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Impact and knowledge dissemination: sharing your research using Open Research(er) Visibility Tools – with elements of Dr Nader Ale Ebrahim's view

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Impact and knowledge dissemination: sharing your research using Open Research(er) Visibility Tools – with elements of Dr Nader Ale Ebrahim's view

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WITS-Edinburgh Doctoral Programme in Sustainable African Futures (WESAF) 2 May 2024, Glenburn Conference Centre, Muldersdrift, SA

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WESAF DOCTORAL PROGRAMME | UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG | THE UNIVERSITY of EDINBURGH | In partnership with mastercard foundation

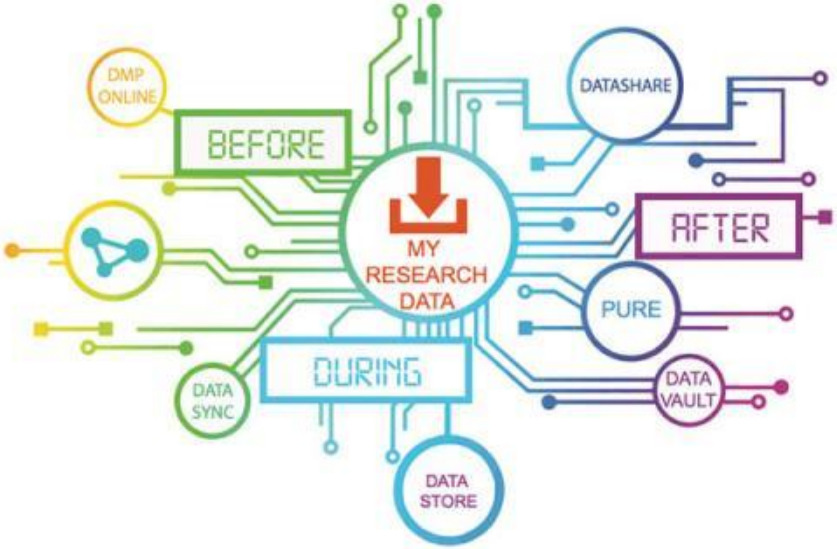
Robin Rice
Head, Research Data Support, Library, University of Edinburgh



Head of Library Research Support & Deputy Director

Dominic Tate



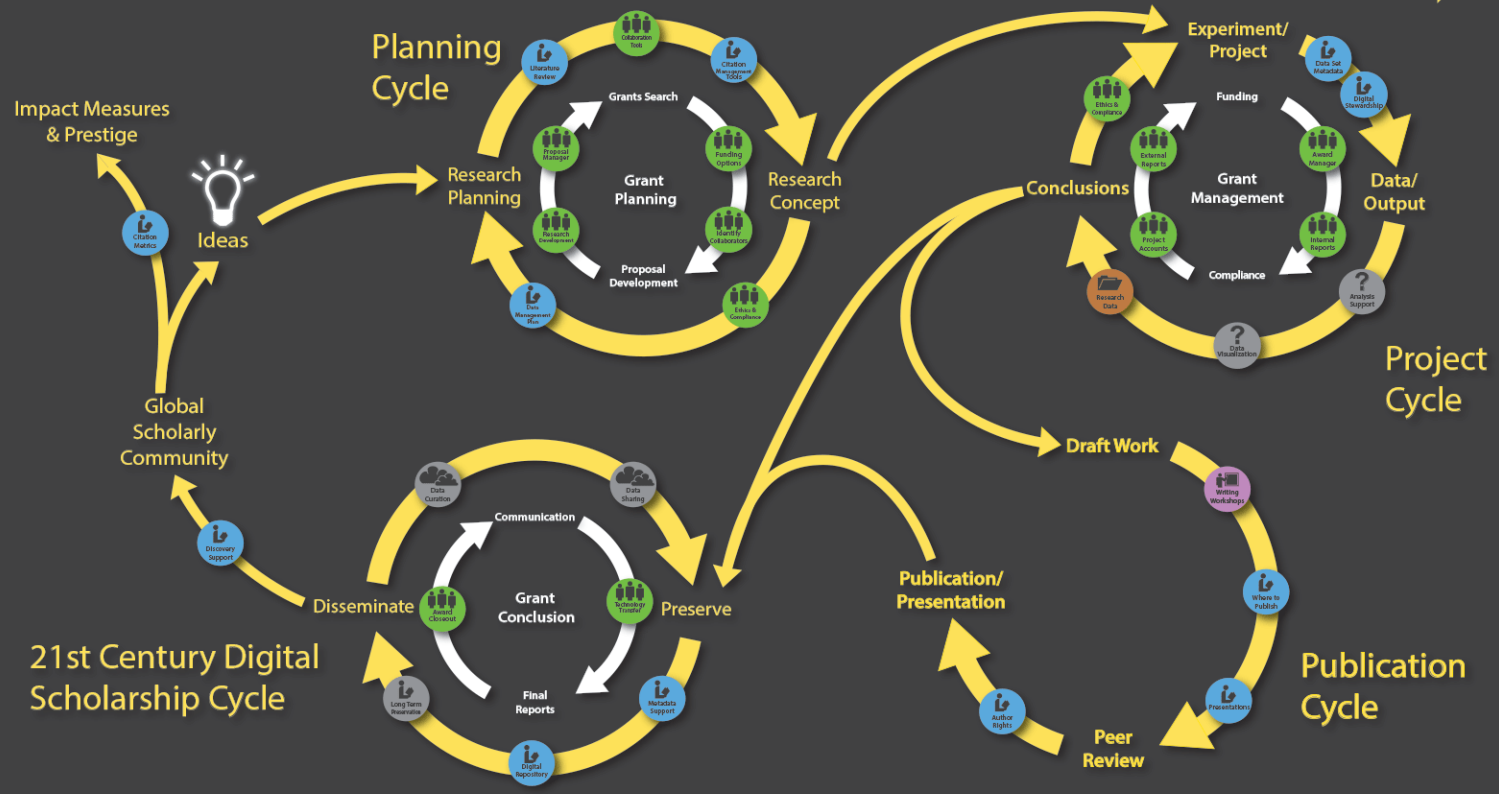


Edinburgh Open Research

Research Lifecycle at University of Central FL

Version 2.0

A library-led institutional collaboration to develop a mental model of research support and services



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Legend

- Research Data Management
- Faculty Center for Teaching and Learning
- Libraries
- Office of Research and Commercialization
- Institute for Simulation & Training
- Not yet supported

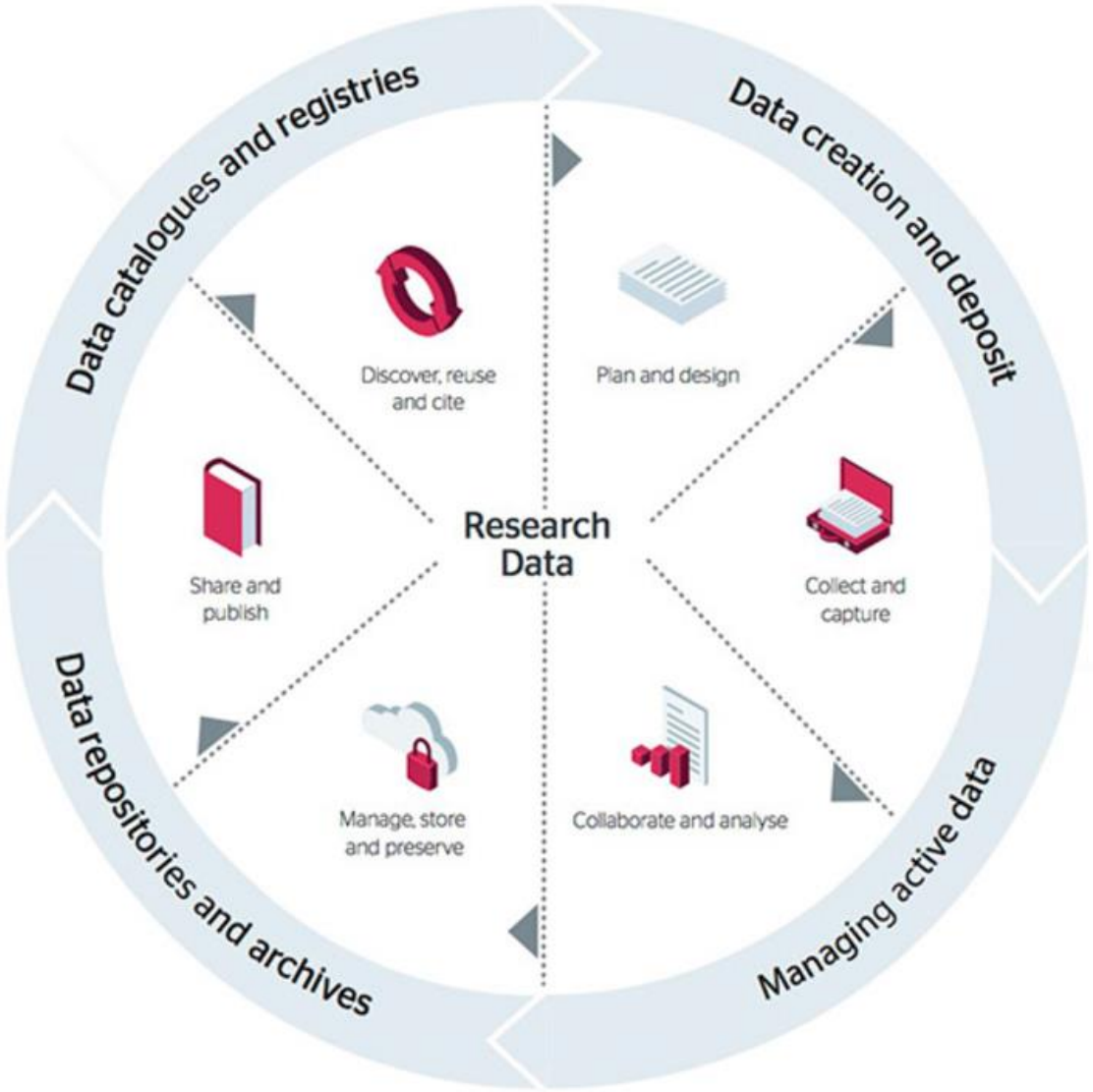
Design Inspiration by OpenWetWare

library.ucf.edu/ScholarlyCommunication



“DATA IS THE NEW GOLD”

What is Research Data Management (RDM)?



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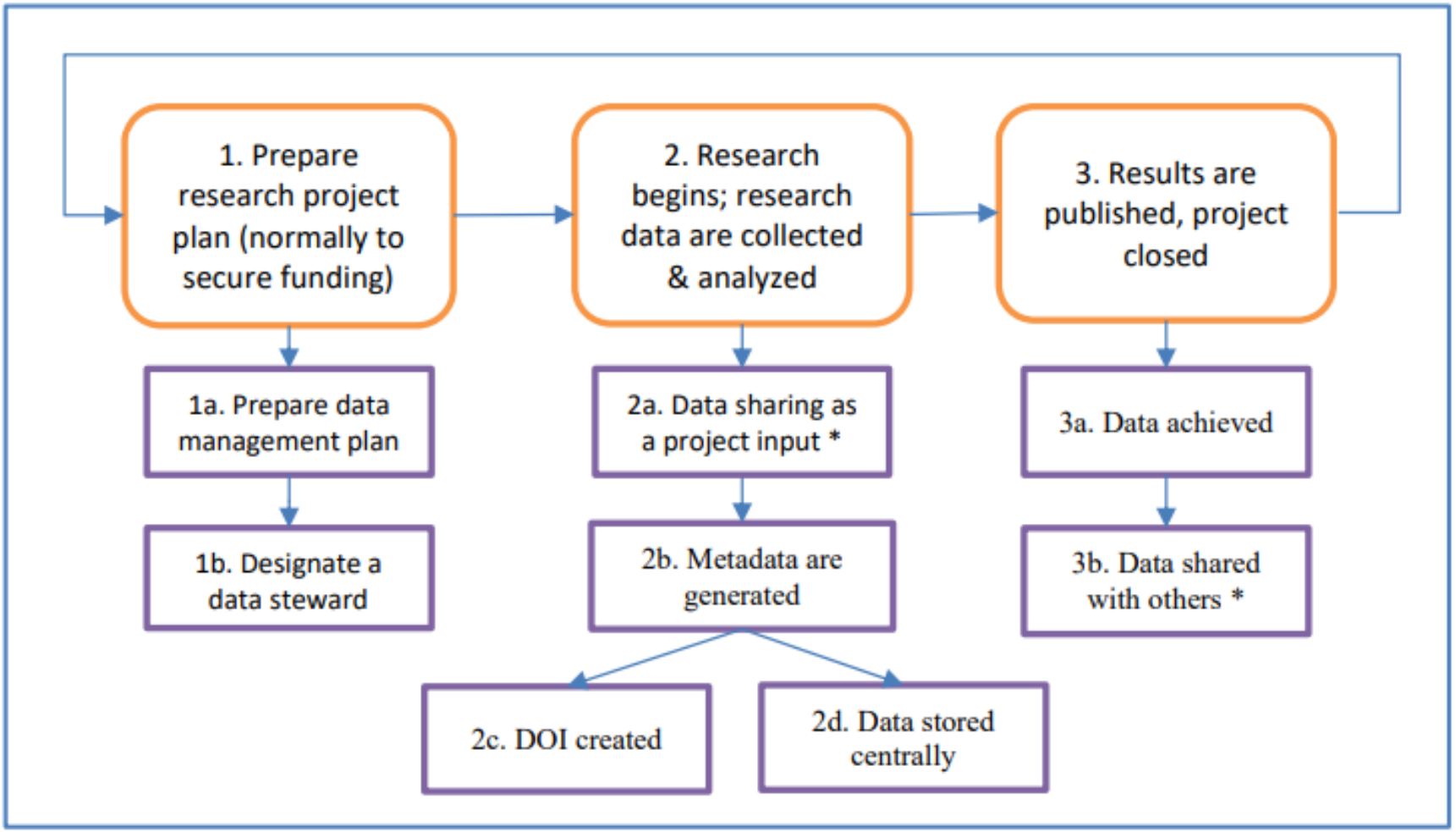
POLICY DOCUMENT

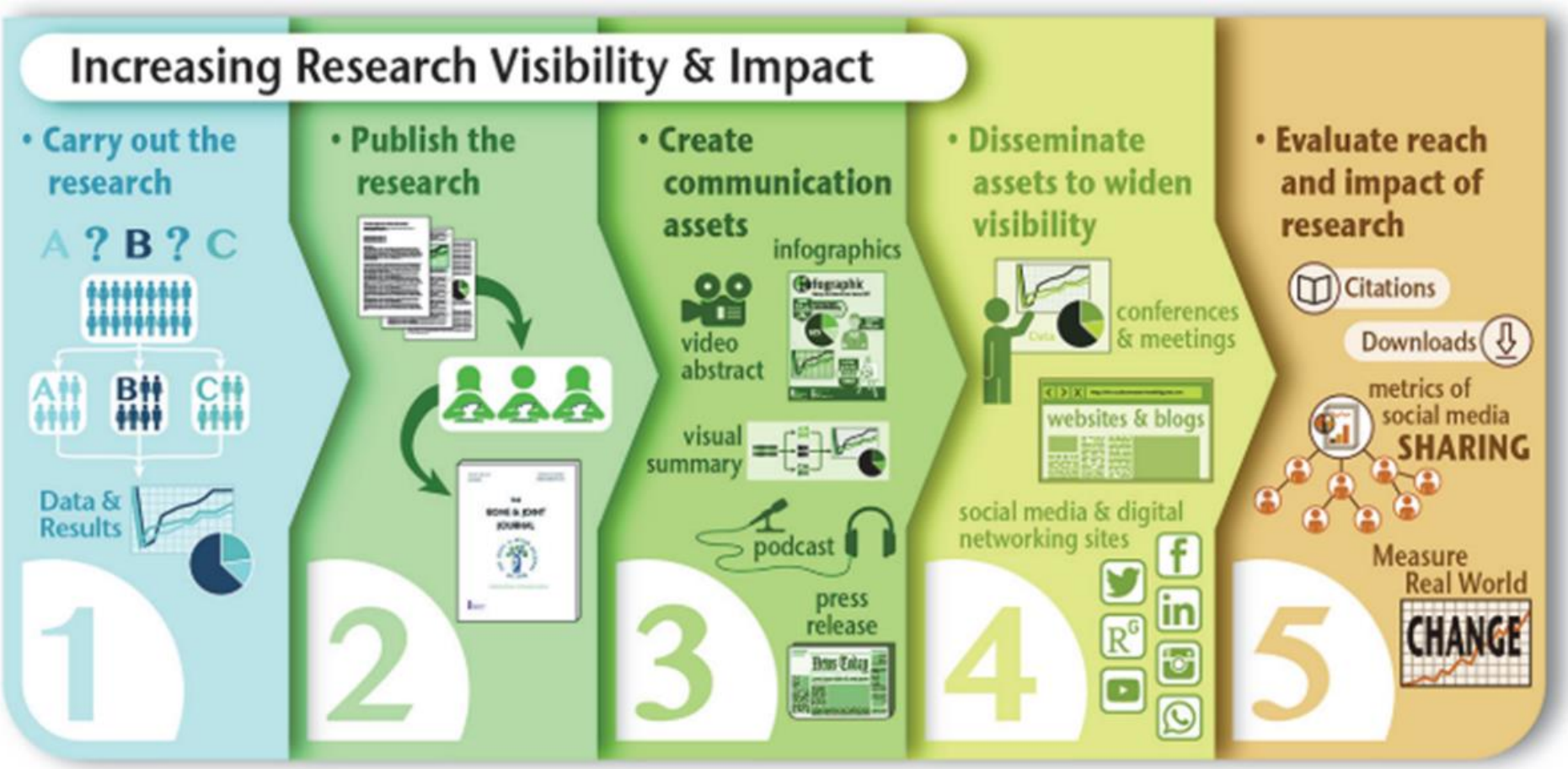
Research Data Management Policy

WITS POLICY

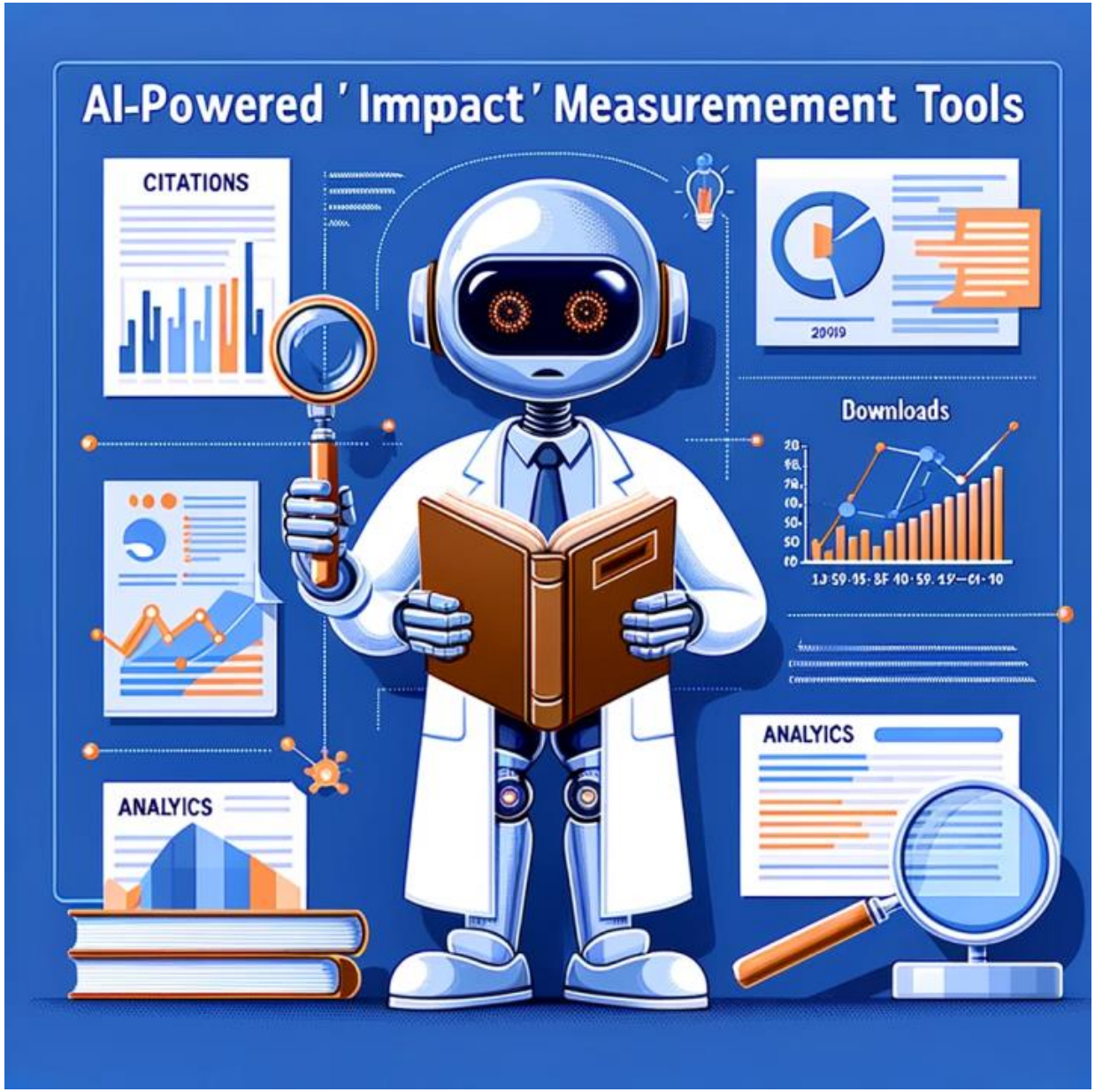
https://libguides.wits.ac.za/ld.php?content_id=72475954

The research project cycles and the implications for research data at WITS





SEMANTIC SCHOLAR
A free, AI-powered research tool for scientific literature



Nader Ale Ebrahim, "Research Visibility and Impact" consultant. Photo created



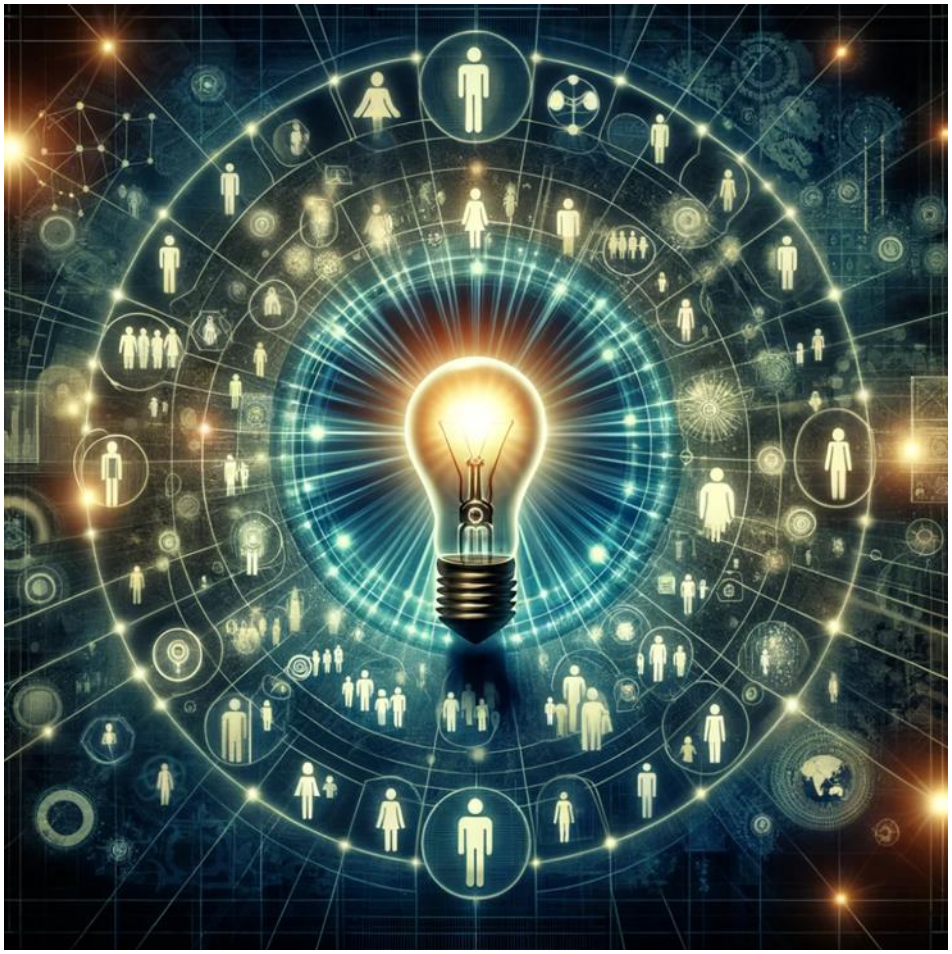
Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

1/ Research is only as impactful as its reach. In an age of information abundance, ensuring your work stands out is vital. Let's dive into the importance of "Research Visibility and Impact."



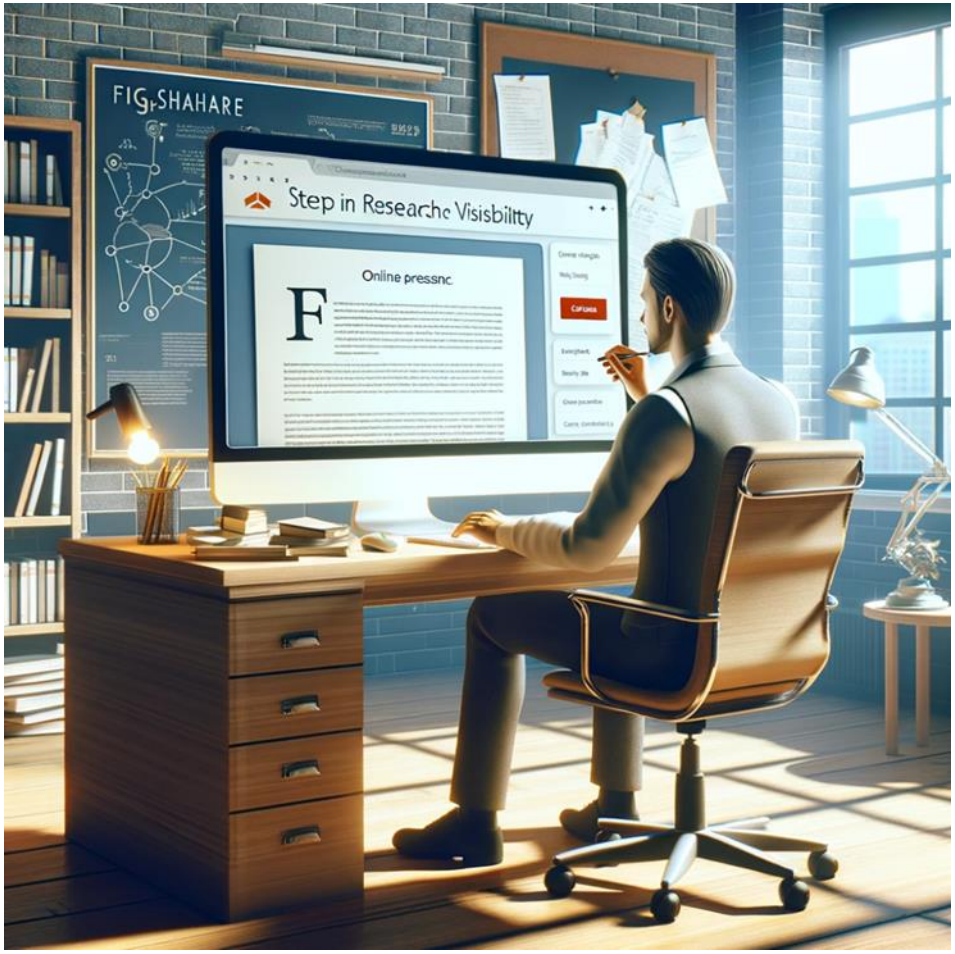
Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

2/ Research is only as impactful as its reach. In an age of information abundance, ensuring your work stands out is vital. Let's dive into the importance of "Research Visibility and Impact."



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

2/ Why does research visibility matter? Well, think about it. If your groundbreaking research isn't seen by others, its potential impact remains untapped. Visibility amplifies your work's influence.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

3/ What's the first step? Building an online presence. Share your research on platforms like @figshare, Google Scholar, ORCID, Faculty webpage, etc



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

4/ Your research doesn't stop at publication. The cycle continues with dissemination. I emphasize proactiveness in getting your findings out there. It's a vital step often overlooked.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

5/ Visibility attracts opportunities. Whether it's collaboration, funding, or policy influence, being seen enhances your potential. Your work can make a difference if it's where decision-makers are looking.



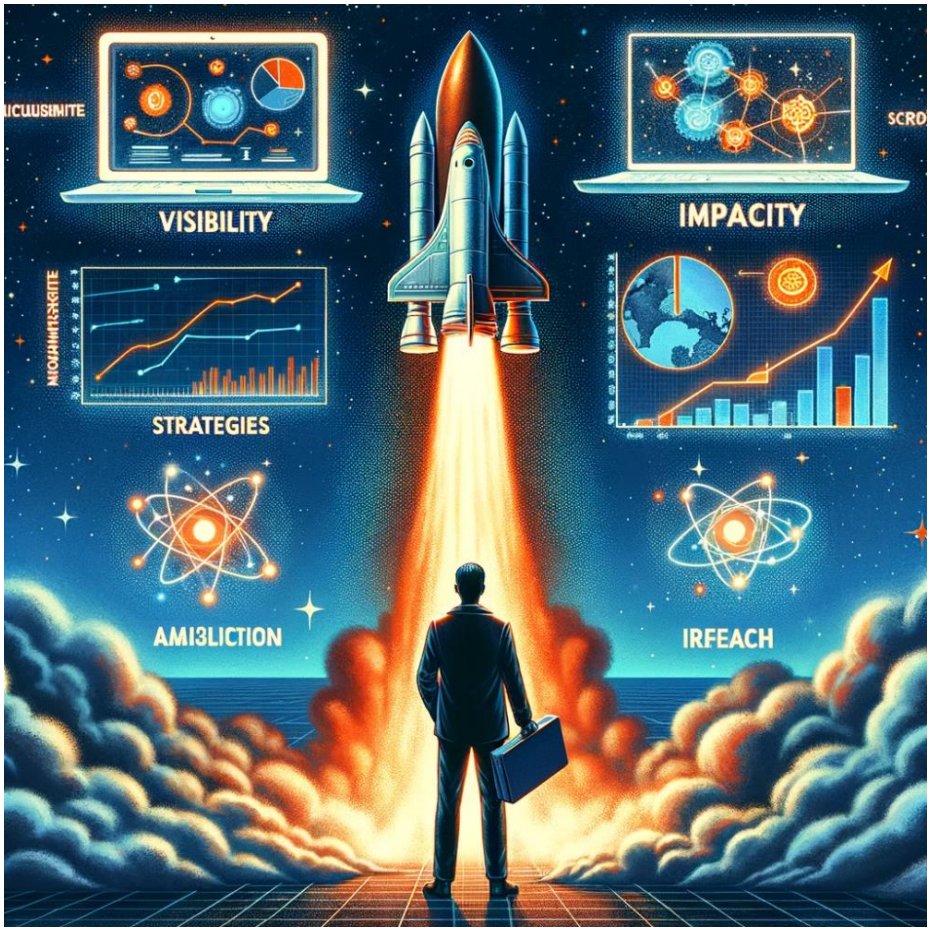
Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

6/ But it's not just about quantity. Quality matters too. Impactful research engages with the audience, resonates with their needs, and provides solutions.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

6/ But it's not just about quantity. Quality matters too. Impactful research engages with the audience, resonates with their needs, and provides solutions.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

7/ So, how can you maximize research visibility and impact? Explore strategies, tools, and insights to elevate your research game.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

8/ Metrics like citations are important, but they're not the whole story. Focus on meaningful engagement with your audience. Make your work relevant and accessible.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

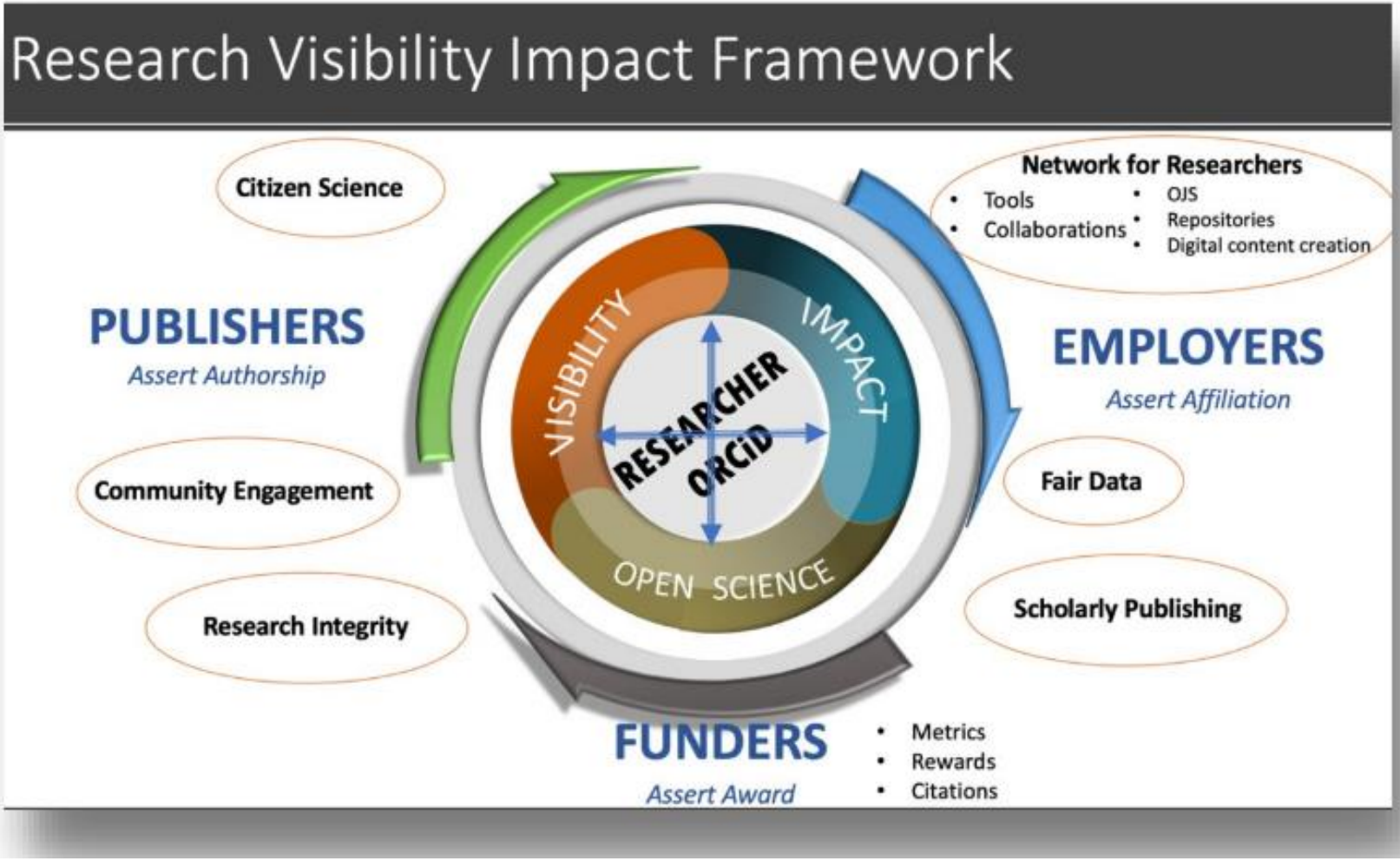
9/ "Research Visibility and Impact" are the engines that drive your contributions forward. Harness their power and watch your research transform into positive change.



Nader Ale Ebrahim, “Research Visibility and Impact” consultant. Photo created

10/ Researcher Branding: A New Pathway to Enhance the Research Visibility and Impact

Research Visibility Impact Framework



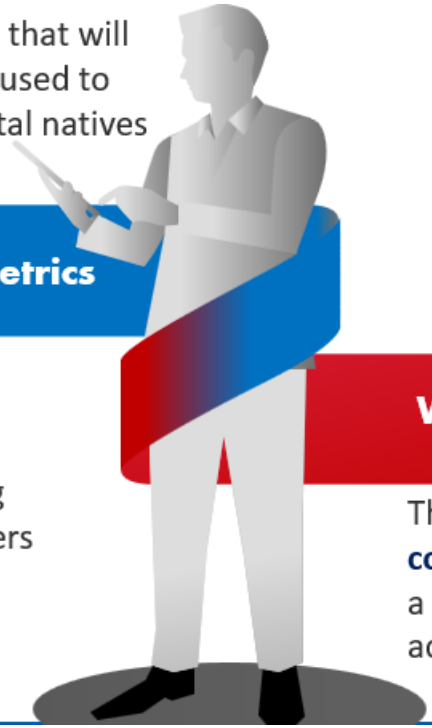
Strategy

The project hopes to generate a framework that will anchor the various research analytical tools used to assess and encourage researchers to be digital natives and self-promote their online presence

WITS' ranking & metrics

Raise WITS' ranking & metrics by:

Developing our scholarly publishing systems to better serve our researchers and the public



Increase the impact of WITS' scholarly activities

By promoting the results of our research across a range of platforms

WITS' research

This will assist researchers and the librarians **to collaborate to support the impact and visibility** of a university's research outputs and researchers' activities

WITS Researchers

TOOLS: *Twitter, LinkedIn, reflective blog, The Conversation*

NEEDS: *Attract income, share ideas, generate impact, international collaboration*

TOOLS: *Twitter, research blog, podcast, infographics, Video, ORCiD.*

NEEDS: Build online identity, generate esteem



TOOLS: *Twitter, research blog, podcast, infographics, Video, Altmetrics, The Conversation.*

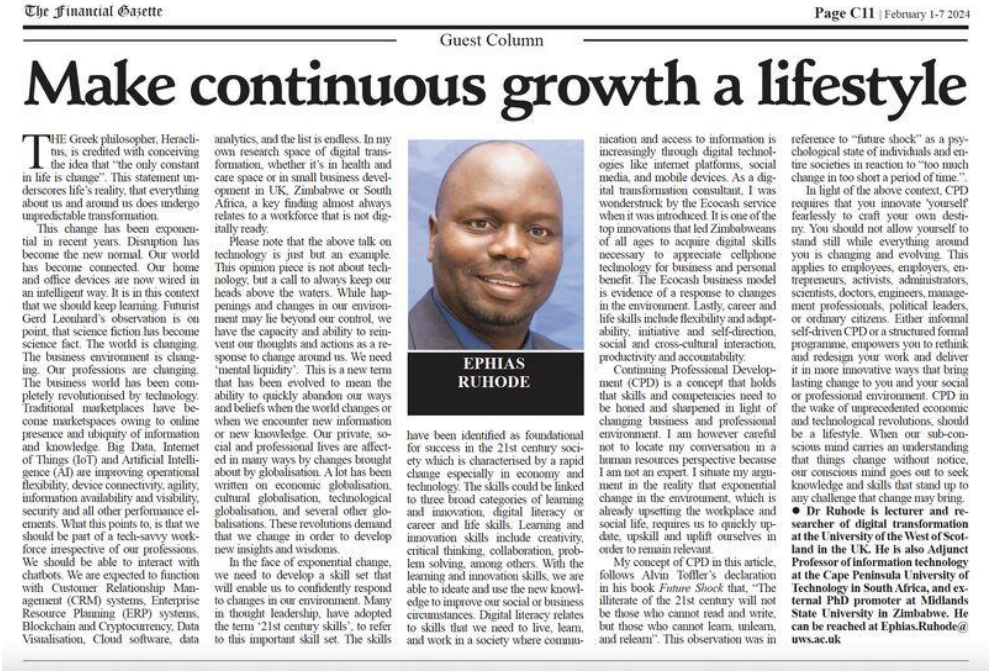
NEEDS: *Research outputs (journal articles, conference papers, books and book chapters, and datasets) dissemination, conference posters & presentation*

TOOLS: *Twitter, reflective blog, SlideShare, infographics, The Conversation, LinkedIn.*

NEEDS: Attract participants and share research with global citizens

What to do after the storm is over – after publishing article(s) or your dataset(s)

- Societal engagement
- Citizen science,
- Science communication
- Enhancing your metrics



The Financial Gazette — Page C11 | February 1-7 2024

Guest Column

Make continuous growth a lifestyle

THE Greek philosopher, Heraclitus, is credited with conceiving the idea that "the only constant in life is change". This statement underscores life's reality, that everything about us and around us does undergo unpredictable transformation.

This change has been exponential in recent years. Disruption has become the new normal. Our world has become connected. Our home and office devices are now wired in an intelligent way. It is in this context that we should keep learning. Futurist Gerd Leonhard's observation is on point, that science fiction has become science fact. The world is changing. The business environment is changing. Our professions are changing. The business world has been completely revolutionised by technology. Traditional marketplaces have become marketspaces owing to online presence and ubiquity of information and knowledge. Big Data, Internet of Things (IoT) and Artificial Intelligence (AI) are improving operational flexibility, device connectivity, agility, information availability and visibility, security and all other performance elements. What this points to, is that we should be part of a tech-savvy workforce irrespective of our professions. We should be able to interact with chatbots. We are expected to function with Customer Relationship Management (CRM) systems, Enterprise Resource Planning (ERP) systems, Blockchain and Cryptocurrency, Data Visualisation, Cloud software, data analytics, and the list is endless. In my own research space of digital transformation, whether it's in health and care space or in small business development in UK, Zimbabwe or South Africa, a key finding almost always relates to a workforce that is not digitally ready.

Please note that the above talk on technology is just but an example. This opinion piece is not about technology, but a call to always keep our heads above the waters. While happenings and changes in our environment may lie beyond our control, we have the capacity and ability to reinvent our thoughts and actions as a response to change around us. We need 'mental liquidity'. This is a new term that has been evolved to mean the ability to quickly abandon our ways and beliefs when the world changes or when we encounter new information or new knowledge. Our private, social and professional lives are affected in many ways by changes brought about by globalisation. A lot has been written on econonuc globalisation, cultural globalisation, technological globalisation, and several other globalisations. These revolutions demand that we change in order to develop new insights and wisdoms.

In the face of exponential change, we need to develop a skill set that will enable us to confidently respond to changes in our environment. Many in thought leadership, have adopted the term '21st century skills', to refer to this important skill set. The skills

EPHIAS RUHODE

have been identified as foundational for success in the 21st century society which is characterised by a rapid change especially in economy and technology. The skills could be linked to three broad categories of learning and innovation, digital literacy or career and life skills. Learning and innovation skills include creativity, critical thinking, collaboration, problem solving, among others. With the learning and innovation skills, we are able to ideate and use the new knowledge to improve our social or business circumstances. Digital literacy relates to skills that we need to live, learn, and work in a society where communication and access to information is increasingly through digital technologies like internet platforms, social media, and mobile devices. As a digital transformation consultant, I was wonderstruck by the Ecocash service when it was introduced. It is one of the top innovations that led Zimbabweans of all ages to acquire digital skills necessary to appreciate cellphone technology for business and personal benefit. The Ecocash business model is evidence of a response to changes in the environment. Lastly, career and life skills include flexibility and adaptability, initiative and self-direction, social and cross-cultural interaction, productivity and accountability.

Continuing Professional Development (CPD) is a concept that holds that skills and competencies need to be honed and sharpened in light of changing business and professional environment. I am however careful not to locate my conversation in a human resources perspective because I am not an expert. I situate my argument in the reality that exponential change in the environment, which is already upsetting the workplace and social life, requires us to quickly update, upskill and uplift ourselves in order to remain relevant.

My concept of CPD in this article, follows Alvin Toffler's declaration in his book *Future Shock* that, "The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn". This observation was in reference to "future shock" as a psychological state of individuals and entire societies in reaction to "too much change in too short a period of time.".

In light of the above context, CPD requires that you innovate 'yourself' fearlessly to craft your own destiny. You should not allow yourself to stand still while everything around you is changing and evolving. This applies to employees, employers, entrepreneurs, activists, administrators, scientists, doctors, engineers, management professionals, political leaders, or ordinary citizens. Either informal self-driven CPD or a structured formal programme, empowers you to rethink and redesign your work and deliver it in more innovative ways that bring lasting change to you and your social or professional environment. CPD in the wake of unprecedented economic and technological revolutions, should be a lifestyle. When our sub-conscious mind carries an understanding that things change without notice, our conscious mind goes out to seek knowledge and skills that stand up to any challenge that change may bring.

● Dr Ruhode is lecturer and researcher of digital transformation at the University of the West of Scotland in the UK. He is also Adjunct Professor of information technology at the Cape Peninsula University of Technology in South Africa, and external PhD promoter at Midlands State University in Zimbabwe. He can be reached at Ephias.Ruhode@uws.ac.uk

Benefits



GREATER RESEARCH IMPACT FACTOR GENERATES INTERNATIONAL & LOCAL ATTENTION



INCREASED VISIBILITY TO GENERATE COLLABORATIVE PROSPECTS & PARTNERSHIPS



HIGHER VISIBILITY & IMPACT ATTRACTS FUNDERS & INCREASE 3RD STREAM INCOME

The Next-Generation Metrics Tool



Image: Delft University of Technology

Be Visible: Engage, Influence and Ensure Your Research Has Impact

Researchers promote their research and data online using Academic and social networking tools. In the research evaluation process, the DLS support researchers in profiling their research using academic and social networking tools to produce annual metrics report. These reports detail data on journal impact factors, citation scores, article-level metrics, author-level metrics including Altmetrics that quantify social media attention received by a scientific work as extracted from Scopus, Web of Science, Altmetric Explorer and other platforms.

These research(er) academic and social profiling platforms link researchers with their scientific production and performance and help profile institutional visibility and research performance. These platforms are used to quantify research excellence and to credit researchers for recognition in their specific disciplines.



Dr. Charne Lavery
Exceptional Young Researchers' Awards

Prof. Priscilla Gutura
Exceptional Young Researchers' Awards

Dr. Heather Thuynsma
Teaching Excellence and Innovation Laureate Awards

Dr. Renata Eccles
Community Engagement Award

Prof. Nigel Bennett
A rated and featured in the top 10 of the research.com international rankings

Prof. Vukosi Marivate
Recipient of JP Morgan AI Research Award and, Google Research Scholar Award

Award winning researchers have online presence and have promoted their research publications including research data using academic and social profiling tools.

- Google Scholar
- LinkedIn
- ResearchGate
- Semantic Scholar
- Dimensions
- UPSpace
- Academia
- The Conversation
- Scopus Author ID

- Google scholar
- research gate
- LinkedIn
- Academia.edu
- Semantic Scholar
- Twitter
- Dimensions
- UP Space
- Supervised Research
- ResearcherID
- Scopus Author ID

- ResearchGate
- LinkedIn
- Academia.edu
- Google Scholar
- Research Data
- Dimensions
- UPSpace
- University of Pretoria
- Semantics scholar
- Academia edu
- Scopus Author ID

- Google Scholar
- Supervised research
- ResearchGate
- Semantic Scholar
- Dimensions
- UPSpace
- Publons
- ScienceOpen
- Scopus Author ID

- Research Data
- Google Scholar
- Supervised research
- ResearchGate
- Loop
- Microsoft academic
- Supervised work
- UP Space
- ResearcherID
- Scopus Author ID
- Loop profile

- Personal Site
- Data Science for Social Impact Research Group
- Research Data (Figshare)
- Research Data (Mendeley)
- Research Data (Zenodo)
- Google Scholar
- Supervised work/research
- ResearchGate
- ScienceOpen
- Semantic Scholar
- Dimensions
- UPSpace
- LinkedIn

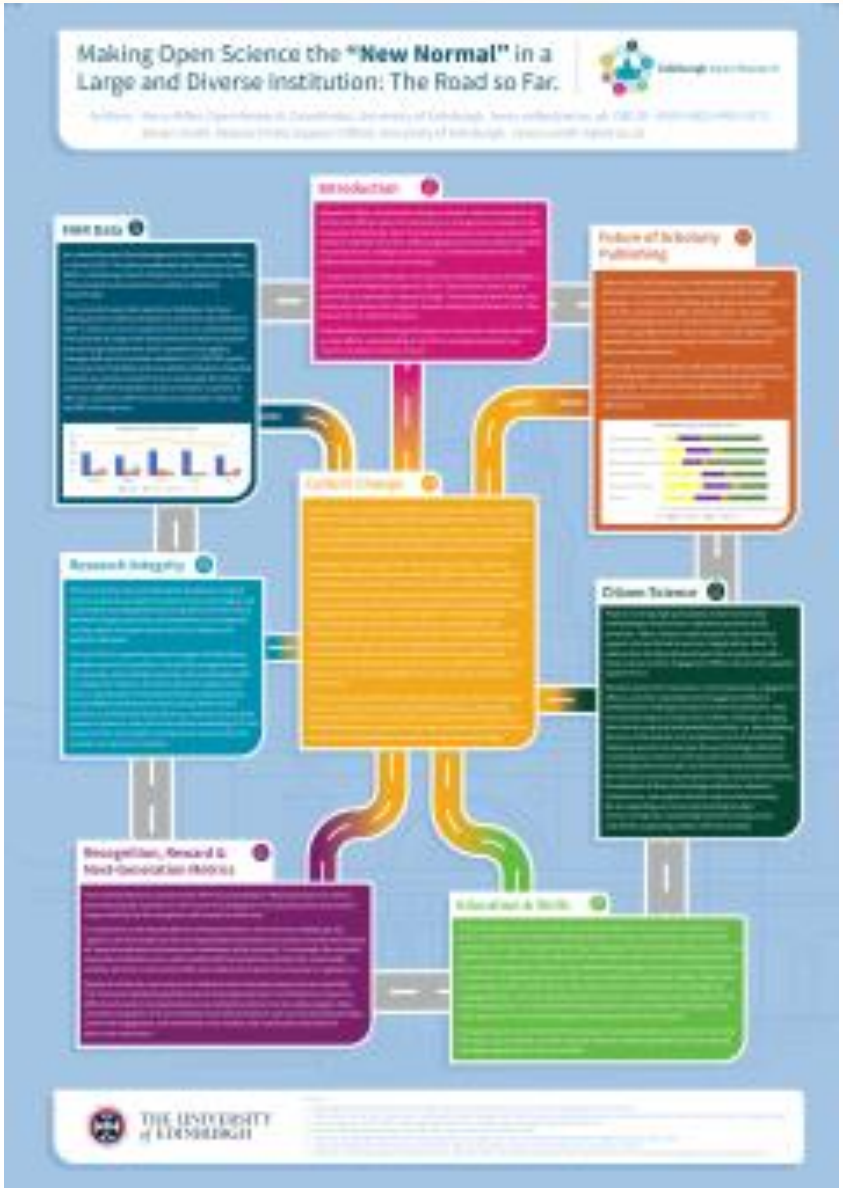
Lazarus Gallant Matizirofa, Veliswa Tshetsha, Heather Thuynsma, *A conceptual framework for researcher visibility and impact check tool at two South African universities*, Open Science Fair, 25-27 September 2023, Madrid, Spain

Your contribution to SDGs and social/economic impact

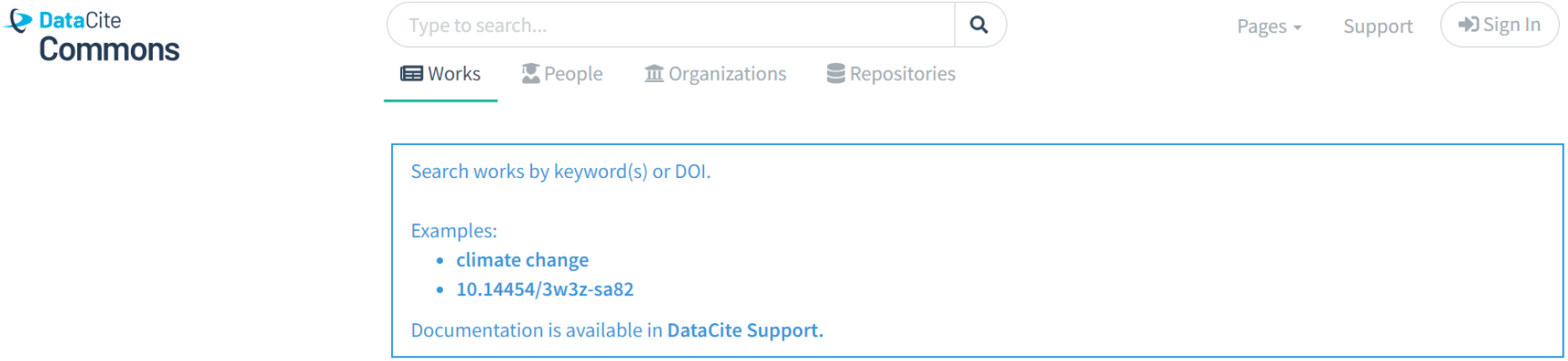
The UNs' 17 Sustainable Development Goals (SDGs) provide a call to action to create a sustainable future for us all. They were adopted by all 193 world leaders who agreed to end all forms of poverty, fight inequalities, and tackle climate change.



Lazarus Gallant Matizirofa & Daisy Selemetsela, *Open Access repositories as an accelerator for open journal systems and enhancer for the SA-SDGs hub: South African perspective*, Open Repositories OR2023: Stellenbosch University, 12 – 15 June 2023



https://www.ed.ac.uk/sites/default/files/atoms/files/edin_or_roadmap_poster_2023.pdf



find, identify, and cite research datasets

COMMITTEE ON DATA
CODATA
INTERNATIONAL SCIENCE COUNCIL



Dr Daisy Selematsela (nominated by South Africa)
Vice President, 2023-2025; Executive Committee Member 2018-2023


THE AFRICAN OPEN SCIENCE PLATFORM
The Future of Science and Science for the Future
ASSAf
CODATA
NRF

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South Africa's move towards open science

The Draft National Open Science Policy, which was shared by the South African government with stakeholders in 2022, is an encouraging step forward as it aims to promote the practice of open science in South Africa through a system of incentives

- **Proposal for all publicly funded research to be published open-access**

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Thank you

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