

What is eResearch?

Emerging Researcher Seminar

Thursday 1 November 2018



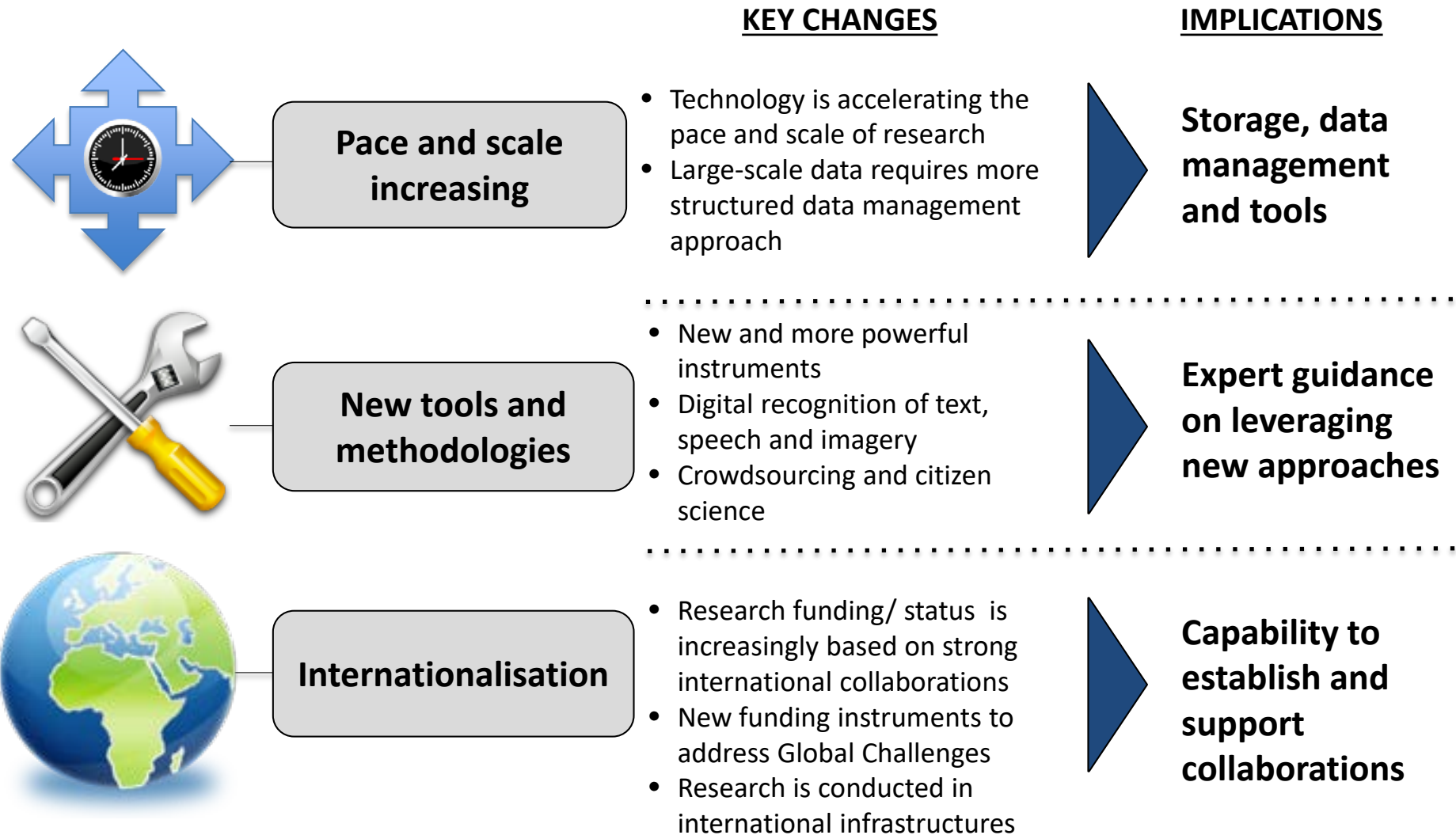
Dr Dale Peters
Director: UCT eResearch

Why do I need eResearch?



The world of research is changing

Researchers rely much more on ICT as a component of their research, whether it is management of data or the software and tools for undertaking their research, or in collaboration and finding collaborators.



SOUTH AFRICAN

RESEARCH INFRASTRUCTURE ROADMAP

FIRST EDITION

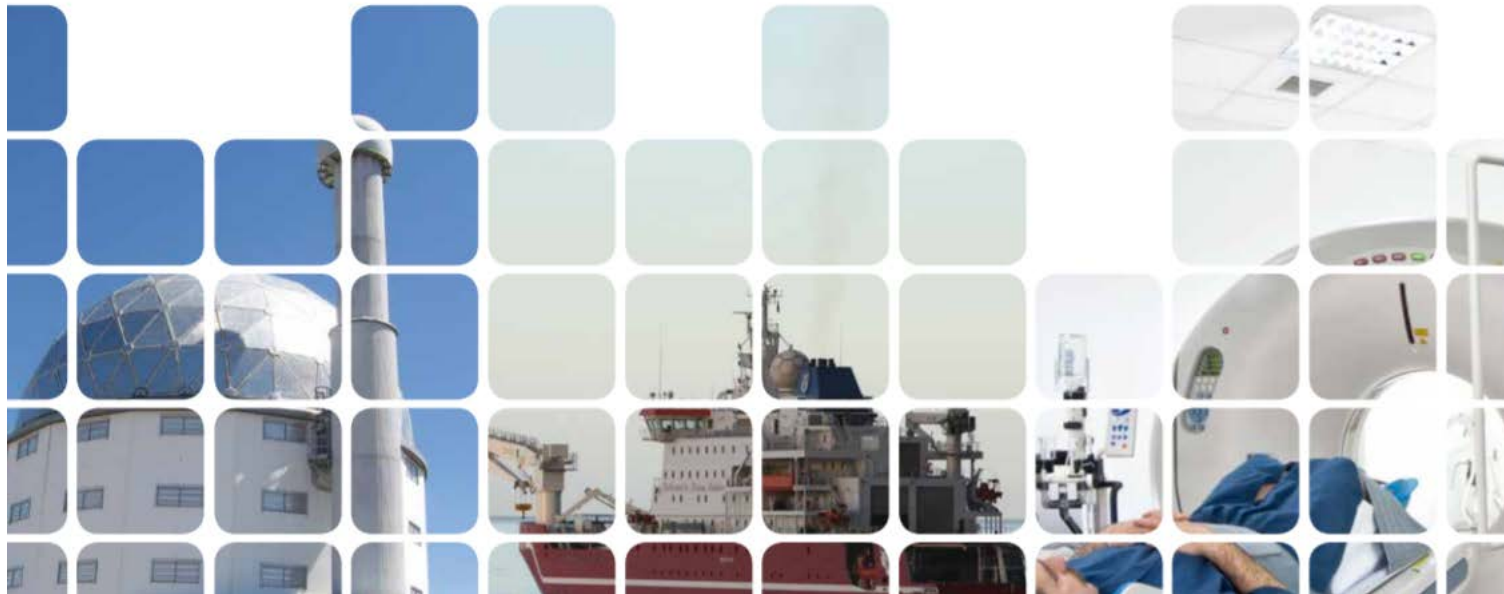


Table 2: Selected SARIR RIs based on meta-design reports

Scientific domain	Identified research infrastructure
Humans and society	South African network of health and demographic surveillance sites
	National centre for digital language resources
Health, biological and food security	Distributed platform for “omics” research
	Biobanks
	Nuclear medicine research facility
Earth and environment	South African marine and Antarctic research facility
	Biogeochemistry research infrastructure platform
	Expanded national terrestrial environmental observation network
	Shallow marine and coastal research infrastructure
	Natural sciences collection facility
Materials and manufacturing	Nano-micro manufacturing facility
	Materials characterisation facility
Energy	Solar research facility



European Strategy Forum
on Research Infrastructures

ESFRI

European Research Infrastructures with global impact

Some examples from the ESFRI Roadmap

https://ec.europa.eu/research/infrastructures/pdf/esfri_brochure_0113.pdf




SWITCH




eRESEARCHSA



Research Revolution



Pace and scale increasing



New tools and methodologies



Internationalisation

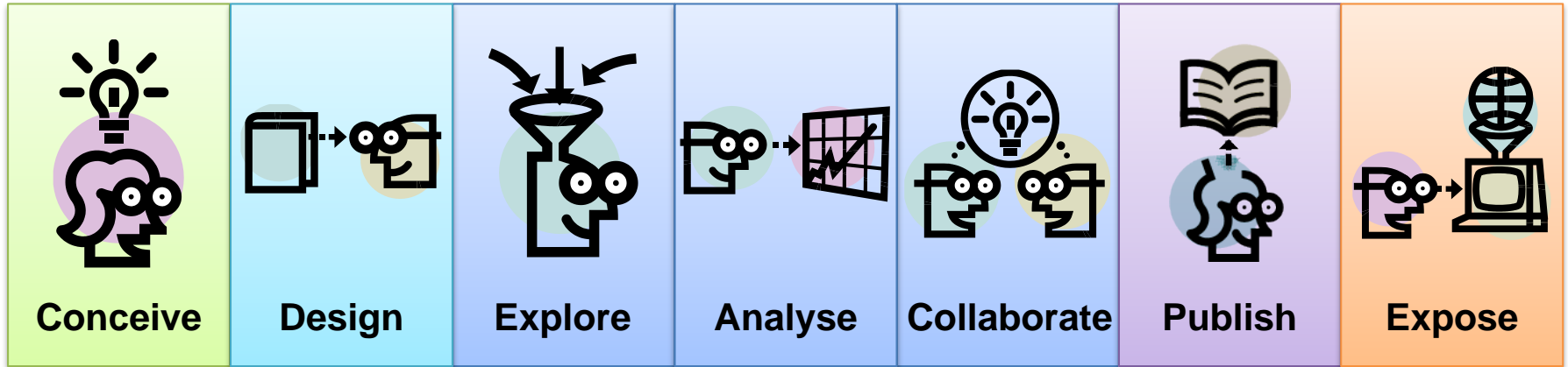


THE UNIVERSITY OF AUCKLAND
MAIDMENT THEATRE

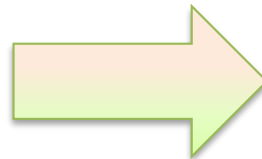


Delivering efficiencies that save researchers time and money

Each researcher has a workflow for their research lifecycle. eResearch explores the question of how we can strengthen that research workflow (or 'pipeline') using the latest tools, technologies and approaches.



Strengthen the workflow



More thinking time

How can eResearch help me?







The diagram illustrates the research data lifecycle as a circular path of seven stages: Plan, Acquire, Access & collaborate, Analyse, Comprehend, Manage & archive, and Publish & reuse. Each stage is represented by a circular icon with a specific color and a corresponding icon. The background is a dark space with stars and concentric dashed circles.

UCT eResearch

Supports every step of your
research data lifecycle

Emerging Research Seminar Series

Find out how eResearch can help you throughout the research data lifecycle – from preparing your proposal to publishing your results – with this training seminar of four parts:

1. What is eResearch?

An introduction to the services available throughout the research lifecycle from proposal to publication.

2. Open Science – is this for me?

Explore novel research practices to increase your research visibility and the global pace of innovation,

3. Useful storage options and research tools

Experiment with available tools and services that make research easier.

4. How to keep your research safe

Learn how to apply best practice in cybersecurity to protect and safely share your research data.

When: Thursday 1 November 2018, 9:00 to 12:30

Where: RISR Seminar Room, Allan Cormack House,
2 Rhodes Avenue, Mowbray

RSVP: contact Judith Rix (judith.rix@uct.ac.za) by
29 October 2018

@UCT_eResearch | www.eresearch.uct.ac.za



- HOME
- RESEARCHER DEVELOPMENT
- FUNDING & CONTRACTS
- RESEARCH INTEGRITY
- RESEARCH DATA
- RESEARCH OUTPUTS
- ACCREDITATION & EVALUATION
- ERA SYSTEM
- CONTACT US



Research support hub

UCT's central destination for all your research needs.

<http://www.researchsupport.uct.ac.za/>



- UCT
- Research support hub
- Research & innovation
- UCT libraries
- UCT eResearch

- Home
- People
- UCT research outputs

Welcome to the University's Research Portal

The portal provides details on researchers, research projects and publications at the University. There are three main ways of accessing the information:

- selection of thematic research areas, organisational units or staff through a direct search in the box below,
- browsing the options in the menu on the left, and
- selecting different filters.



General search

Search

[Latest UCT research outputs](#)

<https://eraonline.uct.ac.za/converis>

ERESEARCH AFRICA 2019 CALL FOR ABSTRACTS NOW OPEN

FIND OUT MORE

eResearch
Africa 2019
DataScience4D

Explore the practice, principles and

UCT 
eResearch

ERESEARCH REPORT 2017 - 18 NOW AVAILABLE

As researchers grapple with growing data sets and new requirements for greater openness in the research lifecycle, the work of UCT eResearch becomes more critical for the research endeavour.

[READ MORE](#)

eResearch FAQ's



Why eResearch?

To accelerate outputs and competitiveness in support of UCT's research agenda

What does eResearch do?

Partner with researchers to find and build solutions for technological and data management challenges

What is the difference between eResearch and ICTS?

ICTS focuses on enterprise services such as email and security. eResearch only supports research functions and relies on ICTS for infrastructure

What is the role of the Libraries and the Research Office?

The libraries are involved in research data management planning and advice and the research office is responsible for advocacy and outreach

How do I get hold of eResearch?

ereseach@uct.ac.za or <http://www.ereseach.uct.ac.za/>

What do eResearch services cost?

Our cost model is available on the website at:

<http://www.eresearch.uct.ac.za/billing-model>

Can staff and students both make use of eResearch services?

Absolutely, if you are a researcher you can work with eResearch

Who typically makes use of eResearch, and how?

Generally it is principal investigators who approach us but often it's their students too

Do you work with individual researchers or only communities?

We prefer to work with communities of researchers because in this way our efforts have the greatest impact for the least cost

Do you work with Humanities and Social Sciences, or only with Sciences?

We are happy to assist any researcher at UCT

Feedback

- Better professional use of social media
- Multiple email accounts prevents use of single sign on (SSO) to third party services
- Office 365 tools including NextCloud
- Mindful online collaboration