

Democratizing Higher Education in Zambia Through Open Access Data

Hosted By



Guest Speakers

Daryl Naylor
Sales Director, EMEA
Digital Science (UK)

Mrs. Jane Chinkusu
The Director, Department of
Science and Technology (DST),
Ministry of
Higher Education(Zambia)

Filipo Zulu
Acting Executive Secretary/CEO,
National Science and
Technology Council (Zambia)



11 MARCH 2021



11 AM EAT, 10 AM CAT

STREAMING ON



Dimensions



Introducing Open Access Citation Database Dimensions



- Dimensions access through Research4Life is the same for all 5 programmes (Hinari, AGORA, GOALI, OARE and ARDI)
- From the **Content home** page, click on **Databases for discovery**, scroll down **Browse databases** screen and open Dimensions.

Presented by





Enter your Hinari **USER NAME** and **PASSWORD** in the appropriate boxes, change the language of the portal (if necessary), then click on the **Login** button.

Secure Login

USER NAME



PASSWORD



ENGLISH



LOGIN



AGORA - Agriculture, Forestry,
Fisheries, Climate & Food Security →



ARDI - Innovation & Technology →



GOALI - Law →



Hinari - Health →



OARE - Environment →

Click on a logo to open the program.

All the programs your institution is registered for are listed. Login to any of the other programs by returning to this page (use the **R4L Portal – Applications** tab at the top of the web browser).

Hinari
About Hinari
[Access the content](#)
Eligibility
Partners
Training Materials
FAQs

Content Home**Find by:****Subject****Language****Publisher*****Hinari - Enabling the developing world to access health research***

Search inside Hinari full-text using Summon

Search[Advanced search](#) [Country specific search](#)**Journals collection**[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)[View complete list of journals](#)**Books collection**[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)[View complete list of books](#)[Databases for discovery](#)[Reference sources](#)**Free collections**

-- SELECT FREE COLLECTION ▼

News

We are currently experiencing a problem with our search engine. If you encounter a problem with other publishers, please report it using the "Contact us" link at the bottom of this webpage.

From the Hinari **Content** page , you can open **Databases for Discovery**.

Hinari
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Eligibility
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Training Materials
FAQs

[Content Home](#)

Find by:

[Subject](#)[Language](#)[Publisher](#)**Browse databases**[Accessible Content](#)[All Items](#)☒ You have full access to this content through your institution☐ You do not have full access to this content through your institution1 to 19 of 19

- ☒ PubMed
- ☒ African Journals Online
- ☒ AIM (African Index Medicus)
- ☒ BLDS Index to Development Studies
- ☒ CINAHL
- ☒ **Dimensions**
- ☒ Directory of Open Access Journals Search
- ☒ Environmental Index
- ☒ FSTA - Food Science and Technology Abstracts (1999 - current)
- ☒ Global Index Medicus
- ☒ Google Scholar
- ☒ IMSEAR (Index Medicus for South-East Asia Region)
- ☒ Informit Health Collection
- ☒ IRIS (WHO Digital Publications)
- ☒ Joanna Briggs Institute EBP Database
- ☒ LILACS (Latin Am. & Carib. Center on Health Sci Info)
- ☒ Popline
- ☒ Summon-Country Specific Search
- ☒ Western Pacific Region Index Medicus (WPRIM)

Via clicking on the **Databases for discovery** link, now opened is the **Browse databases A-Z** list.

Find **Dimensions** in the list.

FILTERS

FAVORITES

▼ PUBLICATION YEAR

<input type="radio"/> 2019	1,656
<input type="radio"/> 2018	4,570
<input type="radio"/> 2017	3,749
<input type="radio"/> 2016	4,129
<input type="radio"/> 2015	2,933
<input type="radio"/> 2014	3,806
<input type="radio"/> 2013	3,767
<input type="radio"/> 2012	2,883
<input type="radio"/> 2011	4,235
<input type="radio"/> 2010	2,029

[More](#)

➤ RESEARCHER

➤ FUNDER

➤ RESEARCH ORGANIZATION

➤ COUNTRY/TERRITORY

➤ FIELDS OF RESEARCH

➤ PUBLICATION TYPE

➤ SOURCE TITLE

➤ JOURNAL LIST

➤ OPEN ACCESS

PUBLICATIONS

51,700

GRANTS

20

PATENTS

845

CLINICAL TRIALS

49

POLICY DOCUMENTS

5,436

Sort by: Relevance ▼

Title, Author(s), Bibliographic reference - [About the metrics](#)

[Reducing perinatal HIV transmission in developing countries through antenatal and delivery care, and breastfeeding: supporting infant survival by supporting women's survival.](#)

M Berer

1999, Bulletin of the World Health Organization - Article

Dimensions will open, providing access to all features. If you would like to export search results or save searches then you will need to create a user account. You can do this by clicking the "Register" button in the top right corner and following the instructions.

[Pregnancy Outcomes in HIV-Infected Women: Experience from a Tertiary Care Center in India](#)

Vatsla Dadhwal, Aparna Sharma, Kavita Khoiwal, Dipika Deka, Plaboni Sarkar, P. Vanamail
2017, International Journal of MCH and AIDS (IJMA) - Article

 Citations 3

 Altmetric 2

 Open Access

 Add to Library

Check  Link for Full Text

[Contraceptive use among HIV-positive and negative women: implication to end unintended pregnancy](#)

Amanual Getnet Mersha, Daniel Asfaw Erku, Sewunet Admasu Belachew, Asnakew Achaw Ayele, Begasha...
2019, Contraception and Reproductive Medicine - Article

← ANALYTICAL VIEWS

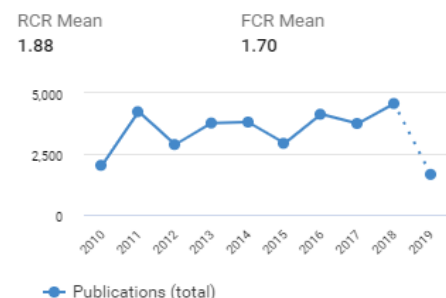


FIELDS OF RESEARCH

1117 Public Health and Health Services	19,658
1103 Clinical Sciences	4,633
1108 Medical Microbiology	3,703
1114 Paediatrics and Reproductive Medicine	3,274
1608 Sociology	1,726




OVERVIEW



RESEARCHERS

Behfar Ehdiae	422
Memorial Sloan Kettering Cancer Center, United States	
Alexander A C Leung	307
University of Calgary, Canada	
William Chi-Shing Cho	291
Queen Elizabeth Hospital, China	
William P J Leenders	288
Radboud University Nijmegen Medical Centre, Netherlands	
Du Toit Loots	288
North-West University South Africa	


What is in Dimensions?



Save / Export

Workflow

Support

 Joy Owa...

FILTERS

FAVORITES

> GROUPS

> PUBLICATION YEAR

> RESEARCHER

> FUNDER

> COUNTRY OF FUNDER

> RESEARCH ORGANIZATION

> LOCATION - RESEARCH OR...

> RESEARCH CATEGORIES

> PUBLICATION TYPE

> SOURCE TITLE

> PUBLISHER

> JOURNAL LIST

PUBLICATIONS

DATASETS

GRANTS

PATENTS

CLINICAL TRIALS

116,799,277

8,300,828

5,748,802

135,236,820

624,118

POLICY DOCUMENTS

582,832

☒ Show abstract

Sort by: Relevance

Title, Author(s), Bibliographic reference - [About the metrics](#)

Inhibitory Control Across Athletic Expertise and Its Relationship With Sport Performance.

Jack Hagyard, Jack Brimmell, Elizabeth J Edwards, Robert S Vaughan

2021, Journal of Sport and Exercise Psychology - Article

Inhibitory control may be vital in elite sport. The authors examined the link between athletic expertise, inhibitory control, and sport performance in a two-part quasi experiment. Inhibitory control w... [more](#)

Citations

2

Altmetric

3

☐ Open Access

Add to Library


Effectiveness of Structured Physical Activity Interventions Through the Evaluation of Physical Activity Levels, Adoption, Retention, Maintenance, and Adherence Rates: A Systematic Review and Meta-Analysis.

Nadja Willinger, James Steele, Lou Atkinson, Gary Liguori, Alfonso Jimenez, Steve Mann, Eliza...

2021, Journal of Physical Activity and Health - Article

BACKGROUND: Structured physical activity (PA) interventions (ie, intentionally planned) can be implemented in a variety of facilities. and therefore can reach a large proportion of the

< ANALYTICAL VIEWS

 RESEARCH CATEGORIES

11 Medical and Health Sciences

29,976,009

09 Engineering

12,293,490

1103 Clinical Sciences


11,099,489

06 Biological Sciences

8,960,331

03 Chemical Sciences

7,805,769

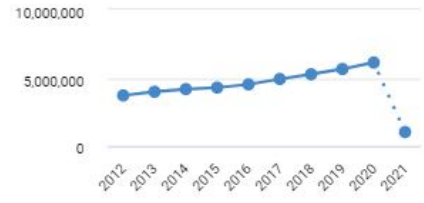
 OVERVIEW

Citations


1.4 B

Citations (Mean)

11.60



Year	Citations (total)
2012	4,000,000
2013	4,500,000
2014	4,800,000
2015	5,000,000
2016	5,200,000
2017	5,500,000
2018	5,800,000
2019	6,000,000
2020	6,500,000
2021	1,500,000

 Publications (total)

African Publications 2018-2021(54 countries)



2018 OR 2019 OR 2020 OR 2021

Publication Year



Save / Export

Algeria OR Angola OR Benin OR Botswana OR Burkina Faso OR Burundi OR
Cabo Verde OR Cameroon OR Central African Republic OR Chad OR Comoros
OR Democratic Republic of the Con... OR Republic of the Congo OR
Ivory Coast OR Djibouti OR Egypt OR Equatorial Guinea OR Eritrea OR Eswatini
OR Ethiopia OR Gabon OR Gambia OR Ghana OR Guinea OR Guinea-Bissau
OR Kenya OR Lesotho OR Liberia OR Libya OR Madagascar OR Malawi OR
Mali OR Mauritania OR Mauritius OR Morocco OR Mozambique OR Namibia
OR Nigeria OR Rwanda OR Sao Tome and Principe OR Senegal OR Seychelles
OR Sierra Leone OR Somalia OR South Africa OR South Sudan OR Sudan OR
Tanzania OR Togo OR Tunisia OR Uganda OR Zambia OR Zimbabwe

Country/Territory

FILTERS

FAVORITES

> GROUPS

▼ PUBLICATION YEAR

<input type="radio"/> 2021	30,147
<input type="radio"/> 2020	146,111
<input type="radio"/> 2019	117,070
<input type="radio"/> 2018	106,181

PUBLICATIONS

399,509

DATASETS

23,223

GRANTS

3,099

PATENTS

12,087

CLINICAL TRIALS

6,357

POLICY DOCUMENTS

1,318



Show

Title, Author(s), Bibliographic reference - [About the metadata](#)

Gaia Data Release 2

A. G. A. Brown, A. Vallenari, T. Prusti, J. H. J. de Bruijne, C.
2018, Astronomy & Astrophysics - Article

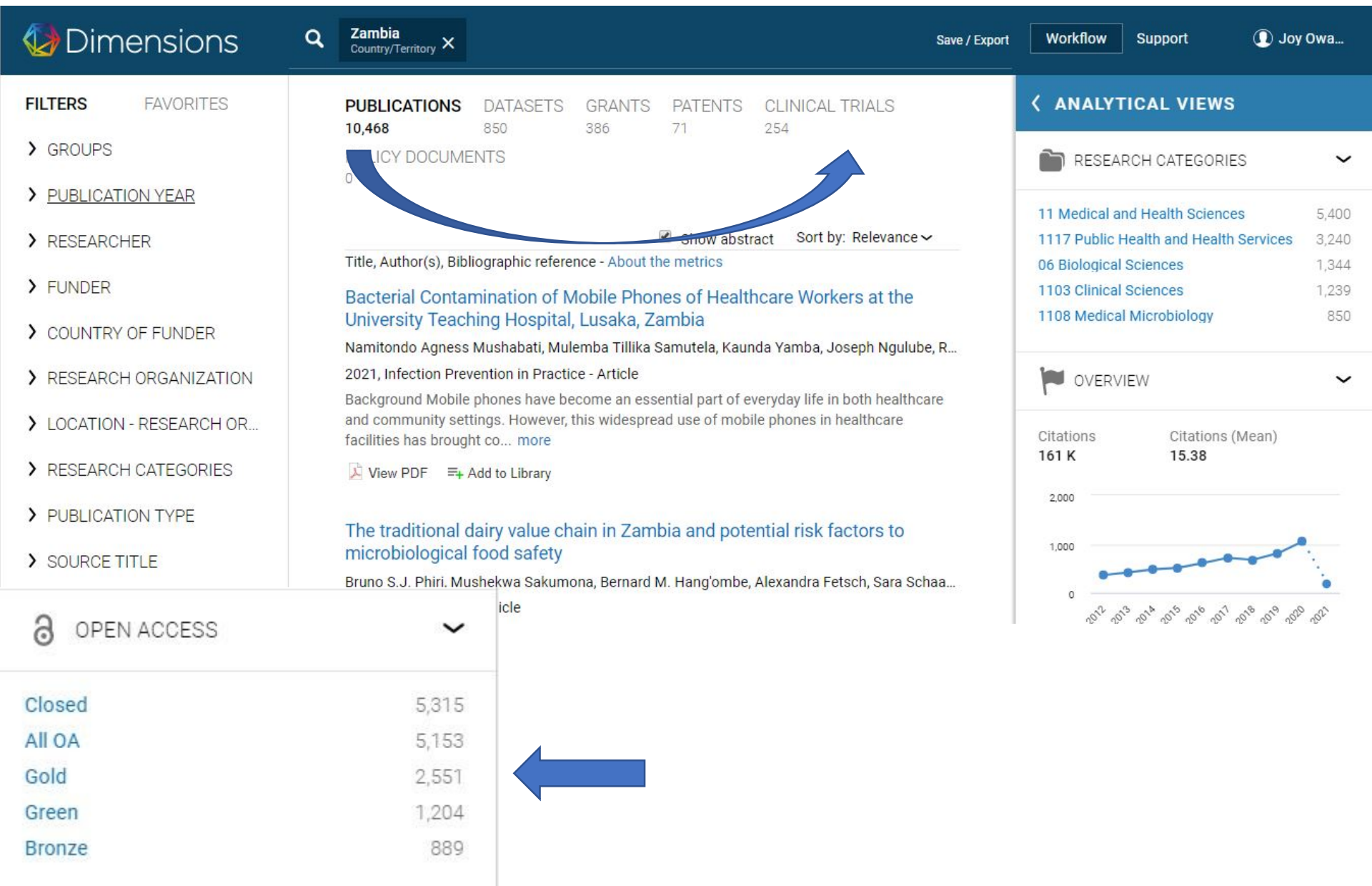


OPEN ACCESS



All OA	201,719
Closed	197,790
Gold	121,115
Green	34,508
Bronze	29,121

Zambia Research Output 1910-2021



Top Zambia Researchers

Name Organization, Country	↓ Publications	Citations	Citations mean
Seter Siziya Copperbelt University, Zambia	128	2,731	21.34
Peter B Mwaba Lusaka Apex Medical University, Zambia	123	5,784	47.02
Charles Michelo University of Zambia, Zambia	120	1,267	10.56
Chipeco Kankasa University Teaching Hospital, Zambia	119	3,659	30.75
Bellington Vwalika University of Zambia, Zambia	107	1,059	9.90
Bernard Mudenda Hang'Ombe University of Zambia, Zambia	88	759	8.63
Roma Chilengi Centre for Infectious Disease Research in Zambi...	87	935	10.75
Nathan Kapata Ministry of Health, Zambia	87	2,133	24.52
John Bwalya Muma University of Zambia, Zambia	86	1,586	18.44

Can get up to
500
researchers

What can Dimensions Do For Researchers, Vice Chancellors and Policy Makers?

The screenshot displays the Dimensions database interface. The top navigation bar includes the Dimensions logo, a search bar with 'Zambia' entered, and buttons for 'Save / Export', 'Workflow', 'Support', and a user profile 'Joy Owa...'. The left sidebar contains a 'FILTERS' section with various categories like 'GROUPS', 'PUBLICATION YEAR', 'RESEARCHER', 'FUNDER', 'COUNTRY OF FUNDER', 'RESEARCH ORGANIZATION', 'LOCATION - RESEARCH OR...', 'RESEARCH CATEGORIES', 'PUBLICATION TYPE', 'SOURCE TITLE', 'PUBLISHER', and 'JOURNAL LIST'. The main content area is titled 'ANALYTICAL VIEWS | PUBLICATIONS' and features a 'RESEARCH CATEGORIES' section. This section includes a sub-menu with 'OVERVIEW', 'OPEN ACCESS', 'RESEARCHERS', 'SOURCE TITLES', 'PUBLISHERS', 'FUNDERS', 'RESEARCH ORGANIZATIONS', and 'PLACES'. The 'OVERVIEW' view is selected, showing a table of research categories. The table has columns for 'Name', 'Publications', 'Citations', and 'Citations mean'. The data is filtered by 'Fields of Research' and shows the following categories:

Name	Publications	Citations	Citations mean
Medical and Health Sciences	5,405	102,932	19.04
Public Health and Health Services	3,243	61,972	19.11
Biological Sciences	1,344	21,263	15.82

Democratising Higher Education in Zambia Through Open Access Data

11th March 2021

Daryl Naylor
Sales Director, Digital Science

Who is Digital Science and why are we here?

Digital Science is a technology company serving the needs of scientific and research communities at key points along the full cycle of research.

We *invest* in, *nurture* and *support* innovative businesses and technologies that make all parts of the research process more **open**, **efficient** and **effective**.



Rooted in research, most founders have an academic research background and started a company around solving a self-encountered problem.

<https://www.digital-science.com/about-us/>

What exactly is **Open Science**?

One definition of Open Science holds that it is the movement to make scientific research (including publications, data, physical samples, and software) and its dissemination accessible to all levels of an inquiring society, amateur or professional.


Open science is **transparent** and **accessible** knowledge that is **shared** and developed through collaborative networks






WIKIPEDIA
The Free Encyclopedia

Supporting **openness** at Digital Science

Free researcher access to Dimensions publication data discovery  Dimensions

Free institutional access to R4L members to enhanced Dimensions web-app  research4life

Free to view Altmetric details pages  Altmetric

Free usage of Altmetric and Dimensions metrics and data on **institutional repository**  

Free researcher Figshare accounts accounts to collect and manage data  figshare

Supporting **Open Access** initiatives and enhancing **discovery** of research & expertise  Symplectic

Dimensions has been created to **push past** existing **limitations**

Dimensions was developed to counter decades of stalled innovation

- WoS and Scopus have not changed much - still just publications and citations

A true database, not a selective view - empowering the user!

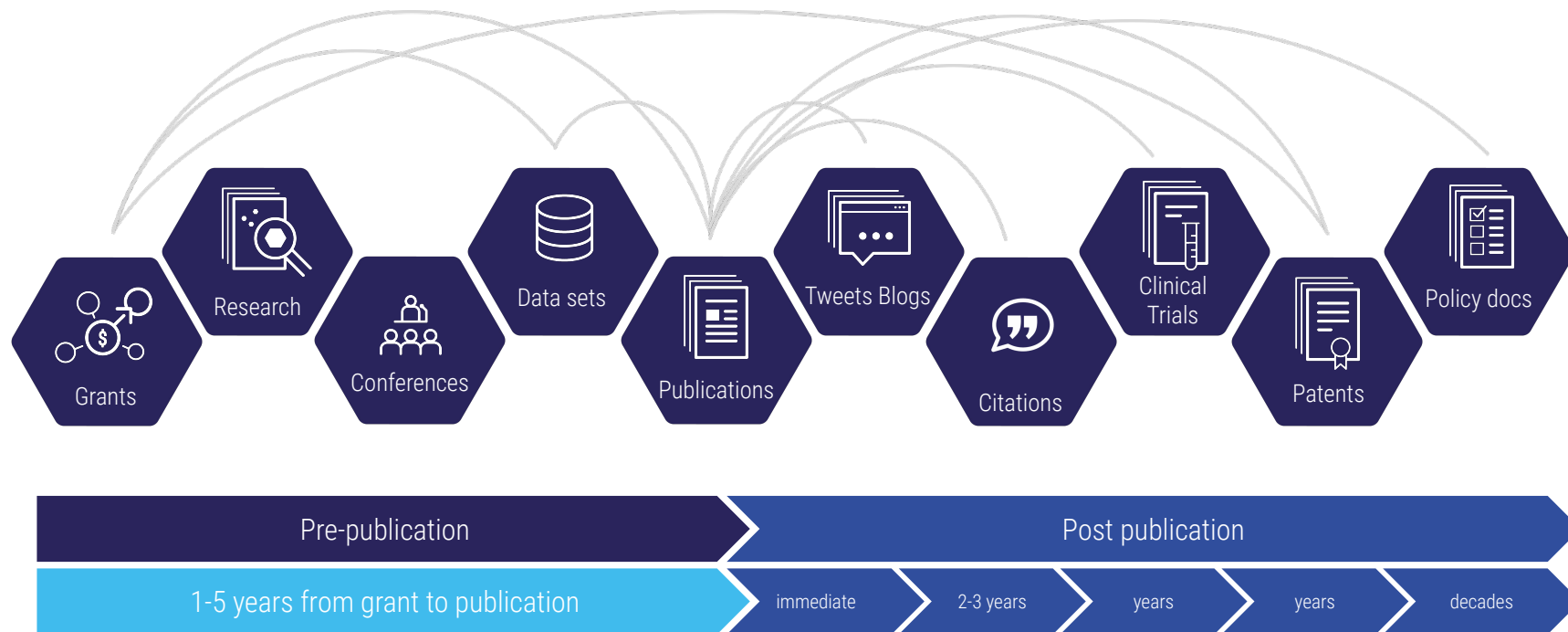
- Open and inclusive:
Publications from early-career researchers, regional journals, non-english publications, and more *

Multiple databases in one



- Grants, patents, datasets, pre-prints, clinical trials, policy documents
- All interlinked
- No more data silos

* Extensive data curation and quality assurance includes measures against predatory journals as well as systematic processes for identification, deduplication, enrichment, affiliations, classifications at article-level, link-creation, citation counts, and more

A more comprehensive view of the research lifecycle



Get the tools and data needed for holistic discovery and analyses in one place

Tool / data	 Dimensions	 Scopus	 WoS
Publications	116M	~70M	~74M
Preprints	Yes - 2.1M	No	No
Datasets	Yes - 8.1M	No	No
Grants	Yes - 5.8M, \$1.9 trillion	No	No*
Patent records	Yes - 134M	Yes - 39M - not linked*	No
Clinical trials	Yes - 600k	No	No
Policy documents	Yes - 561k	No	No
Links between all content types	Yes	No	No
Search in title & abstract	Yes	Yes	Yes
Advanced search	Boolean + GUI (2020)	GUI	GUI
Search in fulltext	Yes	No	No
Search by pasting an abstract	Yes	No	No
Multiple and open classification systems	Yes	No	No
Classifications	Article-level - all content types	Journal-level	Journal-level
Citations and metrics	Citations, FCR, RCR, Highly cited, Recent Citations, Altmetric Attention Score, Patent citations, SNIP, SJR	Citations, FWCI, Plum, SNIP, SJR, Recent Citations, h-index, CiteScore (tracker, percentile/quartiles, rank, citation and document count, cited)	Citations, Journal Impact Factor (JIF), CNCI (InCites), Eigenfactor Score, h-index, Article Influence Score

Supporting the **Global South** with Dimensions

November 2019 saw the start of a partnership between Digital Science and R4L, enabling access to Dimensions Plus to all affiliates of Group A and Group B member institutions



Institutions should request access via R4L at

<https://www.research4life.org/access/how-to-register/>

Dimensions will also be ingesting the AJOL journal list alongside existing lists




Symplectic Elements

Creating rich **openly accessible** research profiles



← ALL PROFILES




Gelson Tembo

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National Science and Technology Council, Economics and Business, Zambia
University of Zambia, Department of Agricultural Economics, Lusaka, Zambia

LinkedIn
ResearchGate
Semantic Scholar



ABOUT SCHOLARLY WORKS RESEARCH CONTRIBUTION TEACHING AND SUPERVISION

PUBLICATIONS

Showing 1-25 out of 58

Previous 1 2 3 Next

Title Date Type Featured first YES

JOURNAL ARTICLE

The Impact of a Large-Scale Poverty-Targeted Cash Transfer Program on Intertemporal Choice

1 Oct 2020 • Economic Development and Cultural Change • 69(1):485-512

Handa S, Seidenfeld D, Tembo G

10.1086/702997

Citations 2 Am score 20

FEATURED

JOURNAL ARTICLE

Cash Transfers, Early Marriage, and Fertility in Malawi and Zambia

20 Nov 2018 • Studies in Family Planning • 49(4):295-317

Dake F, Natali L, Angeles G, Hoop J, Handa S... 2 more

View PDF 10.1111/sifp.12073

Citations 2 Am score 96

FEATURED

JOURNAL ARTICLE

Nutrition-sensitive agricultural interventions, agricultural diversity, food access and child dietary diversity: Evidence from rural Zambia

1 Oct 2018 • Food Policy • 80:10-23

Rosenberg AM, Maluccio JA, Harris J, Mwanamwenge M, Nguyen PH... 2 more

10.1016/j.foodpol.2018.07.008

Citations 11 Am score 9

FEATURED

JOURNAL ARTICLE

Does money buy happiness? Evidence from an unconditional cash transfer in Zambia

6 Feb 2018 • SSM - Population Health • 4:225-235

Natali L, Handa S, Peterman A, Seidenfeld D, Tembo G... 1 more

View PDF 10.1016/j.ssmph.2018.02.002

Citations 8 Am score 53

FEATURED

JOURNAL ARTICLE

Can unconditional cash transfers raise long-term living standards? Evidence from Zambia

2 Feb 2018 • Journal of Development Economics • 133:42-65

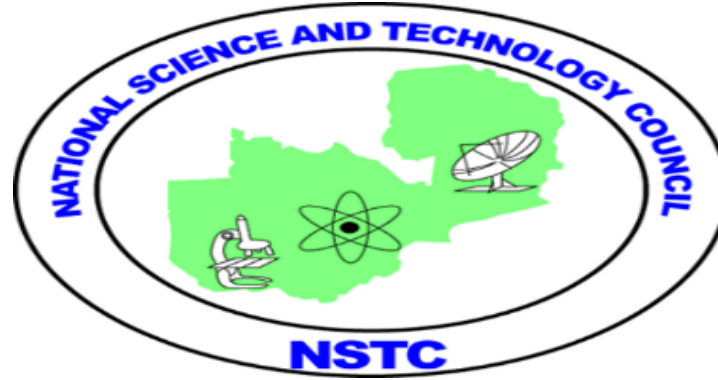
Handa S, Natali L, Seidenfeld D, Tembo G, Davis B... 1 more

View PDF 10.1016/j.jdeveco.2018.01.008

Citations 29 Am score 268

FEATURED

Part of **DIGITAL**science



TCC Africa/NSTC Virtual Webinar

Democratizing Higher Education in Zambia Through Open Access Data

11th March, 2021

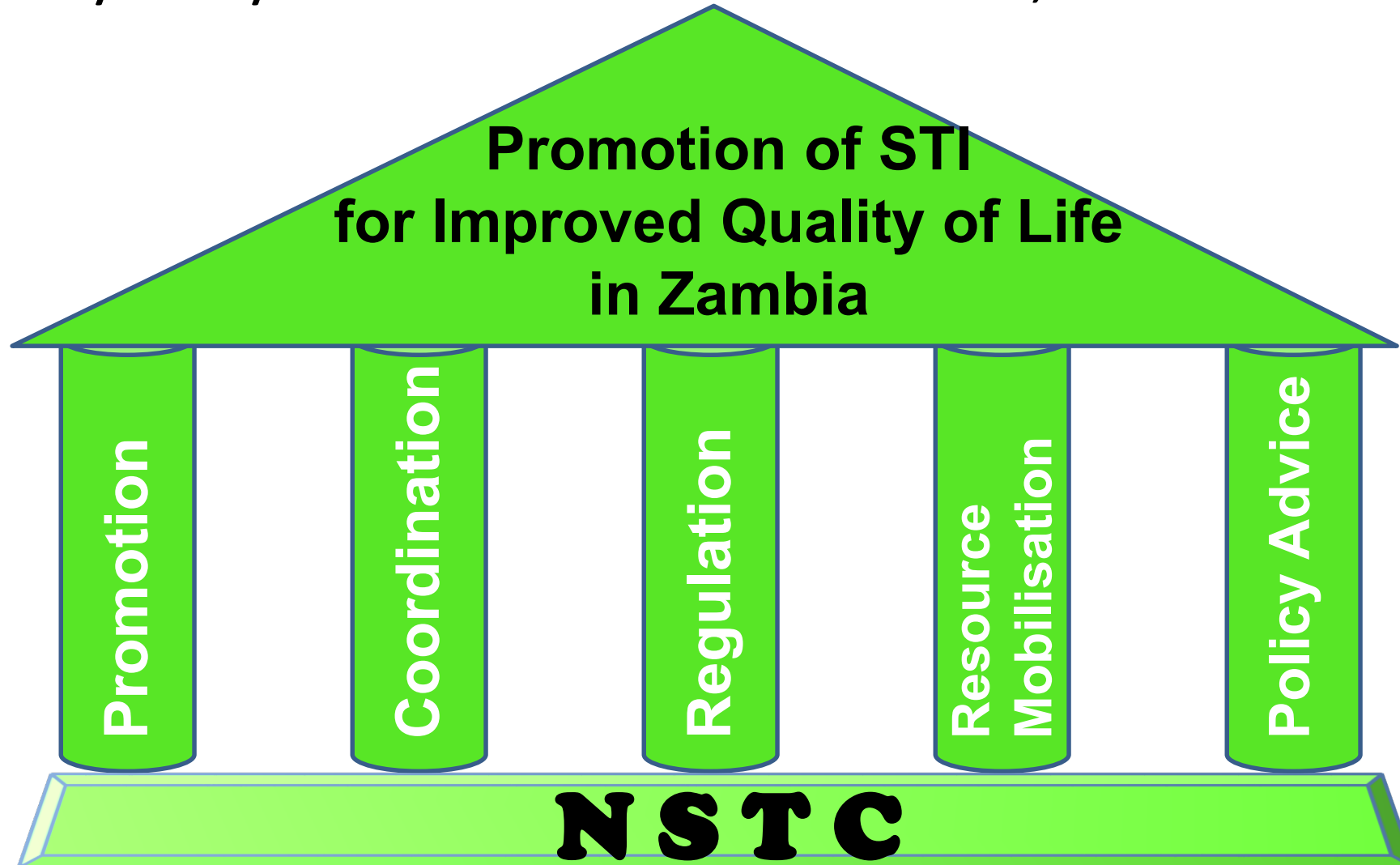
Filipo Zulu

Acting Executive Secretary/CEO

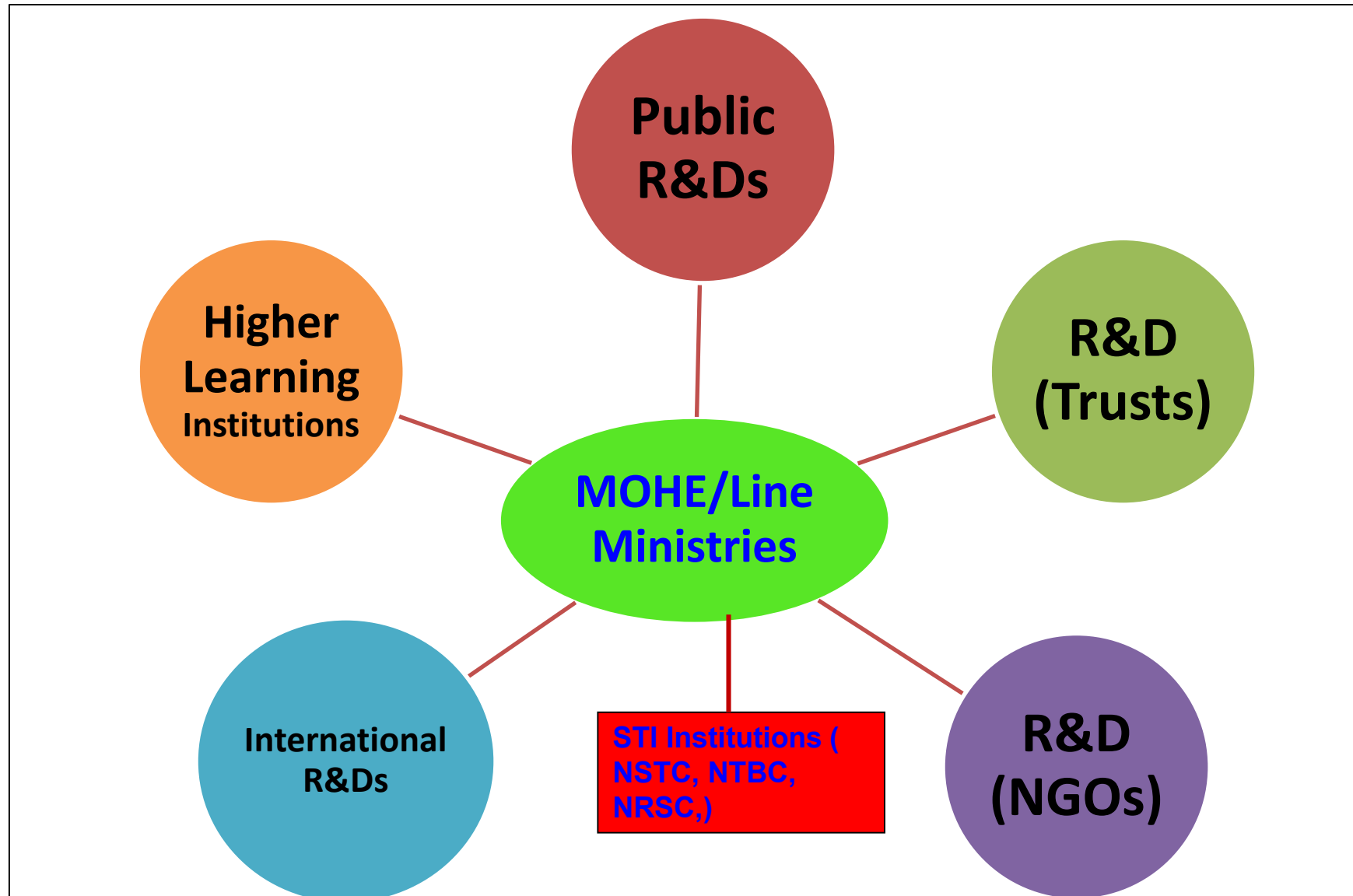
NSTC

THE NSTC

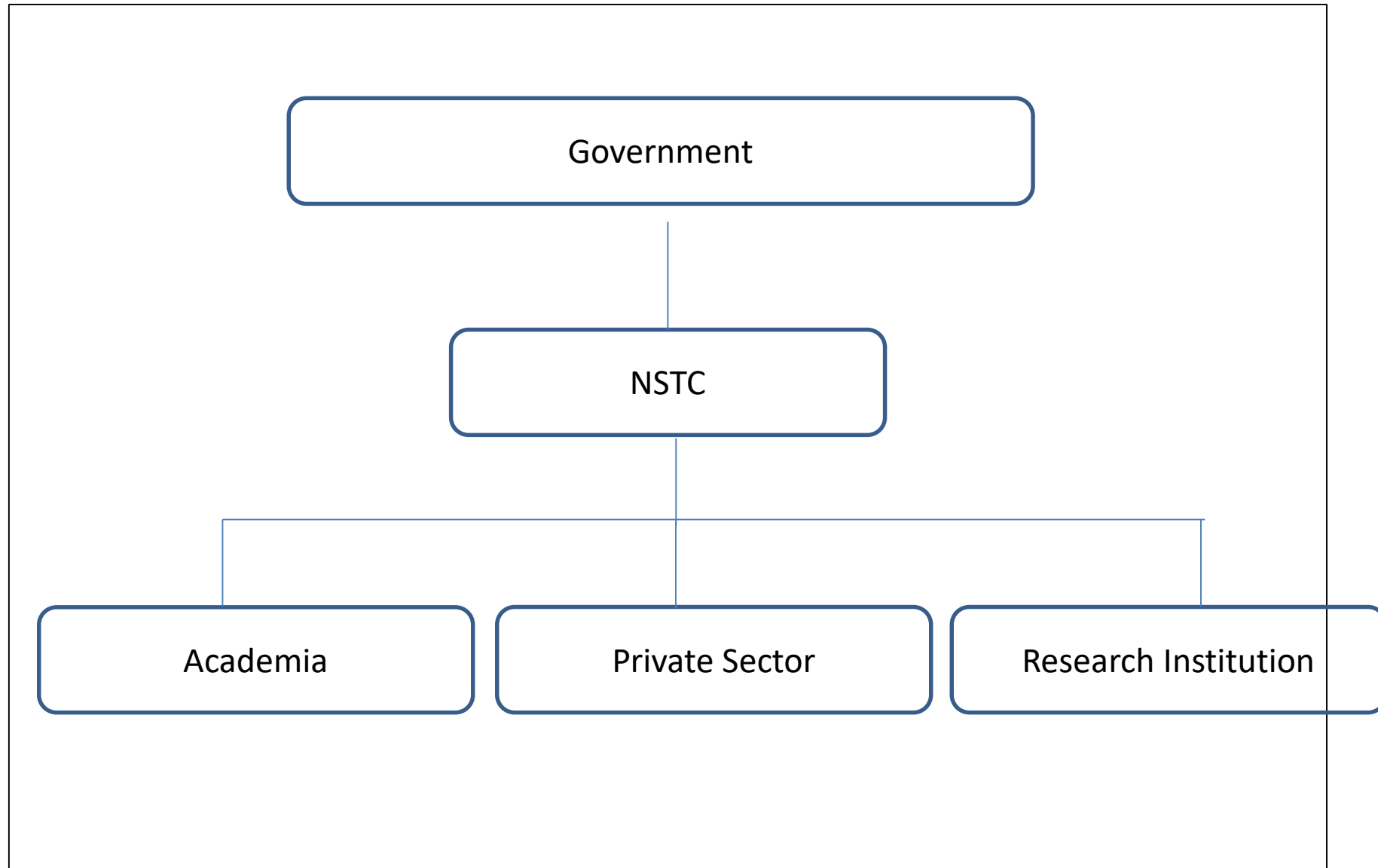
- Statutory body created under the S&T Act, No. 26 of 1997



SUMMARY -NATIONAL SCIENCE & TECHNOLOGY LANDSCAPE



NSTC IN THE NATIONAL SCIENCE & TECHNOLOGY LANDSCAPE



THE ROLE OF NSTC IN OPEN ACCESS

A: Zambia Science, Technology Information Network (ZASTIN)

- ☐ Electronic Framework to support provision of information to the NIS
- ☐ Institutions in Network (5 Institutions)

NB: NSTC reviewing ZaSTIN in order to integrate in the National Database currently under construction

B. Collaboration with ZALICO

- ☐ Provision of information to our NIS

C. Support to Journals

- ☐ UNZA Journal of Science & Technology
- ☐ Engineering Journals

D. Provision of STI Promotion Platforms

- ☐ Provides platforms for STI information translation and dissemination

NEXT STEPS

- We have signed MoU with Infratell -The NSTC has taken advantage of this by signing an MoU in order to collaborate on the creation of a National Database for Research and Innovation System in Zambia
- Africa Open Science Platform recently launched
- NSTC is a member of the Plan S-s an initiative for Open Access publishing that was launched in September 2018. The plan is supported by cOAlition S, an international consortium of research funders. Plan S requires that, from 2020, scientific publications that result from research funded by public grants must be published in compliant Open Access journals or platforms
- Strengthen NSTC partnership with TCC Africa
- Upscale Open Science dialogue with our Regional and Africa wide Partners

THANK YOU FOR YOUR KIND ATTENTION