eResearch/HASS Infrastructure: Digital Humanities

Paul Arthur
Our Vision: More valuable data for Australian research

ANDS is enabling the transformation of:

<table>
<thead>
<tr>
<th>Data that are:</th>
<th>to</th>
<th>Structured Collections that are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unmanaged</td>
<td>Managed</td>
<td></td>
</tr>
<tr>
<td>Disconnected</td>
<td>Connected</td>
<td></td>
</tr>
<tr>
<td>Invisible</td>
<td>Findable</td>
<td></td>
</tr>
<tr>
<td>Single-use</td>
<td>Reusable</td>
<td></td>
</tr>
</tbody>
</table>
Major Open Data Collection Project
University of Western Sydney (ANDS MODC16)

Overview
The University of Western Sydney (UWS) MODC project has delivered an open and accessible multidisciplinary data collection which aligns with two broad themes. These are:

Australian Social History
Data which relates to historical and cultural aspects of Australia

Western Sydney
Data which is grounded in the Western Sydney geographical area

CAPACITY

- Curation of culturally and environmentally significant data relevant to the institution.
- Designed for re-use and collaboration – data to infrastructure.
- Reinvigorating existing research data using a digital framework.
- Skill development and documentation to support research data management.
- Improved services for institutional policy compliance and funder expectations around data management.
IMPACT

- Added to the global corpus of cultural heritage data.
- Increased the proportion of Open Access datasets by 130%.
- Extended use of datasets in multidisciplinary contexts e.g. linguistics.
- Improved engagement in RDM best practices by researchers at UWS.

FUTURES

- Enabling cross-institutional research collaboration.
- Discoverability via inclusion in Research Data Australia.
- Interoperability through the use of open technology and standards.
- Sustainable practices being promulgated across UWS.
- Scalable frameworks for infrastructure and services.
Outcomes:

1. **New infrastructure** for UWS researchers with the option to place collections in their own Omeka repositories. This provides the foundation of a Digital Humanities data service.

2. The capability to implement an **end-to-end data capture and publishing** system (HIEv) at Research Institutes and Schools, via configuration to enhance its integration with the Institutional Research Data Repository (ReDBox).

3. Commencement of an upgrade to the Institutional Research Data Repository which will **allow DOI’s to be assigned for datasets published to Research Data Australia**, and provide the ability for researchers to produce a data management plan via the repository interface.

4. Ability to support expectations of major funders such as Australian Research Council and National Health and Medical Research Council, around **data management, open access, archiving, data reuse and citation**.

5. **Compliance with UWS Research Data Management and Open Access policies** (draft) which requires researchers to produce data management plans and deposit datasets in ReDBox.

6. **Strengthened relationships between eResearch, Library, and the Office of Research Services**, helping to embed good data management practice into research processes across the University.

7. Roll-out of **research data management training** for Postgraduate and Higher Degree by Research students, researchers, and professional staff.
## Datasets:

<table>
<thead>
<tr>
<th>Dataset</th>
<th>Description</th>
<th>Western Sydney</th>
<th>Australian Social History</th>
</tr>
</thead>
<tbody>
<tr>
<td>From farms to freeways: Women’s memories of Western Sydney</td>
<td>Oral History</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hawkesbury Institute for the Environment (HIE) - multiple datasets</td>
<td>Rainout Shelter sensor data</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>South Creek land ownership</td>
<td>Historical biography</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Website content of Sufism orders in Sydney, Australia.</td>
<td>Comparison and keyword analysis</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
This research project, titled 'From farms to freeways: Women's memories of Western Sydney', sought to analyse the experiences of women who had lived in the Blacktown and Penrith areas since the early 1950s, including their responses to social changes brought about by rapid suburbanisation in the Western Sydney region in the post-war period.

Two-hour taped discussions were held with 34 women, aged sixty and over, who were in their early twenties during the Western Sydney region's population growth. The majority of women interviewed were Australian-born, and of Anglo-Celtic origin.

The research project, conducted in 1991 - 1992, was led by Doctor Deborah Chambers, who was then the Director of the Women's Research Centre. The Women's Research Centre was associated with the Faculty of Humanities and Social Sciences at University of Western Sydney, Nepean. Dr Chambers later wrote a book chapter based on the oral history research:


Associate investigators were Carol Liston and Chris Wieneke, assisted by Summer Research Scholar Larissa Banberry. The taped interviews were administered and transcribed by research assistant Robyn Arrowsmith.

The source of funding for the Western Sydney Women's Oral History Project (PN1991/035) is recorded as: Australian Research Council Small Grant / UWS Nepean Summer Vacation Research.
Technology Ecosystem

Web Content Management Systems
(WordPress, Drupal, Joomla, MediaWiki)

Library and Archival Repository and Digital Collections Systems
(Fedora, Dspace, Greenstone, CONTENTdm)

Museum Collections Management and Online Exhibition Systems
(TMS, KE Emu, PastPerfect, Pachyderm)

[Omeka]
Interview material from Western Sydney women's oral history project: 'From farms to freeways: Women's memories of Western Sydney'
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Western Sydney University

Deborah Chambers (Aggregated by)  Carol Liston (Associated with)  Associate Professor Carol Liston (Associated with)

Full description

The project: 'From farms to freeways: Women's memories of Western Sydney' sought to capture the experiences of women who had lived in Blacktown and Penrith since the early 1950s, including their responses to social changes brought about by rapid suburbanisation in the Western Sydney region in the post-war period. This dataset consists of 34 audio recordings, the resulting interview transcripts, participant photographs, and project material.
TOWARDS AN AUSTRALIAN HUMANITIES
DIGITAL ARCHIVE

GRAEME TURNER
Find and get over 449,059,485 Australian and online resources: books, images, historic newspapers, maps, music, archives and more

23,302 searches this hour

Available online
Australian content
In my libraries

Digitised newspapers and more
Digitised Australian newspapers from 1803 to 1954 and The Australian Women’s Weekly to 1982
Journals, articles and data sets

Books
Pictures, photos, objects
Music, sound and video
Maps

Diaries, letters, archives
Archived websites (1996 - now)
People and organisations
Lists

Trove spotlight: The Australian "WOMEN’S WEEKLY" 1933 – 1982