



science & technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



http://bit.ly/openaccess_SADiLaR

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 **Open Access Week 2018**

Designing Equitable Foundations
for Open Knowledge



October 22 - 28



The role of national research infrastructures in
promoting open access

SADiLaR and SARIR

South African Centre for Digital Language
Resources form part of the
[South African Research Infrastructure
Roadmap](#)



SADiLaR and SARIR

There is a realisation that **access to adequate and relevant research infrastructure is essential to promote the outcomes and quality of research.**

In order to maximise the return from investment in research, scientists and researchers **must have access to modern and appropriate infrastructure.** To underpin this, adequate levels of funding for such infrastructure should form a key component of any national research system.

SADiLaR and SARIR

National research infrastructure should:

- award free, open access to users selected through a world-class peer review competition
- ask the users to publish/share their research results in the public domain
- manage access for proprietary and/or training activities

Honorable - Mrs Naledi Pandor

Open Access & RI

Open Access plays an important to make a RI work

Presentation share how SADIaR contributes to raising awareness and promoting the use of open access in its broadest definition

SADiLaR

South African Centre for Digital Language Resources

A digitisation programme, which entails the systematic creation of relevant digital text, speech and multi-modal resources related to all official languages of South Africa.

A Digital Humanities programme, which facilitates the building of research capacity by promoting and supporting the use of digital data and innovative methodological approaches within the Humanities and Social Sciences.

<http://www.sadilar.org/>

Defining Open Access

Open access (OA) refers to [research](#) outputs which are distributed online and free of cost or other barriers,^[1] and possibly with the addition of a [Creative Commons license](#) to promote reuse.^[1] Open access can be applied to all forms of published research output, including [peer-reviewed](#) and non peer-reviewed [academic journal](#) articles, [conference papers](#), [theses](#),^[2] book chapters,^[1] and [monographs](#).^[3]

Broader definition need to be considered it is not only about access to “journals”

Defining Open Access



SADiLaR & Open Access

As a RI, generate language resources openly available

“Datasets / Language Resources” as research outputs as well as the citation thereof not yet [mainstream practice](#)

SADiLaR & Open Access - Challenges

Force11 and Austin Principles

Actively structure RI in such a way that it makes it easier for users to cite and use resources in line with open science principles when using RI [software](#) and resources.

[SADiLaR Resource Catalogue](#)

Challenge

Build it and they will come...

Resources exist but can user use it?

DH Programme

Which facilitates the building of research capacity by promoting and supporting the use of digital data and innovative methodological approaches within the Humanities and Social Sciences.

SADiLaR Workshops and Training

Sustainability

Strong partnerships and collaborations needed with
“born open” organisations

The Carpentries



The Carpentries

Does not end with a single workshop

Community that can integrate

- Become helpers, instructors and trainers
- International community
- Open lessons

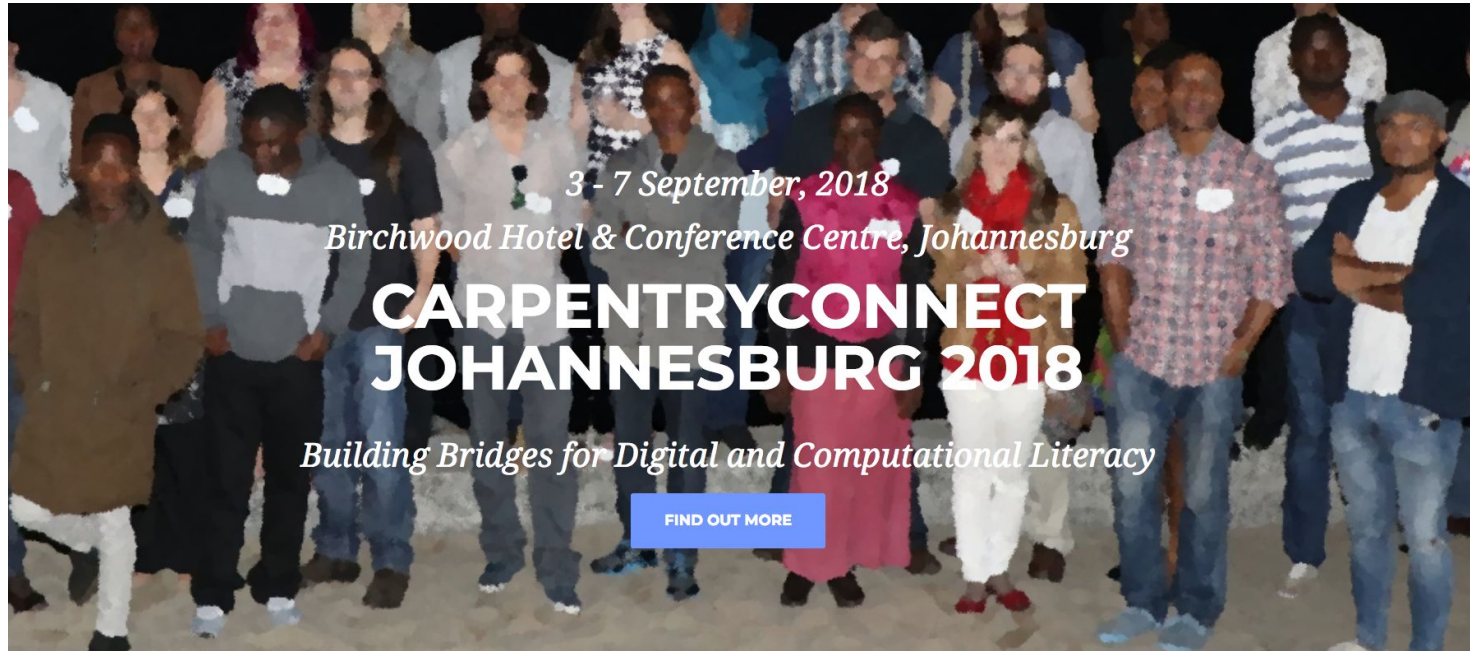
“Community of practice” - “Community that practice open Science”

There is a lot of value in Diversity

Open Lesson example

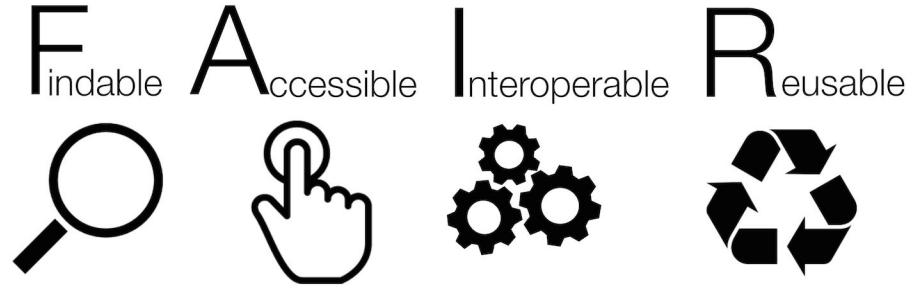
<https://doi.org/10.5281/zenodo.570047>

Carpentry Connect Johannesburg



Carpentry Connect Johannesburg

Multiple HE invited and represented



Believe partnerships with the Libraries very important

NWU Example

ORCID

Connecting Research
and Researchers



figshare

Research Data Management (RDM)

Research Data Management is part of the research process, and aims to make the research process as efficient as possible, and meet expectations and requirements of the university, research funders, and legislation [University of Leicester].

- DFRISA: Data Intensive Research Initiative of South Africa
- NWU figshare pilot

Research Data Management @ NWU: News

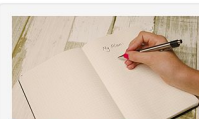
- NWU launches figshare pilot
- NWU Learns about Research Data Management
- Research Data Management: A Collaborative Drive at NWU
- eResearch Initiative



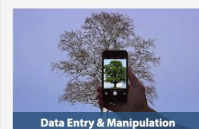
Why Research Data Management



Data Sharing



Data Management Planning



Data Entry & Manipulation



Data Quality Control & Assurance



Protecting Your Data



Thoughts on Collaboration

You sometimes find collaborators in **uncommon places**
- Not necessarily in Humanities -

Sharing same “attitude / approach”

Working with colleagues in Computer Science & Bioinformatics, Biology, IT,
Library

Not just advocate but show through doing open science

Where to from here?

Start small - one step at a time

To learn open skills that I can apply to my current work

To teach students open skills that they can apply to their work in the future

Collaborate get involved with SADiLaR

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