

Open Science

Support systems and services at UCT Libraries

01/11/2018

Niklas Zimmer

Manager: [Digital Library Services](#), UCT Libraries

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[RDM at UCT Slack workspace](#)
2. **Research Data Management (RDM)**
a brief overview
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4. Collaboration: UCT **Open Science Framework (OSF)**
[UCT OSF](#)
5. Publishing data: **ZivaHub**
[ZivaHub | Open Data UCT](#)

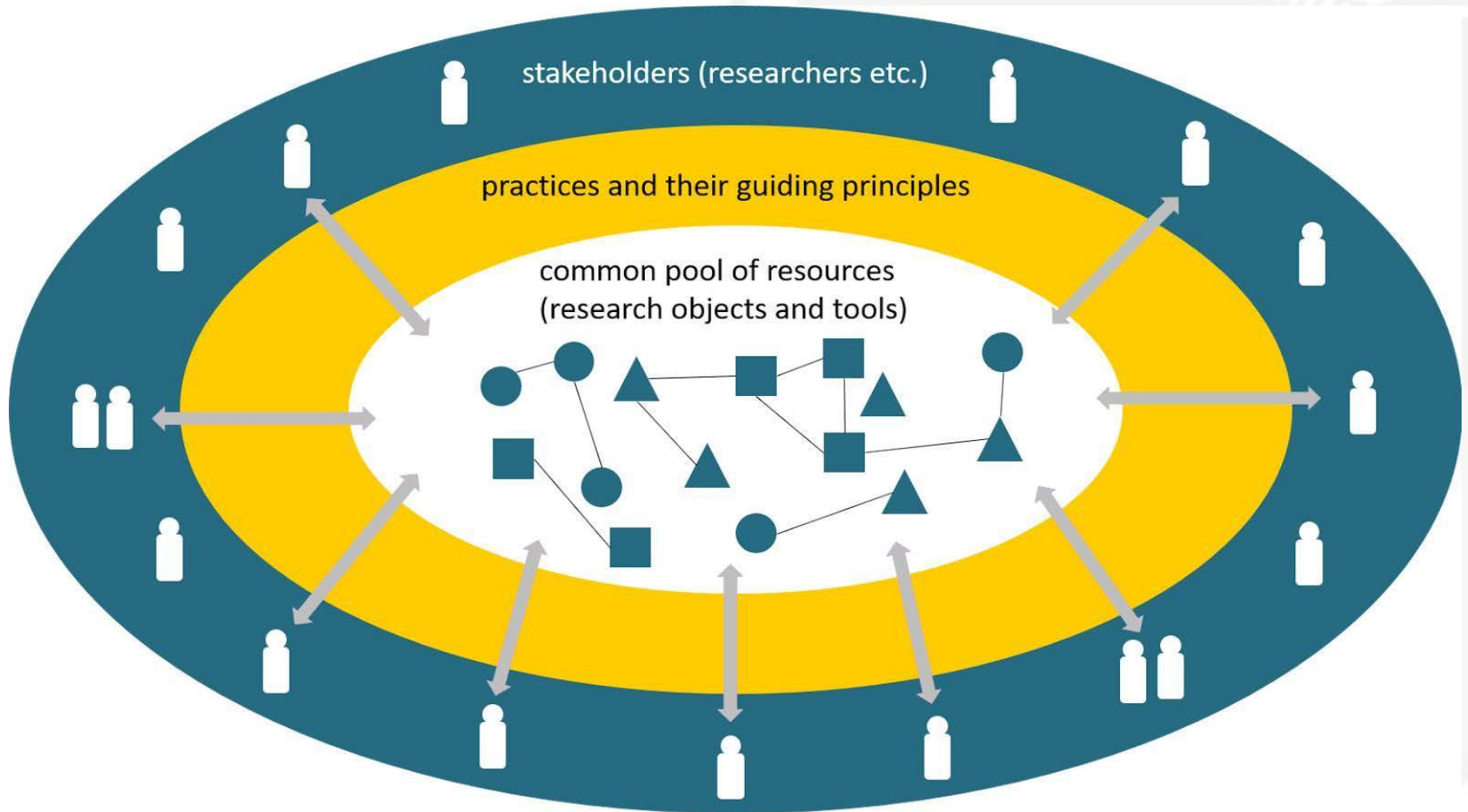


Building a **Scholarly Commons** at UCT

RDM at UCT Slack workspace



The Scholarly Commons concept



Source: Bosman, Jeroen, Ian Bruno, Chris Chapman, Bastian Greshake Tzovaras, Nate Jacobs, Bianca Kramer, Maryann Martone, et al. 2017. 'The Scholarly Commons - Principles and Practices to Guide Research Communication'. Open Science Framework. September 15. osf.io/6c2xt

RDM Scholarly Commons at UCT



UCT LIBRARIES



Adapted from: Bosman, Jeroen, Ian Bruno, Chris Chapman, Bastian Greshake Tzovaras, Nate Jacobs, Bianca Kramer, Maryann Martone, et al. 2017.

[The Scholarly Commons - Principles and Practices to Guide Research Communication](#). Open Science Framework. September 15. osf.io/6c2xt



RDM 'Scholarly Commons' at UCT

RDM at UCT (Slack)

#zivahub_figshare | 72 members | Add a topic

Monday, June 11th

... manual – for accessing discovered data; a requirement to openly and richly describe the context within which those data were generated, to enable evaluation of its utility; to explicitly define the conditions under which they may be reused; and to provide clear instructions on how they should be cited when reused. None of these principles necessitate data being “open” or “free”. They do, however, require clarity and transparency around the conditions governing access and reuse. As such, while FAIR data does not need to be open, in order to comply with the condition of reusability, FAIR data are required to have a clear, preferably machine readable, license. The transparent but controlled accessibility of data and services, as opposed to the ambiguous blanket-concept of “open”, allows the participation of a broad range of sectors – public and private – as well as genuine equal partnership with stakeholders in all societies around the world. ...!

<https://content.iospress.com/articles/information-services-and-use/isu824> (edited)

Wednesday, July 18th

Niklas Zimmer 10:26

https://figshare.com/articles/Monash_University_s_Content_Migration_A_case_study/6396776

Monash University's Content Migration: A case study
Paper posted on 31.05.2018, 15:24 by Andrew Harrison Megan Hardeman
This is a case study based on Monash University's experience migrating content, including their theses, into their instance of Figshare.

For more information on Monash University's content migration, including the coding required to migrate the content and work done in-house versus commissioned by the university, please reach out to Andrew: andrew.harrison@monash.edu.

References
<https://monash.figshare.com/theses>

figshare
Monash University's Content Migration: A case study
This is a case study based on Monash University's experience migrating content, including their theses, into their instance of Figshare. For more information on Monash University's content migration, including the coding required to migrate the content and work done in-house versus commissioned by the university, please reach out to Andrew: andrew.harrison@monash.edu.

Purpose
Figshare helps academic institutions store, share and manage all of their research outputs. Figshare will be the platform for UCT's first Institutional Data Repository (IDR).

Created
Created by you on July 23, 2017

Related channels

#rdm_rds	72
#random	71
#openness	71

72 Members

- Alecia Naidu
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- Anthea Paulsen



Research Data Management (RDM)

a brief overview



Research data management (RDM) in brief

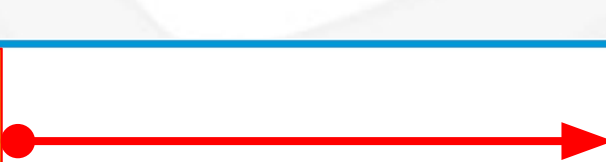
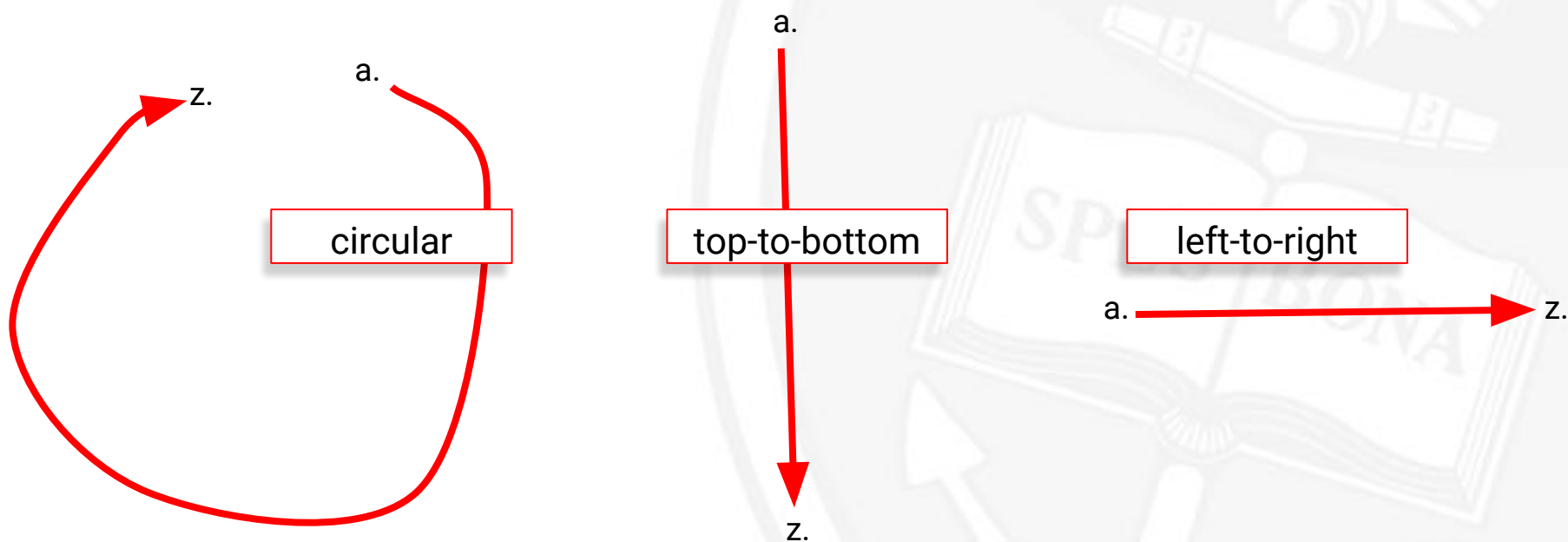


- The organisation and documentation of the data processes (collection, description, de-identification, curation, archiving and publication) within a research project.
- Is already practised by researchers, but often only internally, and to varying degrees of professionalism.
- International drive to professionalise data management practices (more coherent, i.e. shareable)
 - Journals, institutions and funders increasingly stipulate that data be published alongside research outputs (reports, working papers, journal articles)



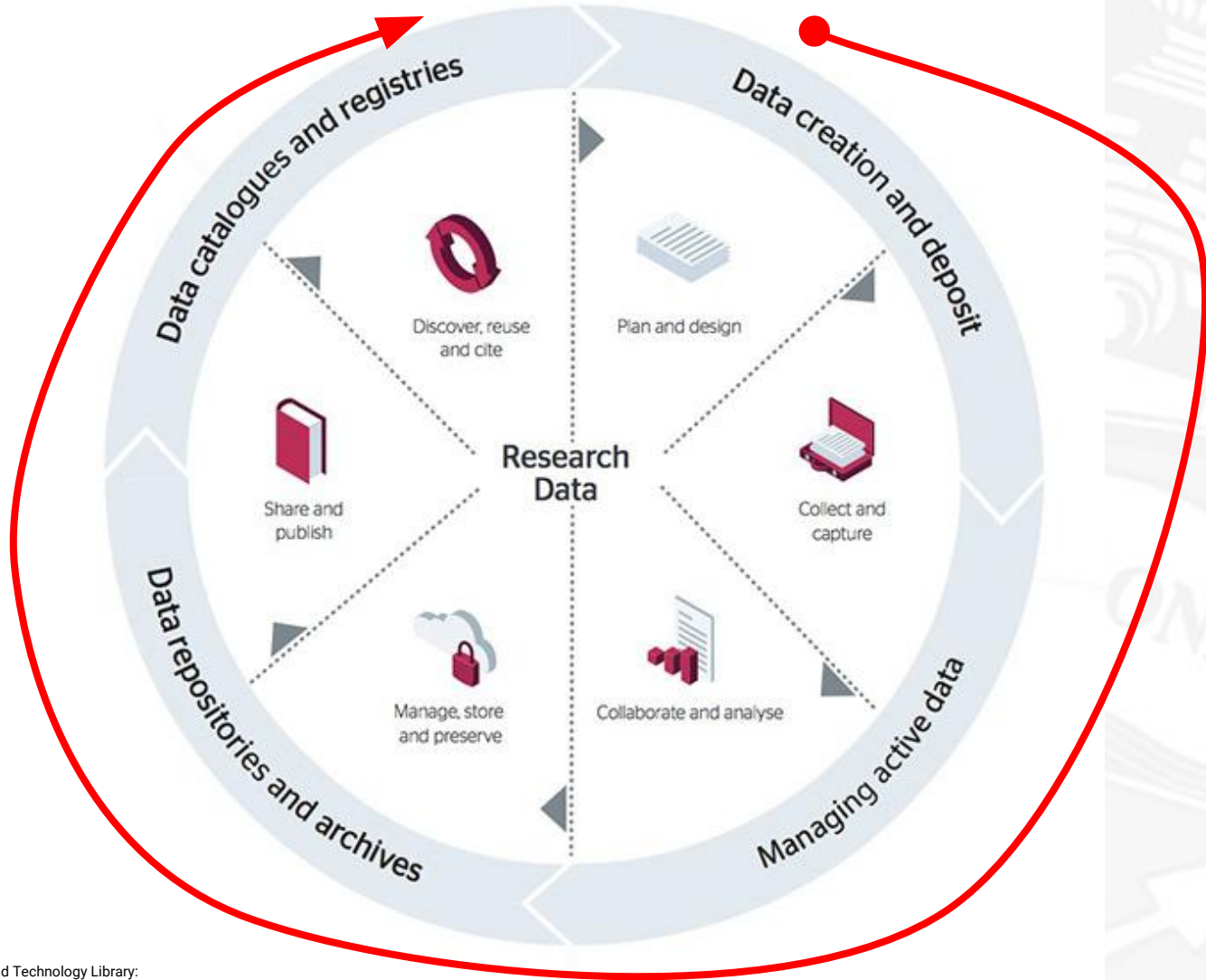
RDM ... whichever way you turn it :)

Information about RDM, from *planning* for data management through to *publishing* research data, is often provided in flow-chart formats:





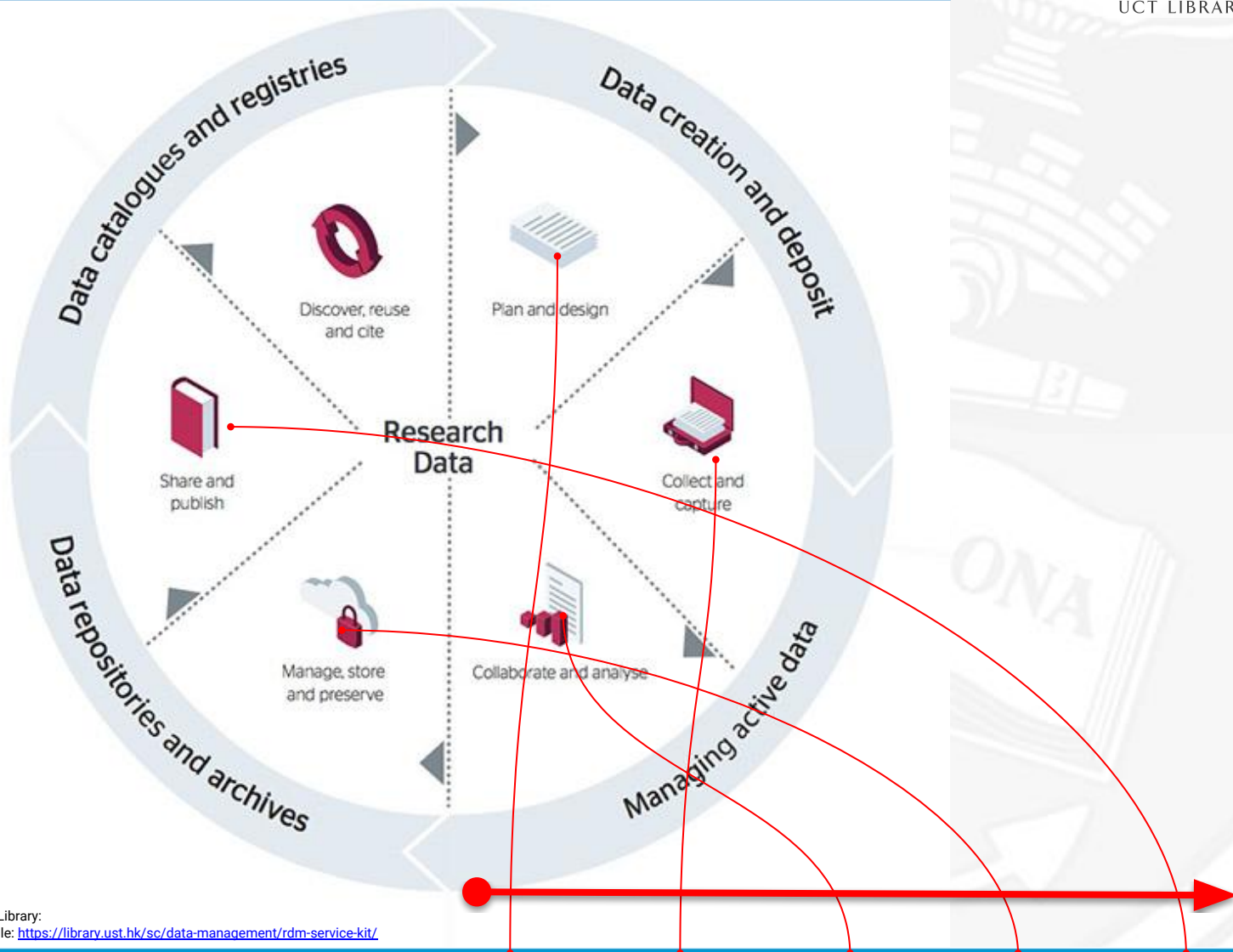
The research data management **lifecycle**



Source: Hong Kong University of Science and Technology Library:
The Research Data Management (RDM) Service Kit. Available: <https://library.ust.hk/sc/data-management/rdm-service-kit/>



The research data management lifecycle

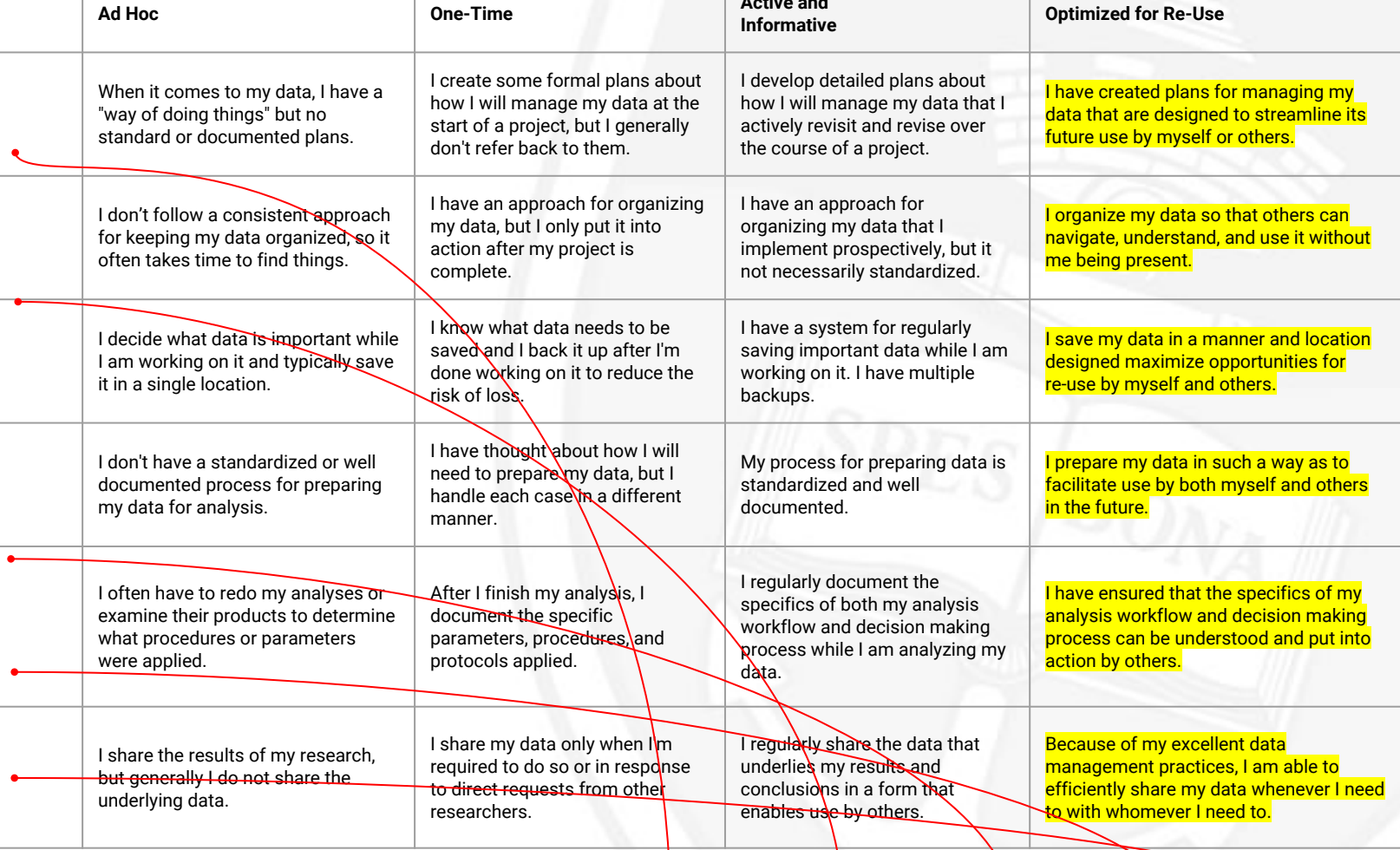


Source: Hong Kong University of Science and Technology Library: The Research Data Management (RDM) Service Kit. Available: <https://library.ust.hk/sc/data-management/rdm-service-kit/>



The Support-Your-Data RDM rubric

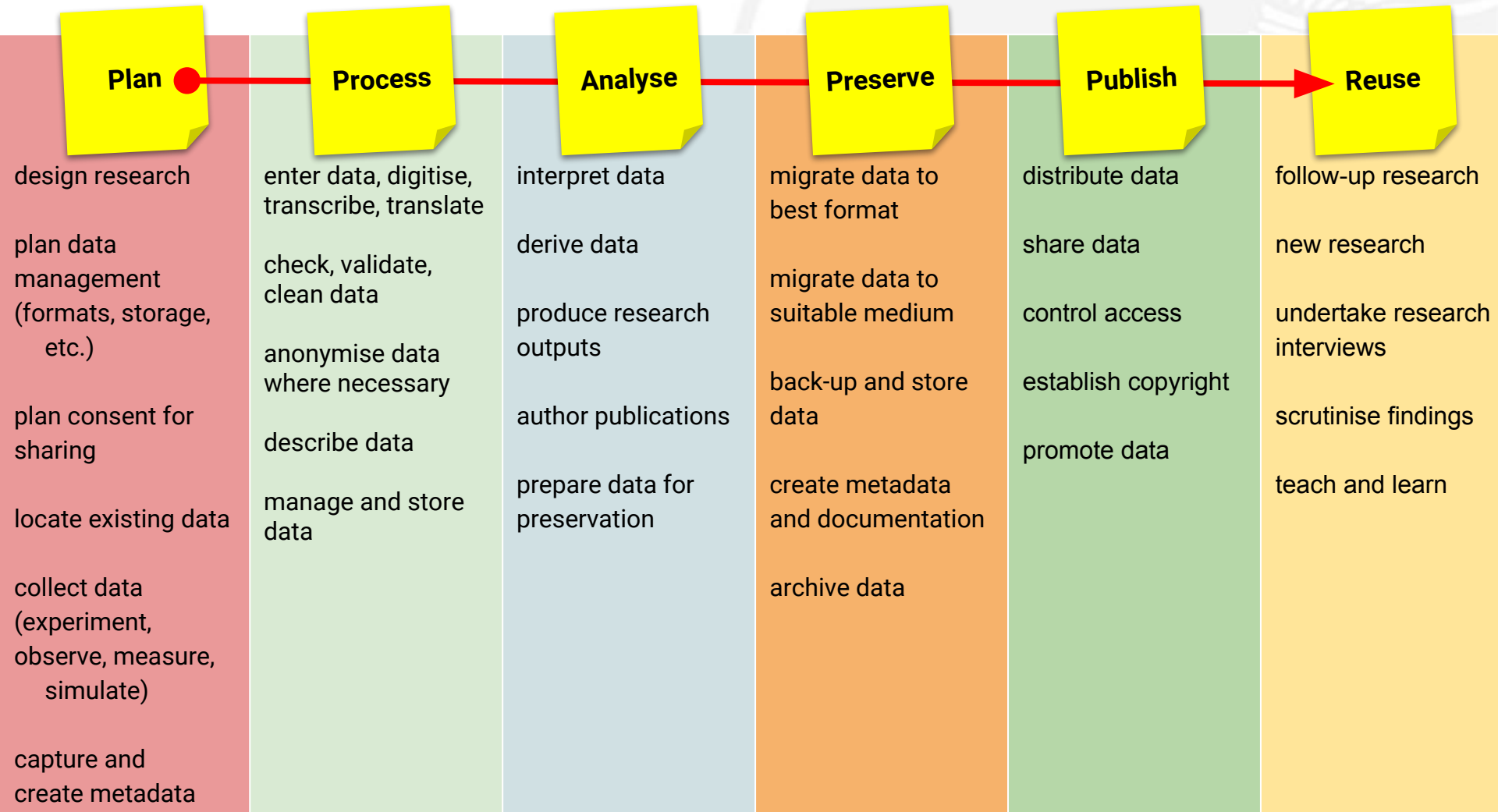
	Ad Hoc	One-Time	Active and Informative	Optimized for Re-Use
Planning your project	When it comes to my data, I have a "way of doing things" but no standard or documented plans.	I create some formal plans about how I will manage my data at the start of a project, but I generally don't refer back to them.	I develop detailed plans about how I will manage my data that I actively revisit and revise over the course of a project.	I have created plans for managing my data that are designed to streamline its future use by myself or others.
Organizing your data	I don't follow a consistent approach for keeping my data organized, so it often takes time to find things.	I have an approach for organizing my data, but I only put it into action after my project is complete.	I have an approach for organizing my data that I implement prospectively, but it not necessarily standardized.	I organize my data so that others can navigate, understand, and use it without me being present.
Saving and backing up your data	I decide what data is important while I am working on it and typically save it in a single location.	I know what data needs to be saved and I back it up after I'm done working on it to reduce the risk of loss.	I have a system for regularly saving important data while I am working on it. I have multiple backups.	I save my data in a manner and location designed maximize opportunities for re-use by myself and others.
Getting your data ready for analysis	I don't have a standardized or well documented process for preparing my data for analysis.	I have thought about how I will need to prepare my data, but I handle each case in a different manner.	My process for preparing data is standardized and well documented.	I prepare my data in such a way as to facilitate use by both myself and others in the future.
Analyzing your data and handling the outputs	I often have to redo my analyses or examine their products to determine what procedures or parameters were applied.	After I finish my analysis, I document the specific parameters, procedures, and protocols applied.	I regularly document the specifics of both my analysis workflow and decision making process while I am analyzing my data.	I have ensured that the specifics of my analysis workflow and decision making process can be understood and put into action by others.
Sharing and publishing your data	I share the results of my research, but generally I do not share the underlying data.	I share my data only when I'm required to do so or in response to direct requests from other researchers.	I regularly share the data that underlies my results and conclusions in a form that enables use by others.	Because of my excellent data management practices, I am able to efficiently share my data whenever I need to with whomever I need to.



Source: Borghi J, Abrams S, Lowenberg D, Simms S, Chodacki J (2018) Support Your Data: A Research Data Management Guide for Researchers. Research Ideas and Outcomes 4: e26439. <https://doi.org/10.3897/rio.4.e26439>



The digital research journey (data focus)





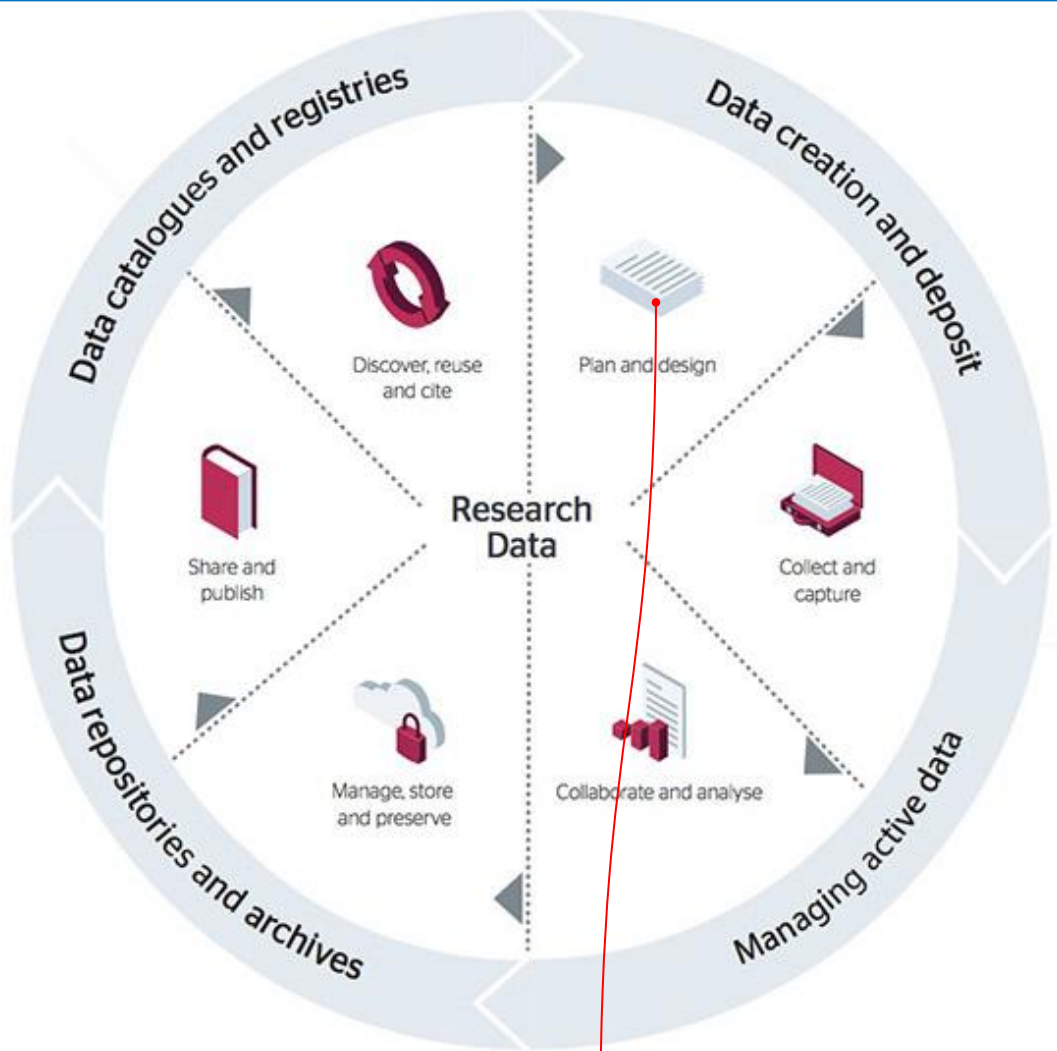
RDM planning: DMPonline

[UCT DMPonline](#)





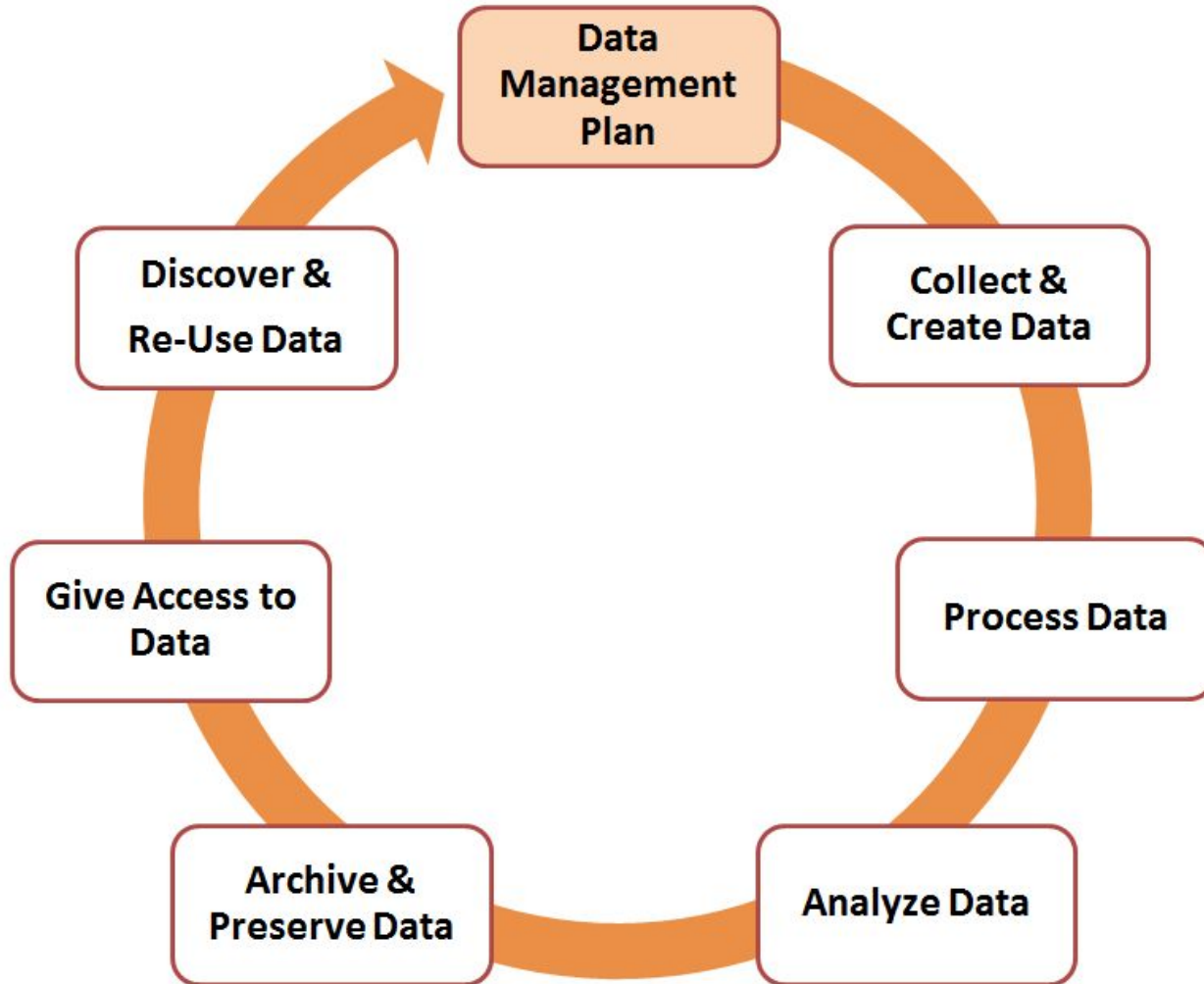
RDM: Plan and design



Source: Hong Kong University of Science and Technology Library: *The Research Data Management (RDM) Service Kit*
Available: <https://library.ust.hk/sc/data-management/rdm-service-kit/>



Planning for data management



Source: University of St Thomas Library. Research Data Management: Getting Started. August 15. <https://libguides.stthomas.edu/RDM>

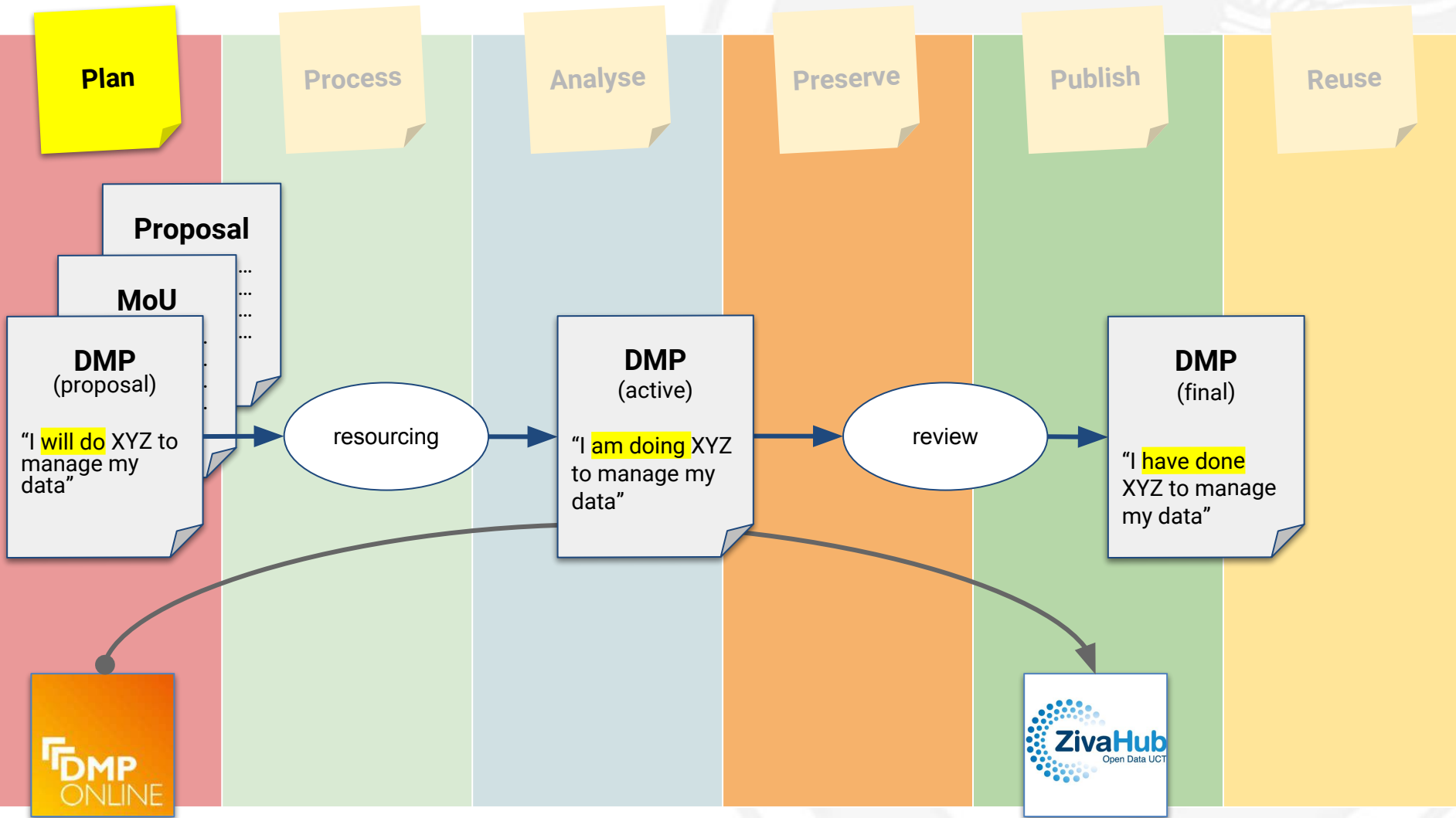


What is a DMP?

- Brief formal document outlining the various stages of the research data lifecycle as pertains to a specific project (including theses/dissertations)
- Aim to plan for, explicate and document RDM practice
- Explains **what** the data for a particular project is, how it will be **collected, managed and curated**, what processes have been put in place to **secure** the data (encryption, backup, archiving) and the identity of research participants (**confidentiality**), how the data will be **shared** and which parts will be shared, and who's **responsible**
- Living document that can/should be revisited and revised



The digital research journey (data focus) [1]





Why create a DMP?

- Assists with project planning
- Allows you a moment to think ahead and focus specifically on planning and budgeting for data activities
- Provides guidance for curation-specific activities, such as file-naming, archiving, formats suitable for long-term preservation, etc.
- Is already a requirement for many funders (NIH, Wellcome Trust, NRF) and as of 2018 for the whole of UCT

NIH Data Sharing Policy and Implementation Guidance

(Updated: March 5, 2003)

This guidance provides the National Institutes of Health (NIH) policy statement on data sharing and additional information on the implementation of this policy.

- Goals of Data Sharing
- Applicability
- Implementation
 - Timeliness of Data Sharing
 - Human Subjects and Privacy Issues
 - Proprietary Data
 - Methods for Data Sharing
 - Data Documentation

Developing an outputs management plan

We expect the researchers we fund to manage their research outputs in a way that will achieve the greatest health benefit.

These guidelines provide an overview of things to consider as you develop your outputs management plan, in line with our [policy on data, software and materials management and sharing](#) and our [policy on intellectual property](#).

Which research outputs are included

Your outputs management plan should set out your approach for maximising the value of the following types of outputs:

- datasets generated by your research

NIH Data Sharing plan -

https://grants.nih.gov/grants/policy/data_sharing/data_sharing_guidance.htm

Wellcome Trust data sharing plan -

<https://wellcome.ac.uk/funding/guidance/developing-outputs-management-plan>





Creating a DMP

- Format/tool agnostic – can use various software
- But: [UCTs DMPonline platform](#) provides guidance for major funders (ERC, NSF, NRF, NIH, Wellcome Trust) - and we keep add more on request!
- Takes the form of guiding questions customised to the specific template chosen
- Two FoHS units have already developed their own custom templates
 - Clinical Research Centre
 - Gender, Health and Justice Research Unit
- NB: major software upgrade is ongoing – layout and functionality due to change soon

Signed in as [Thomas King](#) ▾[View plans](#)[Create plan](#)[About](#)[Roadmap](#)[Help](#)

Create a new plan

Please select from the following drop-downs so we can determine what questions and guidance should be displayed in your plan.

If you aren't responding to specific requirements from a funder or an institution, [select here to write a generic DMP](#) based on the most common themes.

If applying for funding, select your research funder.



Otherwise leave blank.

[Not applicable/not listed.](#)

[Contact us](#) | [Terms of use](#) | [DMPonline previous version](#)

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Signed in as Thomas King ▾

- [View plans](#)
- [Create plan](#)
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My plan (Gender, Health and Justice Research Unit)

- Plan details**
- [GHJRU DMP](#)
- [Share](#)
- [Export](#)

This page gives you an overview of your plan. It tells what your plan is based on and gives an overview of the questions that you will be asked.

[Edit plan details](#)

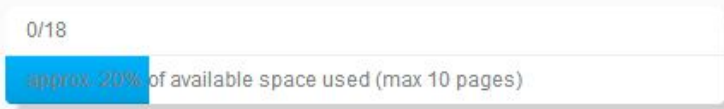
Plan name	My plan (Gender, Health and Justice Research Unit)
ID	-
Grant number	-
Principal Investigator/Researcher	Thomas King
Plan data contact	-
Description	-



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- [View plans](#)
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- [Help](#)

My plan (Gender, Health and Justice Research Unit)



Plan details	GHJRU DMP	Share	Export
1. Project name (1 question, 0 answered)			+
2 Introduction/type of study (1 question, 0 answered)			+
3. Description of existing data (1 question, 0 answered)			+
4. Data collection and generation (3 questions, 0 answered)			+
5. Data management, documentation and curation (5 questions, 0 answered)			+
6. Data publication, sharing and Open Access (5 questions, 0 answered)			+
7. Responsibilities (1 question, 0 answered)			+



5. Data management, documentation and curation (5 questions, 0 answered)

MANAGING, STORING AND CURATING DATA - Indicate how you will be storing and curating your electronic and paper/hard copy data. Focus on principles and systems with brief examples, and avoid long lists.

B *I*

Save

Not answered yet

Guidance [Add comment](#)

UCT Guidance

Qualitative or quantitative data that is de-identified (not containing real names, phone numbers, addresses, IP addresses, email addresses, electronic signatures of participants, or other identifying information) may be stored on cloud (such as Dropbox or Google Drive).

Data containing identifying information of participants must never be stored on Dropbox or Google Drive clouds. Appropriate storage can include: password protected computer hard drives, external hard drives, secure G drive provided on UCT server or secure clouds such as ZivaHub or REDCap. Should a secure cloud be used, this must be explicitly agreed upon by the research study's principal investigator(s).

Ideally, all data sets should have a backup copy in a secure cloud like ZivaHub. While external hard drives are a useful back-up, they should not solely be relied upon as they may be lost or stolen.

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My plan (Gender, Health and Justice Research Unit)

[Plan details](#)[GHJRU DMP](#)[Share](#)[Export](#)

You can give other people access to your plan here. There are three permission levels.

Users with "read only" access can only read the plan.

Editors can contribute to the plan.

Co-owners can also contribute to the plan, but additionally can edit the plan details and control access to the plan.

Add each collaborator in turn by entering their email address below, choosing a permission level and clicking "Add collaborator".

Those you invite will receive an email notification that they have access to this plan, inviting them to register with DMPonline if they don't already have an account. A notification is also issued when a user's permission level is changed.

Collaborators

Email address

Permissions





Signed in as Thomas King ▾

View plans

Create plan

About

Roadmap

Help

My plan (Gender, Health and Justice Research Unit)

Plan details

GHJRU DMP

Share

Export

From here you can download your plan in various formats. This may be useful if you need to submit your plan as part of a grant application. Select what format you wish to use and click to 'Export'.

Format

pdf

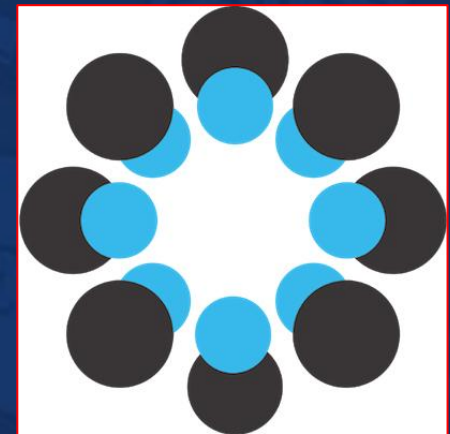
Export

Settings (Using default PDF formatting values)



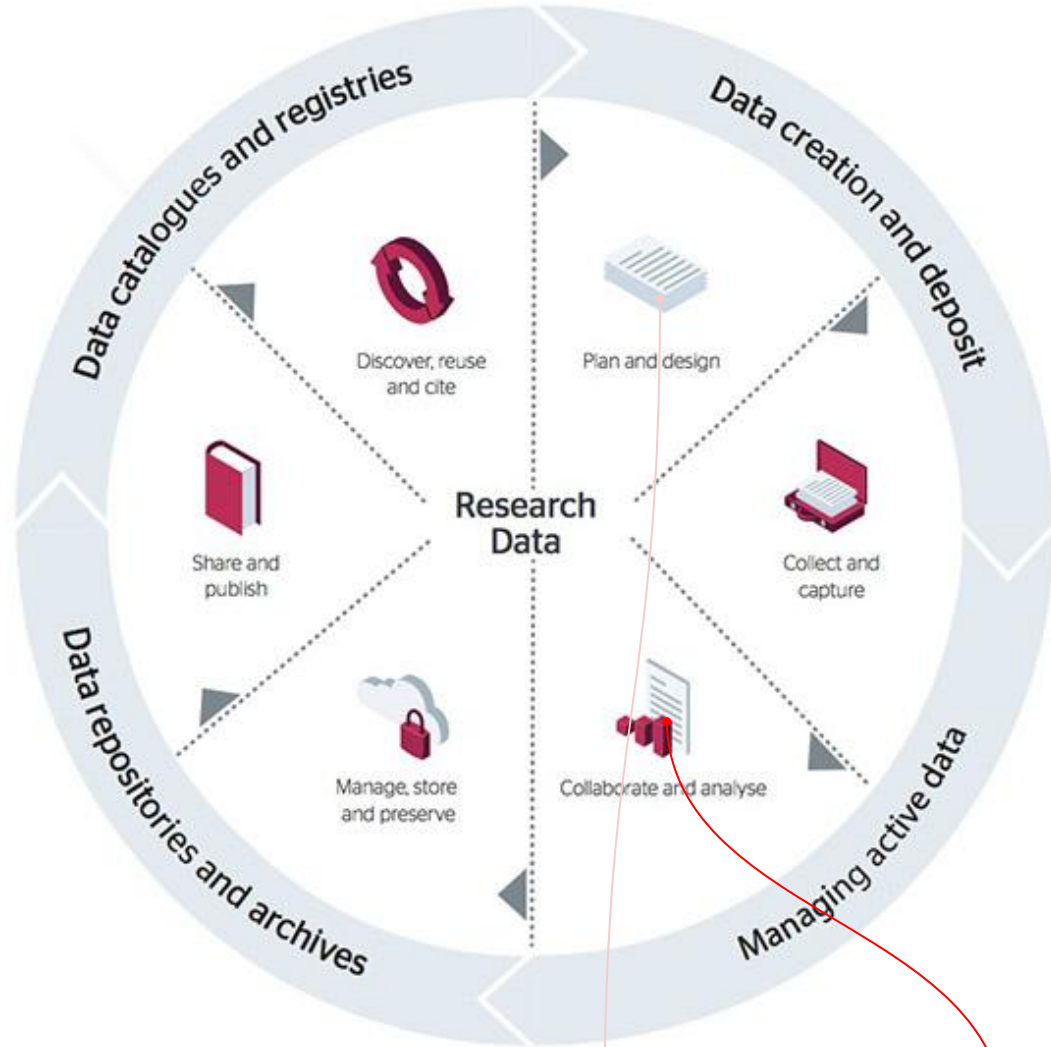


Collaboration (active research phase) UCT Open Science Framework (OSF) UCT OSF





RDM: Collaborate and analyse



Source: Hong Kong University of Science and Technology Library: *The Research Data Management (RDM) Service Kit*
 Available: <https://library.ust.hk/sc/data-management/rdm-service-kit/>



The digital research journey (data focus) [2]



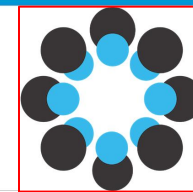
- Research projects today often include a team of researchers scattered geographically who need access to the same data at the same time.
- There are many options for creating shared data stores, dataset transfers, file sharing and other facilities or software required for effective collaboration.
- One of these is the [UCT Open Science Framework](#), an online platform that allows you to register your project, manage stakeholders, and centrally collaborate on data stored at different locations with different collaborators. [\(further reading\)](#)

About the Open Science Framework (OSF)

The OSF is a free and **open source software and project management repository that facilitates open collaboration in science research, supporting researchers across the entire project lifecycle.** As a collaboration tool, OSF helps researchers work on projects privately with a limited number of collaborators and make parts of their projects public, or make all the project publicly accessible for broader dissemination with citable, discoverable DOIs. As a workflow system, OSF enables connections to the many products researchers already use to streamline their process and increase efficiency.

The latest of **21 community preprint services built on the OSF** is **AfricArxiv**, which supports preprints, postprints, code and data, and welcomes submissions from all African languages, including Akan, Twi, Swahili and Xhosa.

niklas.zimmer@uct.ac.za



NeuroVault



OJS
Open Journal Systems

VIVO
connect • share • discover

zenodo



Ju[ubiquity press
open scholarship



The
Dataverse
Network
Project



Publish
Report

Search and
Discover



Write
Report

Develop
Idea



Interpret
Findings

Design
Study



Acquire
Materials



Analyze
Data

Collect
Data



GitLab



GitHub



Bitbucket

Store
Data



Google Drive



OneDrive



box



Sign in through UCT

1. Navigate to the OSF home page <https://osf.io/>
2. Click on **Sign in**
3. Under 'Sign in through institution', select **University of Cape Town**
4. Enter your SSO details.



OSF Institutions

institution has partnered with OSF, please select its name below and sign in with your institutional credentials.

If you do not currently have an OSF account, this will create one for you.


Sign in through institution

Select your institution

-- select an institution --

I have read and agree to the [Terms of Use](#) and [Privacy Policy](#).

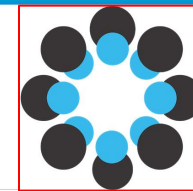
SIGN IN

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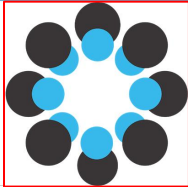


edit your profile

Click on 'My Profile' to edit your details.

Edit your profile

Social	Employment	Education
	Personal website	http://www.niklaszimmer.co.za
	ORCID	0000-0001-8078-0403
	ResearcherID	E-9593-2016
	Twitter	NikasZimmer
	LinkedIn	niklaszimmer
	Google Scholar	https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AjsN-F70wk5DxjOb_4Gd3sAm8BKFRoba-Y3m10TsKYsOpX9hVILPH0bSRIsghWgP-LYs0v7nqo_Ze95QaD35v5UlrFoiro0T3Q&user=5Re-qF8AAAAJ
	ResearchGate	Niklas_Zimmer
	Academia	uct.academia.edu/NiklasZimmer



create a project



My Projects Browse and organize all your projects

All my projects

Collections

All my projects

All my registrations

All my preprints

Bookmarks (1)

Contributors

renate

Tags

Digital Library

Digital Library Infrastructure

Digital Preservation

Digitisation

Create new project

Title

Enter project title

Affiliation

Select all Remove all



Storage location

United States

United States

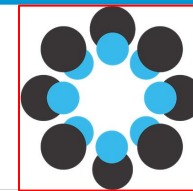
Australia - Sydney

Canada - Montréal

Germany - Frankfurt

Create Project

1. Click on **'Create Project'**
2. Enter a project title
3. Affiliate the project to UCT
4. Choose an OSF storage location
(NB: free, unlimited cloud storage)





adding contributors, storage, etc.

Digital Preservation Infrastructure - investigation project

Private Make Public **0** LIBRARIES

Contributors: **Niklas Carl Zimmer**, rene

contributors

Affiliated Institutions: None

Date created: 2017-07-28 12:47 PM | Last updated: 2018-10-02 11:23 AM

Category: Project

Description:

The Libraries' capabilities for managing primary digital assets of UCT are incomplete, which poses a serious risk to the university. This is caused by significant gaps in software systems, workflows/guidelines and guidelines/policies. [...] The high degree of complexity of the envisaged infrastructure requires this discreet investigation. It serves to make specific recommendations towards the implementation of a Digital Preservation Infrastructure (DPI), i.e. PHASE 2.

License: Add a license

forks

Wiki
Add important information, links, or images here to describe your project.

Files

Click on a storage provider or drag and drop to upload

Filter

Name	Modified
Digital Preservation Infrastructure - investigation project	
- Google Drive: DLS_Project_2017_DPI-investigation	
+ DPI Project-outputs (2018)	
+ Perpetua (Arkivum)	
+ Reference Readings	
+ Systems Software	
+ Workflows Sketches	
- OSF Storage (United States)	

storage providers

Citation

Components

Add Component Link Projects

Add components to organize your project.

components

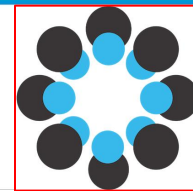
Tags

Digital Archive x Digital Asset Management x Digital Library x Digital Library Infrastructure x Digital Preservation x Digital Workflow Management x Digitisation x Add a tag

tags

Recent Activity

- Niklas Carl Zimmer removed Jeremiah Pietersen as contributor(s) from Digital Preservation Infrastructure - investigation project 2018-10-02 11:23 AM
- Niklas Carl Zimmer made bibliographic contributor Jeremiah Pietersen a non-bibliographic contributor on Digital Preservation Infrastructure - investigation project 2018-10-02 11:23 AM
- Niklas Carl Zimmer removed Kayleigh Lino as contributor(s) from Digital Preservation Infrastructure - investigation project 2018-05-14 04:09 PM
- Niklas Carl Zimmer removed Erika Mias as contributor(s) from Digital Preservation Infrastructure - investigation project 2018-01-17 01:20 PM



adding contributors



Filter by name

Contributors + Add

Drag and drop contributors to change listing order.

Permissions ?

- Administrator
- Read + Write
- Read

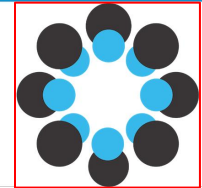
Bibliographic Contributor ?

- Bibliographic
- Non-Bibliographic

Name	Permissions ?	Bibliographic Contributor ?
Niklas Carl Zimmer	Administrator	<input checked="" type="checkbox"/>
rene	Read + Write	<input checked="" type="checkbox"/>

View-only Links + Add

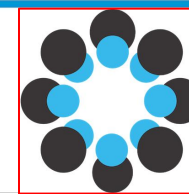
Create a link to share this project so those who have the link can view—but not edit—the project.





contributor permissions

A “Read” contributor can...	A “Read + Write” contributor can...	An “Administrator” can...
<ul style="list-style-type: none">• view the contents of the project, component, registration, or preprint	<ul style="list-style-type: none">• view the contents of the project, component, registration, or preprint• upload, edit, delete, + check out files• create, edit, + delete wiki pages• configure add-ons• create new components within the project• add and remove institutional affiliations to the project or registration	<ul style="list-style-type: none">• view the contents of the project, component, registration, or preprint• upload, edit, delete, + check out files• create, edit, + delete wiki pages• configure add-ons• create new components within the project• add and remove contributors• modify contributor’s permissions• create view-only links for the project or registration• make a project private or public• delete the project• create a preprint from the project• register the project• view and edit draft registrations• end a registration’s embargo• add and remove institutional affiliations to the project or registration





adding components

OSFHOME ▾

Digital Preservation Infrastructure - inv... Files

Contributors: Niklas Carl Zimmer, rene
Institutions: None
Created: 2017-07-28 12:47 PM | Last Updated: 2018-10-02 11:23 AM
Type: Project
Description: ...
Add a license

Important information, links, or images here to describe your project

on a storage provider or drag and drop to upload

Digital Preservation Infrastructure - investigation project

- Google Drive: DLS_Project_2017_DPI-investigation
- + DPI Project-outputs (2018)
- + Perpetua (Arkivum)
- + Reference | Readings
- + Systems | Software
- + Workflows | Sketches
- OSF Storage (United States)

Private Make Public 0

software systems, workflows/guidelines and guidelines/policies.
on of a Digital Preservation Infrastructure (DPI), i.e. PHASE 2.

Add Component Link Proj

Digital Library x Digital Library Infrastructure x
Management x Digitisation x Add a tag

Recent Activity

- Niklas Carl Zimmer removed Jeremiah Pietersen as contributor(s) from Digital Preservation Infrastructure - investigation project 2018-10-02 11:23
- Niklas Carl Zimmer made bibliographic contributor Jeremiah Pietersen a non-bibliographic contributor on Digital Preservation Infrastructure - investigation project 2018-10-02 11:23

Create new component

Title

Affiliation Select all Remove all

Storage location

Add contributors from Digital Preservation Infrastructure - investigation project
Admins of Digital Preservation Infrastructure - investigation project will have read access to this component.

Add tags from Digital Preservation Infrastructure - investigation project

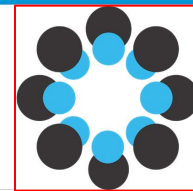
License
This component will inherit the same license as Digital Preservation Infrastructure - investigation project. [Learn more.](#)

▼ More

Description

Category (for descriptive purposes)

Cancel Create



Add-ons



- Select Add-ons
- Configure Add-ons**

Select Add-ons

Sync your projects with external services to help stay connected and organized. Select a category and browse the options.

Categories

- All ▶
- Citations ▶
- Storage ▶

Search...

	Bitbucket	Enable
	Box	Enable
	Dataverse	Enable
	Dropbox	Enable
	figshare	Disable
	GitHub	Enable
	GitLab	Enable
	Google Drive	Disable

Configure Add-ons

figshare

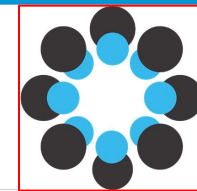
[Import Account from Profile](#)

Google Drive authorized by Niklas Carl Zimmer

[Disconnect Account](#)

Current Folder: DLS_Project_2017_DPI-investigation

[Change](#)

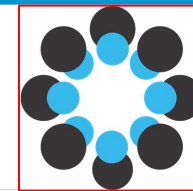




OSF in summary

- **Structured projects:** Manage files, data, code, and protocols in one centralized location and easily build custom organization for your project - No more trawling emails to find files or scrambling to recover from lost data
- **Controlled access:** Control which parts of a project are public or private, making it easy to collaborate and share with the community or just your team
- **Enhanced workflow:** Automate version control, get persistent identifiers for projects and materials, pre-register your research, generate preprints, and connect your favorite third-party services directly to OSF
- **Dependable Repository:** OSF's Preservation Fund preserves and maintains read access to any hosted data on OSF. This fund is sufficient for 50+ years of read access hosting at present costs.

from: <https://cos.io/our-products/osf/>





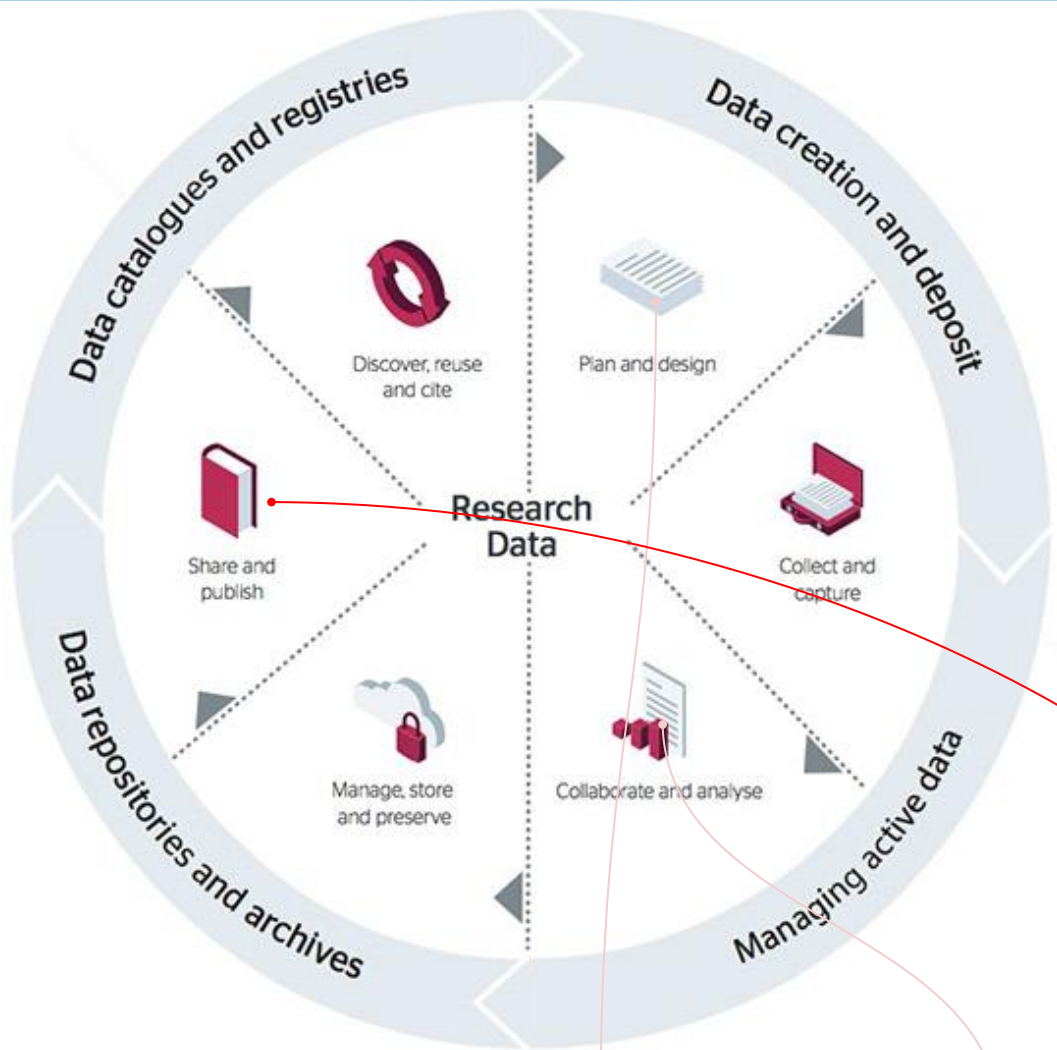
Publishing your data: ZivaHub

ZivaHub | Open Data UCT





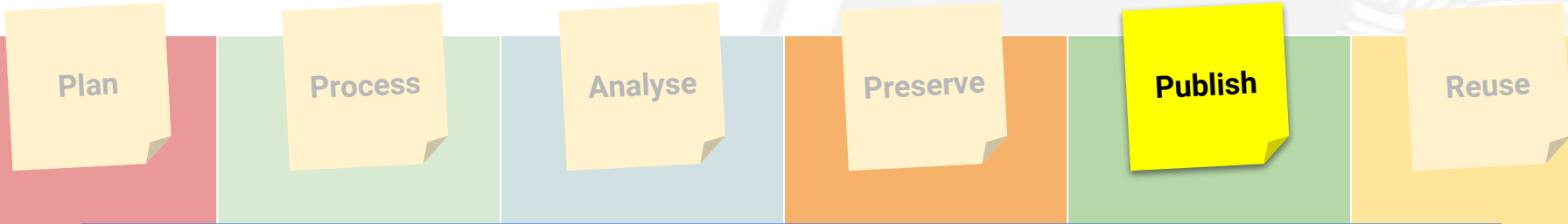
RDM: Share and publish



Source: Hong Kong University of Science and Technology
Available: <https://library.ust.hk/sc/data-management/>



The digital research journey (data focus) [3]



- For maximum impact, both research outputs and research data should be publicly available on an open-access platform.
- We support open-access publishing of research outputs, including publications and data.

ZivaHub: overview



UCT LIBRARIES

- UCT's Institutional Data Repository for publishing or sharing data
- Powered by Figshare for Institutions - online platform for citing, sharing, and discovering research data
- 20 GB free cloud storage per user / project
- Request for increase in storage allowance - contact Digital Library Services

ZivaHub: overview



UCT LIBRARIES

- Can upload multiple formats including audio, video, images, spreadsheets, documents, surveys, datasets and posters
 - Can render multiple file formats with in-browser visualiser
- Federated system: data is available online from anywhere in the world



ZivaHub: overview

- Get UCT Digital Object Identifiers (DOIs) for your research outputs
- The DOI minted via ZivaHub makes your data publication is identifiable as UCT output (contains the letters 'uct')
- Increase citations and boost your research metrics
- Greater visibility of research outputs once published
- Discoverability: allows other researchers to find your work, enabling collaborative research



ZivaHub: overview

- Control how your research outputs are accessed
 - Public records or private links
- Validate and authenticate your research outputs
- Comply with NRF and other funder and publisher requirements around making data openly accessible and stored in perpetuity
- Associate your ORCID number to your ZivaHub profile

ZivaHub: publication options



- **Private data** - uploaded/deposited into the repository, but nothing is shared or published
- Can create **metadata-only** record to link out to where content is already stored
- **Embargoed** data - uploaded to the repository, but the data is not immediately published

ZivaHub: licensing options



- Apply Creative Commons or other appropriate licenses to define terms of re-use
- Default is CC-BY allows others to reuse your data without seeking direct permission from you, as long as they credit you as the original creator of the work.
 - Also available: CC0, MIT, GPL, Apache, CC BY-SA



ZivaHub: getting started

- Step 1: Go to <https://uct.figshare.com/>
 - NB: Use your institutional login credentials
- Step 2: Upload your content in 9 easy steps
 - Create *record*, add *title*, add *authors*, select *category*, choose *file-type*, add *keywords*, write *description/abstract*, select *licence*, choose *publication type*
- Support resources:
 - [UCT ZivaHub start-up guide](#)
 - [Figshare for institutions end user guide](#)

ZivaHub: additional features



- Collections:
 - gather interesting content from other Figshare users according to whatever principle you desire, and share the collection with others.
 - Can use to create course readers, examples of existing datasets in your field, etc.
- Projects:
 - Create a space for private uploads and private sharing with specific individuals (collaborators in other institutions, external reviewers, etc.)
 - Default private; can be published later.

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Drag files to upload
 You can add keywords and other details later

[Browse for files](#)



[+ Create a new item](#)



0 kB 20 GB

search my data...

<input type="checkbox"/>	Actions	STATUS	TYPE	CREATED	SIZE
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B *I* U \times_2 \times^2

Authors

Dishaad Brey × Search co-authors by name, full email or ORCID. Hit enter after each.

Categories

Select categories ▼

Keyword(s)

Add keywords for easy discovery. Hit enter after each

References

Link to references or related content

Hit return for a new reference

Privacy settings

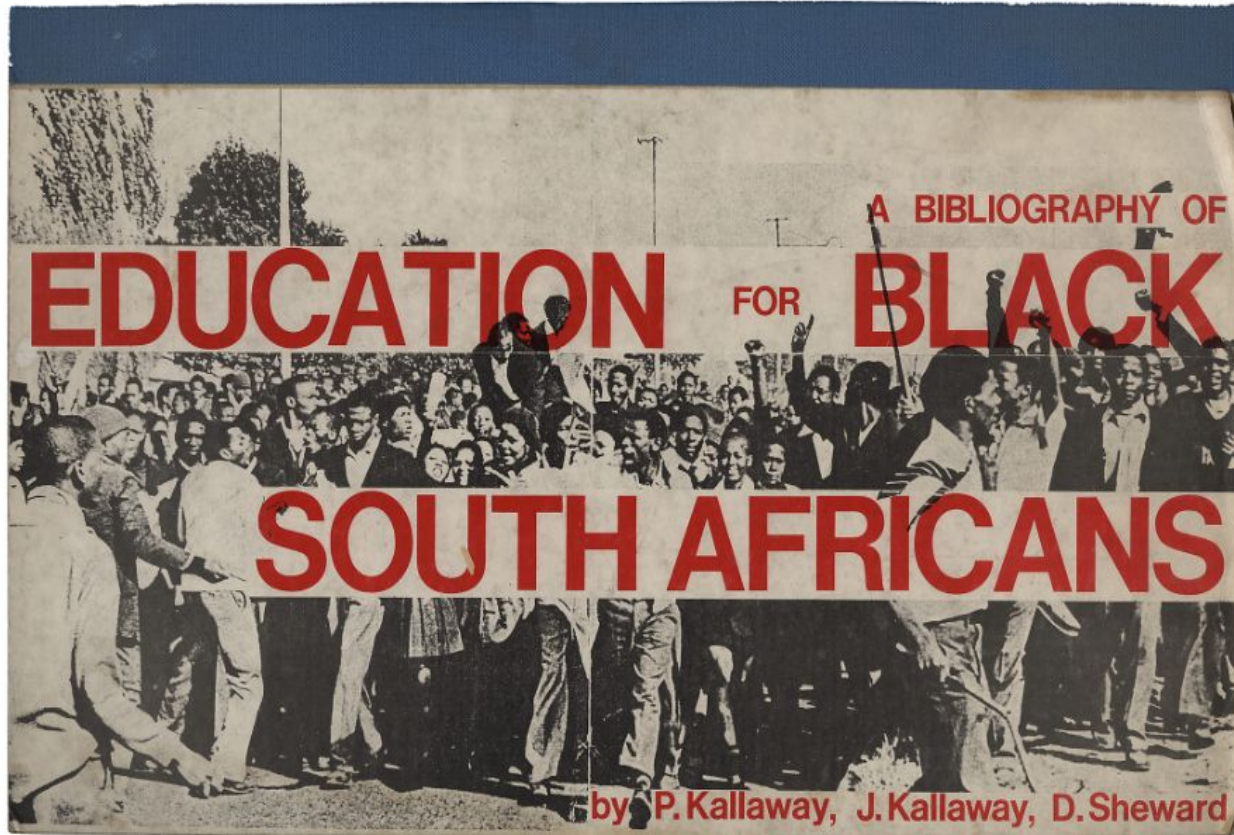
Note: You can apply this setting after all the items in your collection will be made public

Display this collection publicly

DOI Reserve Digital Object Identifier

Save changes

Cancel & go back



Edubase-publication_cover_Peter-Kal... .tif (51.46 MB) ⬇



MD5: f7a8d29d22ff1e22d2c1fabb7d91349e | 📄

Cite

Download all (85.19 MB)

Share

Embed

+ Collect (you need to log in first)

1/7 < > 🗪 ☰



ZivaHub: metrics



Cite

Download (2.97 MB)

Share Embed + Collect ...

Mapungubwe-type glass beads from the glass bead cache (see Figure 7) on the edge of a lower terrace, northern side of Mapela.

172 views	26 downloads
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Figure posted on 31.10.2014, 05:50 by Shadreck Chirikure, Munyaradzi Manyanga, A. Mark Pollard, Foreman Bandama, Godfrey Mahachi, Innocent Pikirayi

Mapungubwe-type glass beads from the glass bead cache (see Figure 7) on the edge of a lower terrace, northern side of Mapela.

READ THE PEER-REVIEWED

Zimbabwe Culture before Map

Evidence from Mapela Hill, S

Zimbabwe



ZivaHub: roles & responsibilities

- Storage and management of so-called 'raw', e.g. unprocessed data is the responsibility of the researcher, *not* of the Libraries
see: [DLS: 'Data Storage'](#)
- Researchers upload (self-publish) their processed data and/or links to it on Figshare, accepting the terms provided
see: [UCT terms](#) | [Figshare user guide](#)
- Curators check the content for completeness and if possible offer suggestions
see: [Figshare: 'Curation and Review'](#)



Reminder: **Scholarly Commons** at UCT

[RDM at UCT Slack workspace](#)





RDM 'Scholarly Commons' at UCT

RDM at UCT (Slack)

#zivahub_figshare | 72 members | Add a topic

Monday, June 11th

... manual – for accessing discovered data; a requirement to openly and richly describe the context within which those data were generated, to enable evaluation of its utility; to explicitly define the conditions under which they may be reused; and to provide clear instructions on how they should be cited when reused. None of these principles necessitate data being “open” or “free”. They do, however, require clarity and transparency around the conditions governing access and reuse. As such, while FAIR data does not need to be open, in order to comply with the condition of reusability, FAIR data are required to have a clear, preferably machine readable, license. The transparent but controlled accessibility of data and services, as opposed to the ambiguous blanket-concept of “open”, allows the participation of a broad range of sectors – public and private – as well as genuine equal partnership with stakeholders in all societies around the world. ...! <https://content.iospress.com/articles/information-services-and-use/isu824> (edited)

Wednesday, July 18th

Niklas Zimmer 10:26
https://figshare.com/articles/Monash_University_s_Content_Migration_A_case_study/6396776

Monash University's Content Migration: A case study
 Paper posted on 31.05.2018, 15:24 by Andrew Harrison Megan Hardeman
 This is a case study based on Monash University's experience migrating content, including their theses, into their instance of Figshare.

For more information on Monash University's content migration, including the coding required to migrate the content and work done in-house versus commissioned by the university, please reach out to Andrew: andrew.harrison@monash.edu.

References
<https://monash.figshare.com/theses>

figshare
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Purpose
 Figshare helps academic institutions store, share and manage all of their research outputs. Figshare will be the platform for UCT's first Institutional Data Repository (IDR).

Created
 Created by you on July 23, 2017

Related channels

#rdm_rds	72
#random	71
#openness	71

72 Members

- Alecia Naidu
- Andiswa Mfengu
- Andre Landman
- Andre Le Roux
- Andrew Deacon
- Andrew Lamprecht
- Anita Campbell
- Anthea Paulsen



RDM 'Scholarly Commons' at UCT



UCT LIBRARIES

RDM at UCT (Slack)

UCT DMPonline

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72 members

Monday, June 11th

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Message #



RDM 'Scholarly Commons' at UCT

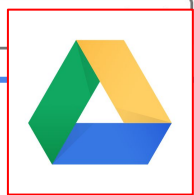


UCT LIBRARIES

[RDM at UCT \(Slack\)](#)

[UCT DMPonline](#)

[OneDrive / Google Drive etc.](#)



RDM 'Scholarly Commons' at UCT



UCT LIBRARIES

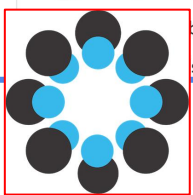
The image shows a Slack channel interface for '#zivahub_figshare'. On the left is a sidebar with a list of channels, including '#zivahub_figshare' which is highlighted. The main area shows a post from Niklas Zimmer with a link to a Figshare article. Several callout boxes with red borders point to specific elements: 'RDM at UCT (Slack)' points to the Slack logo; 'UCT DMPonline' points to the DMP ONLINE logo; 'OneDrive / Google Drive etc.' points to the OneDrive and Google Drive logos; and 'UCT Open Science Framework (OSF)' points to the OSF logo. A red circle highlights the '# osf' channel in the sidebar. The bottom of the image shows a row of icons for Slack, DMP ONLINE, OneDrive, and OSF.

[RDM at UCT \(Slack\)](#)

[UCT DMPonline](#)

[OneDrive / Google Drive etc.](#)

[UCT Open Science Framework \(OSF\)](#)



RDM 'Scholarly Commons' at UCT



UCT LIBRARIES

The screenshot shows a Slack channel interface. On the left is a sidebar with a list of channels: #academia-edu, #carpentries, #data-curation, #digital-preservation (circled in red), #digital-scholarship, #dls_engage, #dmp, #g-suite, #general, #gis, #identifiers, #linked-data, #metadata, #oer, #openness, #osf, #random, #rdm_newsfeeds, #rdm_rds, #software-as-research, #zenodo, and #zivahub_figshare. The main area shows a post from Niklas Zimmer on Monday, June 11th, with a link to a Figshare article. Below it is another post from Wednesday by Niklas Zimmer with a link to a Monash University case study. The bottom of the screen shows a message input field.

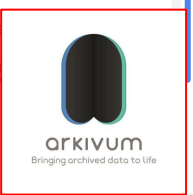
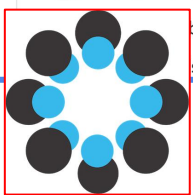
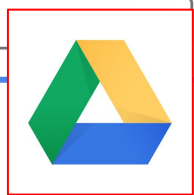
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[UCT Open Science Framework \(OSF\)](#)

[Digital preservation \(DLS\)](#)



RDM 'Scholarly Commons' at UCT



UCT LIBRARIES

RDM at UCT
Niklas Zimmer

Jump to...

All Unreads
All Threads

Starred
rds-wg

Channels

- # academia-edu
- # carpentries
- # data-curation
- # digital-preservation
- # digital-scholarship
- # dls_engage
- # dmp
- # g-suite
- # general
- # gis
- # identifiers
- # linked-data
- # metadata
- # oer
- # openness
- # osf
- # random
- # rdm_newsfeeds
- # rdm_rds
- # software-as-research
- # zenodo
- # zivahub_figshare**

Direct Messages

- slackbot
- Niklas Zimmer (you)
- Bella Knemeyer

#zivahub_figshare

72 | 0 | Add a topic

Monday, June 11th

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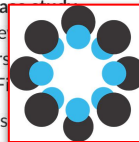
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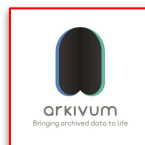
[UCT Open Science Framework \(OSF\)](#)

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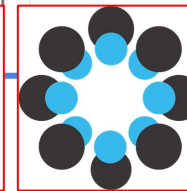
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[Digital preservation \(DLS\)](#)

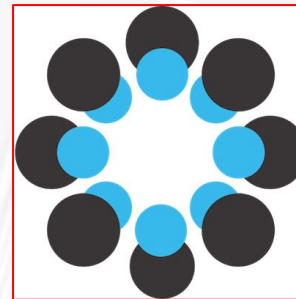


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Thank You



contact us: dls@uct.ac.za