, Cullinan
- Constantly upgraded by personnel
- Consists of photographs, aerial photographs, newspaper clippings, articles
- “Dr. Gerhard-Mark van der Waal, interested in the interaction of people and their historical, built environment, started listing Victorian buildings in Parktown, Johannesburg in 1970. “

<https://www.up.ac.za/dspace/handle/2263/94>



African Heritage SA Architects



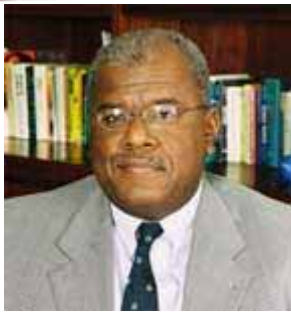
- Gerard Moerdyk
 - Voortrekker Monument, Johannesburg Station,
 - various churches
 - campus buildings: Merensky Library
 - Chairman of University Council
- Sir Herbert Baker
 - colonial architect
 - Union Buildings, Pretoria Station



Scholarly material: OpenUP Collection

- Peer reviewed articles published by:
 - staff
 - students
 - affiliates
- UP research outputs visible on the Web
- Open Access
- Copyright





Popular material: Prof Jonathan Jansen

- Dean of Faculty of Education
- Expert: general and higher education
- Social commentator
- Eminent scholar
- UP Space statistics: highest number of views
- With the resignation of prof Jansen in April 2007, the collection will not be expanded, but the information will still be available


Feedback: prof Jansen (Education)

“This project has transformed my life as a Dean in three ways. First, it made me aware of the **power of technology** in managing the multiplicity of written tasks—media articles, media interviews, newspaper columns, intellectual pieces—that simply drift into spaces where I can never find these original writings. Second, it made me aware of the **efficiency of dissemination** of ideas in this information age if one simply took the time to create such a web space. Third, it made me aware of the **power of collaboration** between academic authors and the academic information services (library)—something that I had not explored until now. I am deeply grateful to the persistence of my academic library colleagues in opening up this new world in the life of a busy Dean”



Outcomes:

1. Benefits for researchers

- Central archive of research
 - Available on web to researchers world wide
 - Preserving valuable material
 - Persistent url for citations
 - Dialogue between researchers:
 - e-mail
 - subscribe to collection
 - recommend an item
 - Tacit knowledge contributed
 - Free unrestricted access
- 

Outcomes: 2. Collaboration

- Support from UP Management
- Electronic submission
- Teams : departments and library staff

Feedback : Prof Roger Fisher, Department of Architecture


“What this demonstrates to me is that where **traditionally** each of the **activities** of the different academic **groupings** would have been siloed into their **own way** of doing, **this project** has created an opportunity for a **synergy** where the whole is greater than the sum of its’ parts, including an **enthusiasm** in the students they will only discover in use and not in invention”

Lessons

- Dept of IT support on Campus
- Procedures/workflow
- Copyright
- Staff commitment and human resources
- Identify “champion collections”
- Digitization : equipment and expertise
- Metadata experts
- Support and communication



More ideas

- More audiovisual material: video clips, interviews
 - Music collection accompanied by sound
 - Inaugural addresses
 - OpenUP(articles) and Open lectures linked to Annual Research Report
 - Rare books
 - Conference papers
 - Trusted Repository
 - Workshop at UP
- 

Conclusion

- Library's contribution in capturing and harvesting our heritage on the world wide web is proven successful
- Our rare resources are available on the web in digital format not only to:
UP researchers **but also to** the African continent

and supports e-learning !

Bibliography

- Lynch, C.A. (2003). *Institutional repositories: essential infrastructure for scholarship in the digital age*. Retrieved August 15, 2005, from <http://www.arl.org/newsltr/226/ir.html>
- S A Artefacts: South African Architects Database <http://www.artefacts.co.za./main/main.php>



Thank you!

Hettie Groenewald
hettie.groenewald@up.ac.za

Elsabé Olivier
elsabe.olivier@up.ac.za

Credits : dr Heila Pienaar and Ina Smith

