

Cloud-Based Tools for Contemporary Research Engagement



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INFORMATION TECHNOLOGY SECTION

PRESENTS

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4th - 8 October, 2021

Venue: Ajayi Crowther University, Oyo State

THEME:
Maximizing Virtual Spaces for Cutting-Edge Library and Information Services"

Sub themes:

- Application of Internet of Things (IoT) in the library services provision for enhanced effectiveness in the new era.
- Practical approach to the creation of Open Educational Resources
- Creating sustainable digital services in the post-covid era
- Moving library spaces and services to the cloud: free tools and techniques

Tribute – Dr B.A. Oladele



- ▶ "No one is meant to live forever. We have to say goodbye to every last one of our beloved friends, family members, and dearest ones. This is the saddest truth of life".
- ▶ So sad. It is hard to believe that Dr B.A. Oladele has gone home...
 - ▶ He was a caring boss, father and mentor to me and to many. Good night sir.



Application of CLOUD
BASED TOOLS in
CONTEMPORARY
RESEARCH and

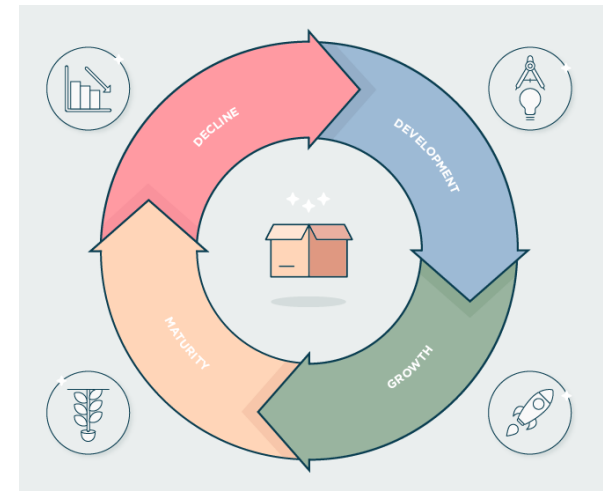
CLOUD BASED TOOLS
Modern Research
Engagement

COLLABORATIVE RESEARCH



RESEARCH ENGAGEMENT

Life Cycle of Research



- 1) **Research Planning...**
 - Meetings (WhatsApp, Telegram, zoom)
- 2) **Literature**
 - Searching for organising materials
 - Institutional Repository
 - systematic reviews
 - Writing –quillbot Grammarly
 - Plagiarism check –Turnitin
- 3) **Data Collection** – Survey Google form, surveyheart, ARCGIS123
 - ▶ Data Analysis –sspss, Archgis , invivo
 - **Result dissemination** –Blogs, social media, research gate Google Scholar, etc.
 - ▶ **Research Engagement** –Dissemination

Research?

- ▶ R – "creative and systematic work undertaken to increase the stock of knowledge".
- ▶ It involves the **COLLECTION, ORGANIZATION, and ANALYSIS** of information to ***INCREASE UNDERSTANDING*** of a topic or issue.
- ▶ A research project may be an expansion on past work in the field



Collaboration in Research

Types of Collaboration

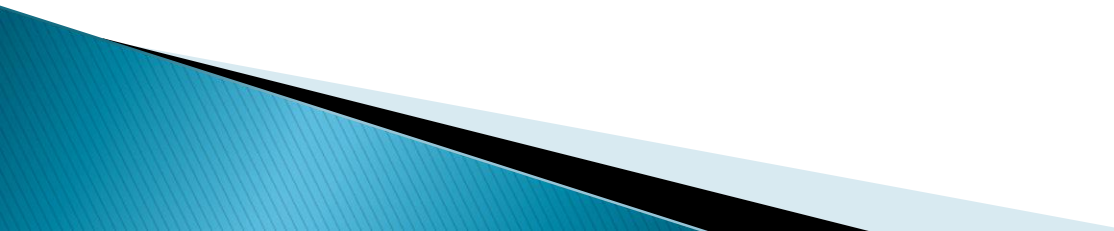
**Networks and
interest Groups
Shared document
creation
Collaborative
Information
Creation and
Sharing
Communication**

Why Collaborate in Research

- i. **Pooling of Equipment**
- ii. **Sharing of Knowledge ,
skills & Techniques**
- iii. **Source of Creativity**
- iiii. **Greater Scientific
Visibility**
- v. **Intellectual Visibility
/Expanded network**
- vi. **Team Work Skills (Social
& Management)**

Why Research Is Necessary

and Valuable in Our Daily Lives

- ▶ It's a means to understand issues and increase public awareness.
 - ▶ It helps us succeed in business.
 - ▶ It allows us to disprove lies and support truths.
 - ▶ It is a means to find, gauge, and seize opportunities
- 

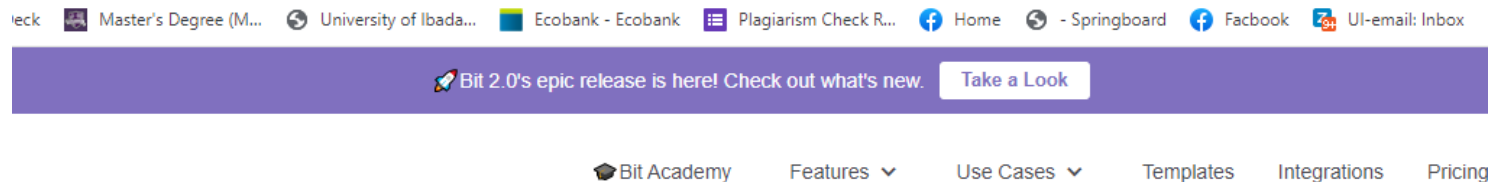
Using cloud-based Technology Benefits in Research

- ✓ Its ability to easily share data.
- ✓ Data can be transferred and shared instantaneously between collaborating researchers.
- ✓ In addition, the availability of the cloud computers whenever necessary means users can Immediately apply analyses.



1. Bit.ai

Top Cloud-Based Tools for Research



The World's Most Powerful Workplace and Document Collaboration Platform

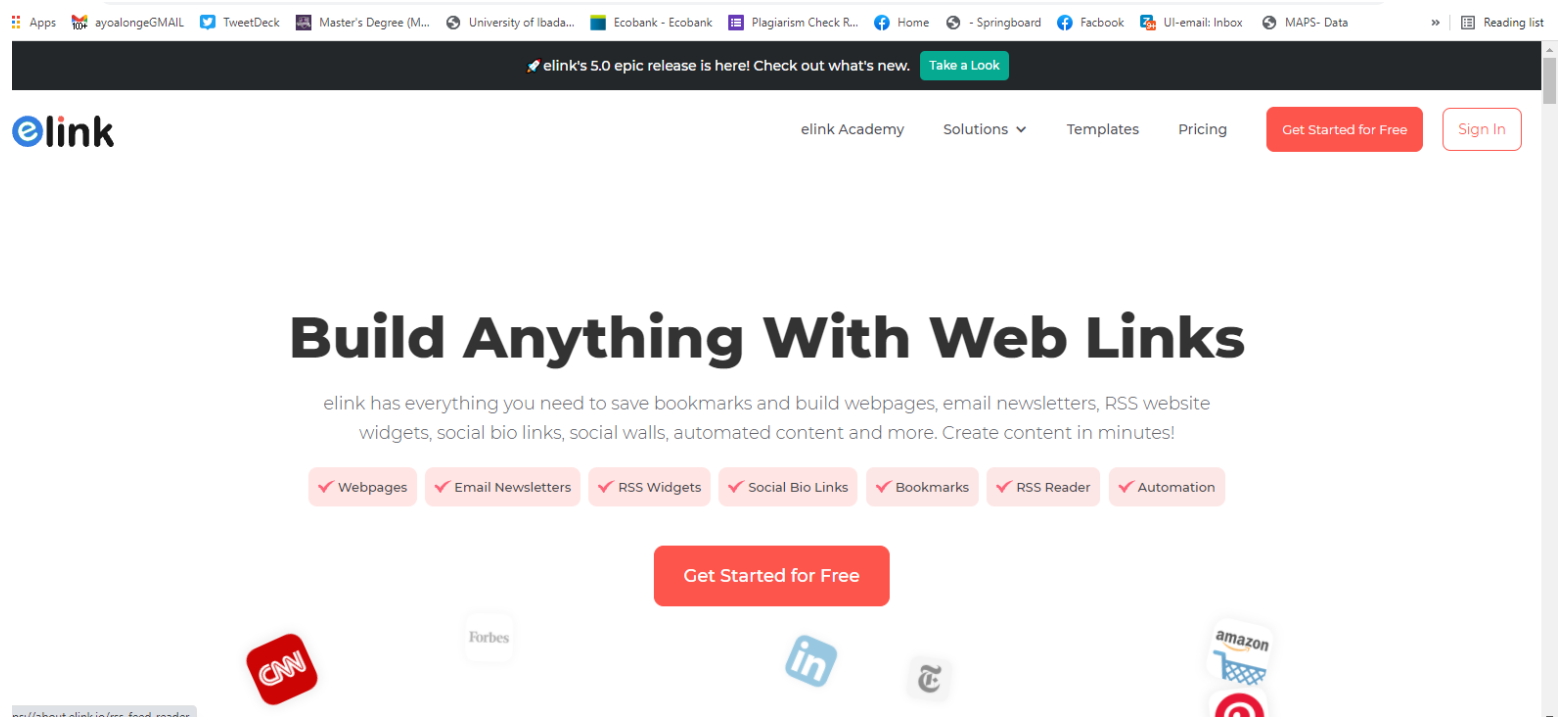
Built for teams and individuals to create, collaborate, and organize all your knowledge in one place from anywhere in the world. Create fast dynamic notes, documents, wikis, knowledge bases, projects, client deliverables, technical docs, training guides and client portals, while integrating across the apps you work with.

✓ Docs & Notes ✓ Wiki / Knowledge Base ✓ Doc Tracking ✓ Client Portals ✓ Website Embed ✓ Data Rooms

Get Started for Free

2. elink.io

Top Cloud-Based Tools for Research



elink has everything you need to save bookmarks and build webpages, email newsletters, RSS website widgets, social bio links, social walls, automated content and more. Create content in minutes!

Key Features

- Save links quickly using chrome extension

Create and share research links as a newsletter or embed it on your website –Easy user-interface

3. GanttPRO Top Cloud-Based Tools for Research

- GanttPRO allows researchers to create a **limitless number of tasks, groups of tasks, and subtasks on one timeline.**
- Besides, it's a perfect planning tool for assigning tasks to your fellow researchers or creating virtual resources,
- The software is a good choice for collaboration, Time Tracking, as well as sharing and exporting your schedules.

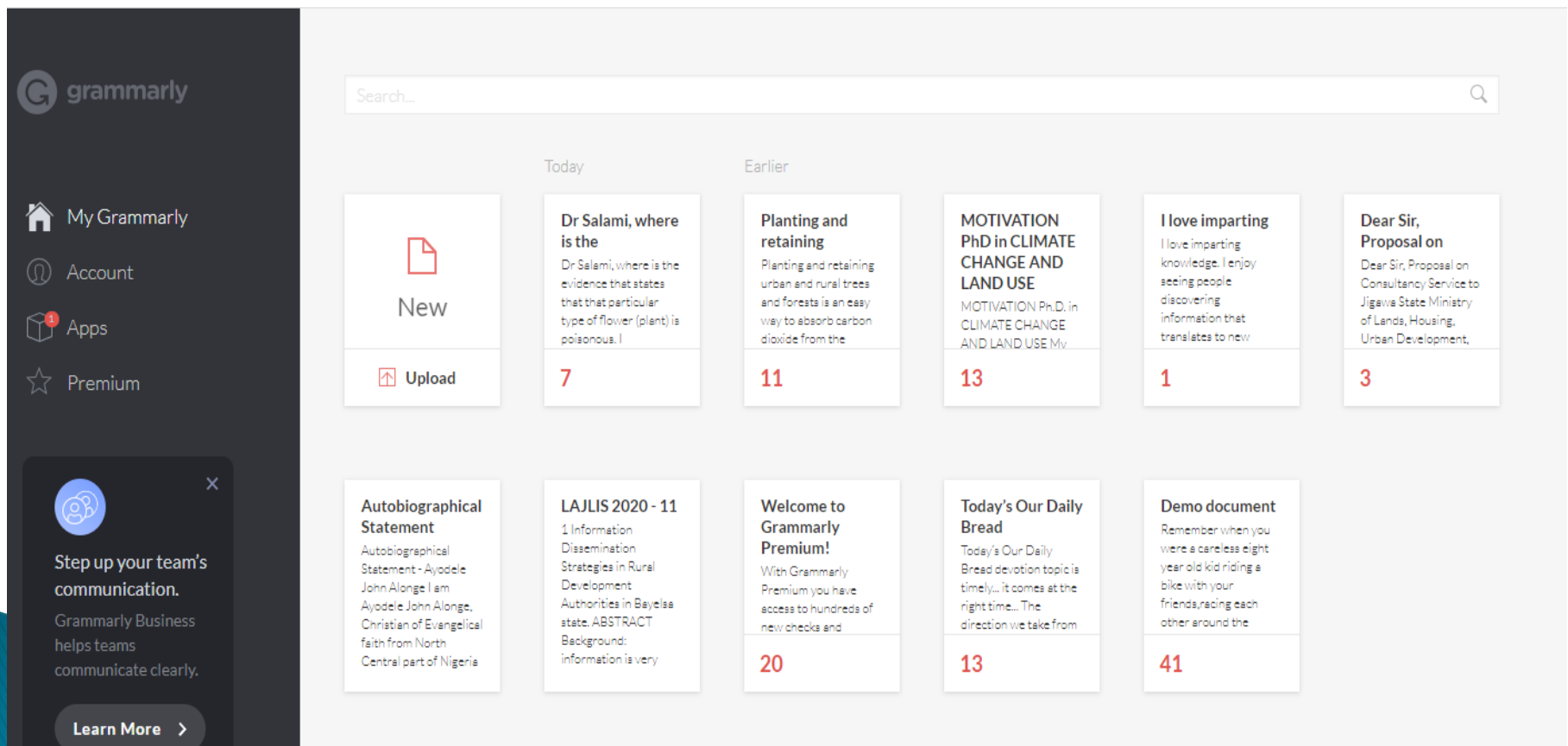
The image shows the GanttPRO website and a sample Gantt chart interface. The website has a dark green header with the GANTTPRO logo, navigation links (Product, Pricing, Contact us), and a Sign in button. The main content area features the text "Online project management solution based on Gantt charts" and "Keep your planning simple, team members - engaged, clients - in the loop!". Below this is a large orange button labeled "TRY FOR FREE". At the bottom, there are five stars and the text "based on 1000+ reviews", along with logos for Capterra, CROWD, and TrustRadius.

The Gantt chart interface is titled "New project" and shows a Gantt view. It displays a timeline with tasks and subtasks. The tasks are grouped into "Market Research" and "Product Concept". The "Market Research" group includes "Target Markets", "Target Customers", and "Competitors Research". The "Product Concept" group includes "Stage 1", "Stage 2", and "Stage 3". The chart shows the duration of each task and the assignment of team members (Peter, Lusine, Mary) to specific tasks. A workload view is also shown at the bottom, displaying the workload of team members across different tasks.

4. Grammarly

Top Cloud-Based Tools for Research

writing enhancement tool will save you a ton of time and effort doing this dreaded task! Apart from basic **spellchecking** and **corrections**, It includes a **grammar checker**, a **punctuation checker**, a **vocabulary enhancer**, and even a **plagiarism checker tool**!



The screenshot displays the Grammarly web application interface. On the left is a dark sidebar with the Grammarly logo and navigation links: My Grammarly, Account, Apps, and Premium. A 'Step up your team's communication' banner is also present. The main area features a search bar and a grid of document cards categorized by 'Today' and 'Earlier'. Each card shows a document title, a snippet of text, and a red number indicating the count of suggestions.

Category	Document Title	Snippet	Suggestions
Today	New	Dr Salami, where is the evidence that states that that particular type of flower (plant) is poisonous. I	7
	Planting and retaining	Planting and retaining urban and rural trees and forests is an easy way to absorb carbon dioxide from the	11
	MOTIVATION PhD in CLIMATE CHANGE AND LAND USE	MOTIVATION Ph.D. in CLIMATE CHANGE AND LAND USE My	13
	I love imparting	I love imparting knowledge. I enjoy seeing people discovering information that translates to new	1
	Dear Sir, Proposal on	Dear Sir, Proposal on Consultancy Service to Jigawa State Ministry of Lands, Housing, Urban Development,	3
	Autobiographical Statement	Autobiographical Statement - Ayodele John Alonge I am Ayodele John Alonge, Christian of Evangelical faith from North Central part of Nigeria	
Earlier	LAJLIS 2020 - 11	11 Information Dissemination Strategies in Rural Development Authorities in Bayelsa state. ABSTRACT Background: Information is very	
	Welcome to Grammarly Premium!	With Grammarly Premium you have access to hundreds of new checks and	20
	Today's Our Daily Bread	Today's Our Daily Bread devotion topic is timely... It comes at the right time... The direction we take from	13
	Demo document	Remember when you were a careless eight year old kid riding a bike with your friends, racing each other around the	41

5. Typeset.io

Top Cloud-Based Tools for Research

Typeset has a **plagiarism and grammar checker** built in to ensure your writing is error-free. Once done uploading and citing, click on autoformat to generate your report in seconds. You can also download your research in **PDF, Docx, LaTeX file**, or even as a **Zip file**. With **collaboration features built-in**, you can invite your fellow researchers to the platform and work together.

[Formats Gallery](#)[Pricing](#)[For Universities](#)[For Publishers](#)[Login](#)[Signup](#)

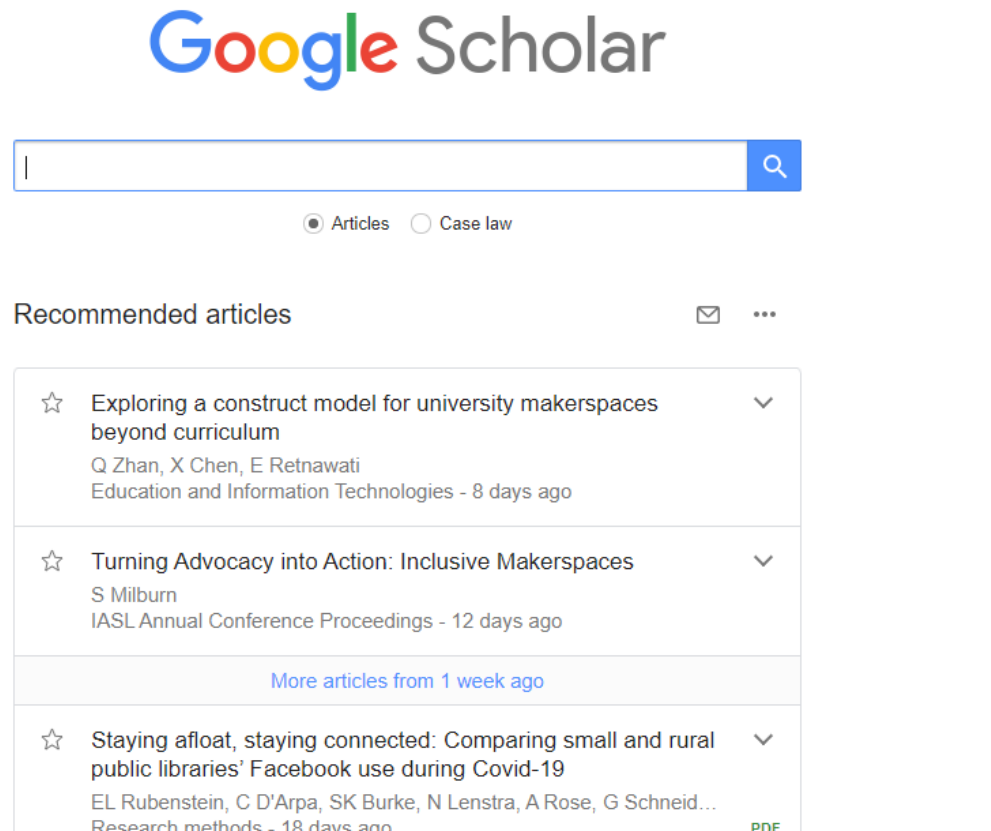
Welcome researcher, we've been expecting you.

Getting your research published is tough. Typeset is the smarter alternative to MS-Word & LaTeX.

We help you write and submit research papers that get accepted.

6. Google Scholar – Top Cloud-Based Tools for Research

Google Scholar provides a quick way to broadly search for scholarly literature from one location. Look for articles, theses, books, abstracts, and court opinions, from professional societies, online repositories, universities, academic publishers, and other websites.



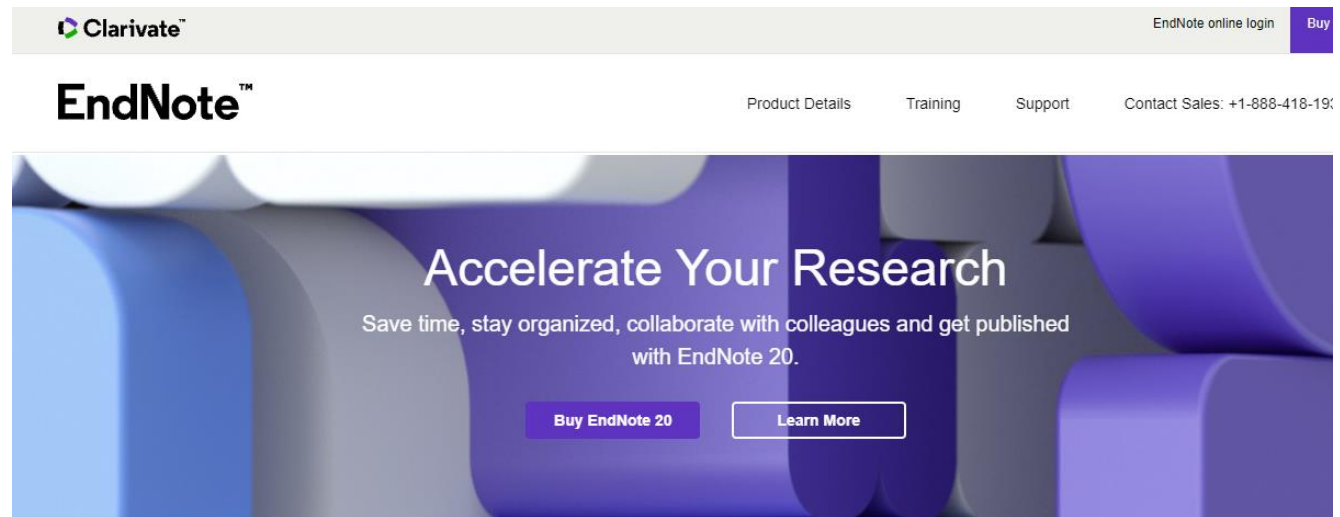
7. Endnote

Top Cloud-Based Tools for Research

Just like Mendeley The platform also enables users to automatically create, format, and update bibliographies. Quickly export your references and full-text PDFs into EndNote and start working instantly. With a bunch of EndNote templates and plug-ins, researchers can enhance their Endnote experience and get the most of the platform.

Key Features of Endnote:

- Import filters for prior research
- Track your teammates' activity on your shared library
- Automatic reference and link updating



Focus on what matters most: your research.

Did you know that researchers waste nearly 200,000 hours per year formatting citations? Imagine if you could have that time

ds the use of cookies

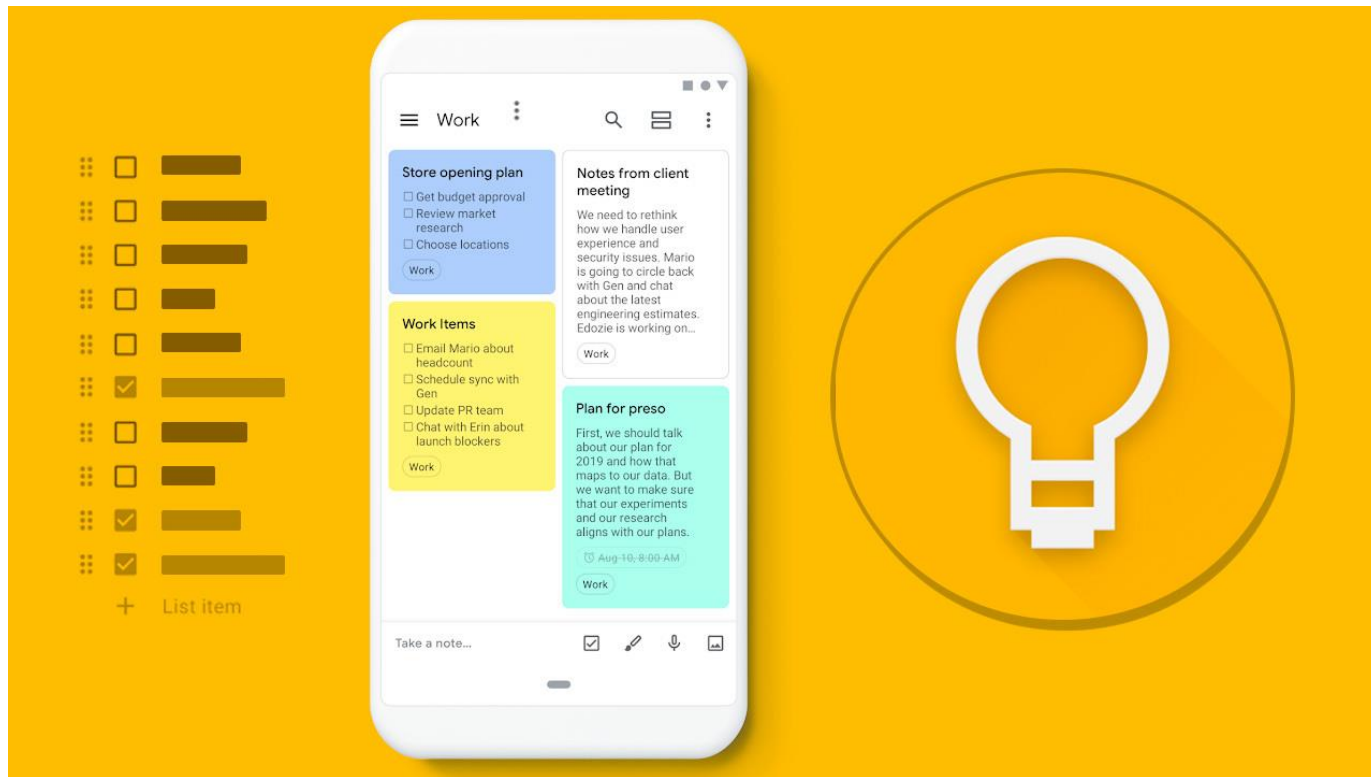
cs websites use cookies to improve your online experience.

on your computer when you launched this website. You can change your cookie settings through your browser.

8. Keep

Top Cloud-Based Tools for Research

Google Keep is a **note-taking service** included as part of the free, web-based Google Docs Editors suite offered by Google. ... Google Keep is available as a web application as well as mobile app for Android and iOS. The app offers a variety of tools for taking notes, including text, lists, images, and audio.



9. ArcGIS Survey 123

Top Cloud-Based Tools for Research

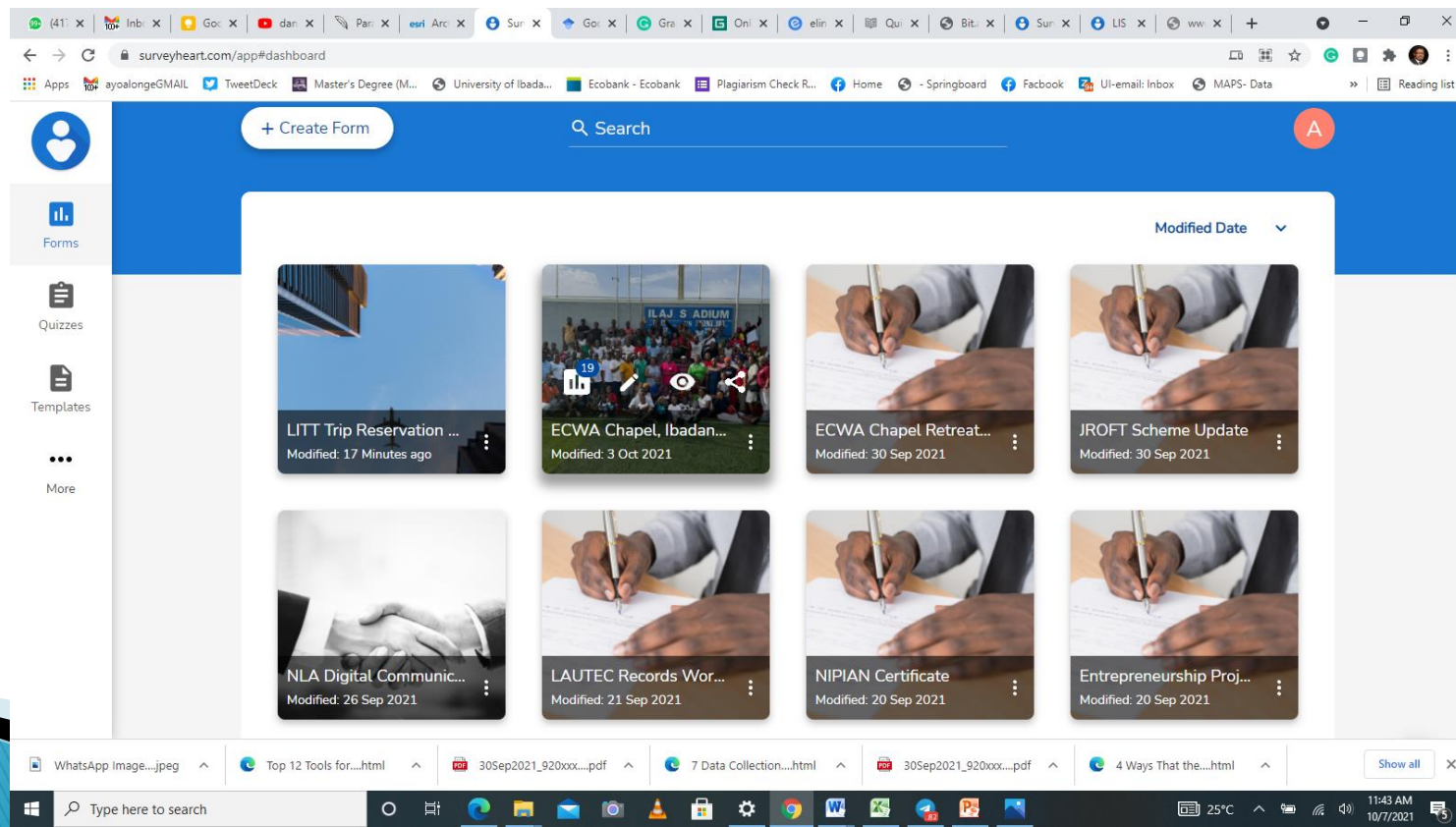
ArcGIS Survey123 is a **complete, form-centric solution for creating, sharing and analyzing surveys**. Use it to create smart forms with skip logic, defaults, and support for multiple languages.



8. Survey Heart

Survey Builder

Create surveys/forms with 9 different types of questions which are commonly used for collecting responses. In our form builder you can control your form access level to the responders like whether they can view your results or not, are they allowed to give multiple answers or not, whether questions of your form gets shuffled or not.

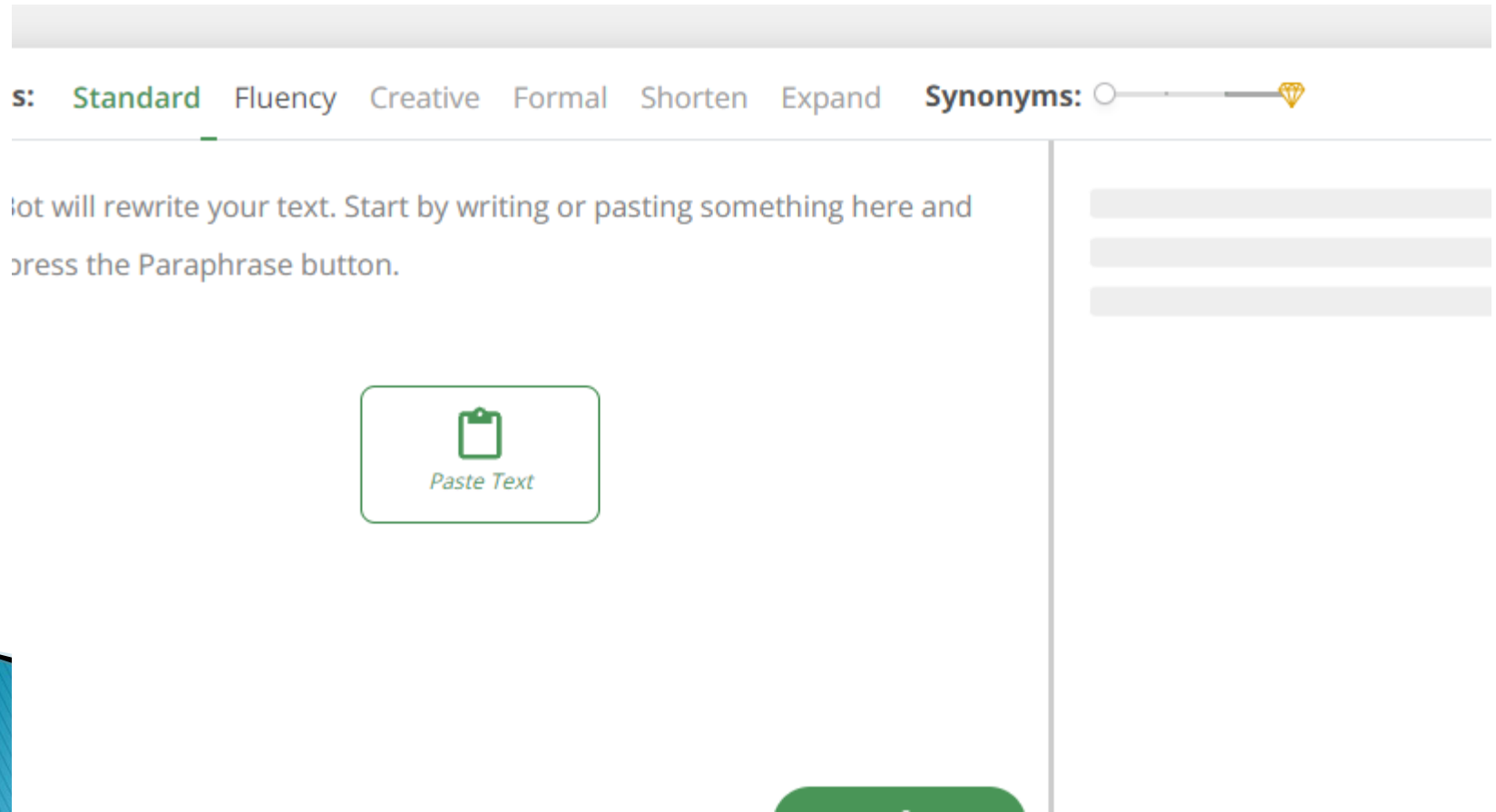


9.

Top Cloud-Based Tools for Research

<https://quillbot.com/>

ArcGIS Survey123 is a **complete, form-centric solution for creating, sharing and analyzing surveys**. Use it to create smart forms with skip logic, defaults, and support for multiple languages.



The screenshot displays the QuillBot web application interface. At the top, there is a navigation bar with a grey background. Below this, a row of text transformation options is visible: 's: Standard', 'Fluency', 'Creative', 'Formal', 'Shorten', and 'Expand'. To the right of these options is a 'Synonyms' section with a circular icon and a diamond icon. The main content area is divided into two sections. The left section contains instructional text: 'Bot will rewrite your text. Start by writing or pasting something here and press the Paraphrase button.' Below this text is a green-bordered box with a clipboard icon and the text 'Paste Text'. The right section features three horizontal grey bars, likely representing the output of the text rewriting process.

Research Engagement

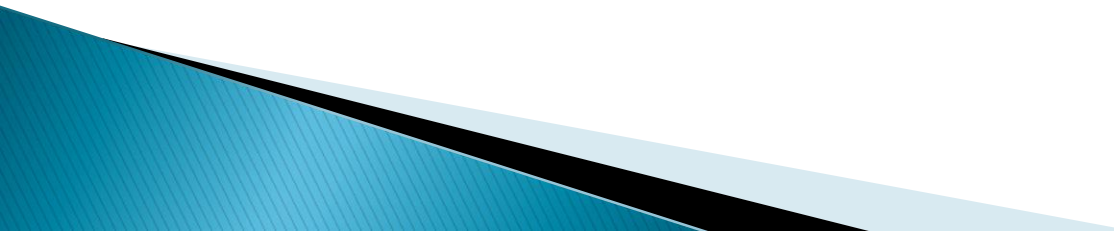
... the interaction between researchers and research end-users outside of academia, for the mutually beneficial transfer of knowledge, technologies, methods or resources

- ▶ ... Increased accountability and transparency of research.
- ▶ Increased responsiveness of research to societal needs.
 - Town & Gown
 - Policy maker

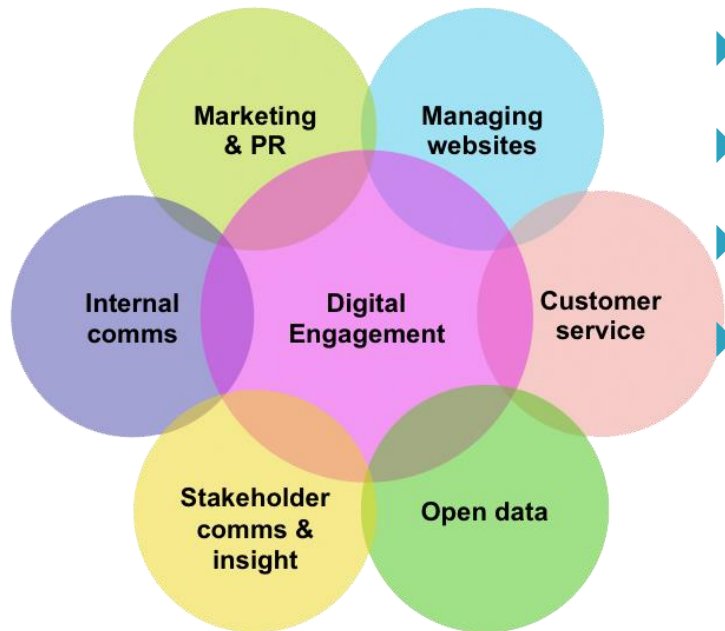


Dissemination

Effective dissemination and communication are vital to ensure that the conducted research has a social, political, or economical impact. They draw attention of governments and stakeholders to research results and conclusions, enhancing their visibility, comprehension, and implementation.

- ▶ Social Media
 - ▶ Policy Brief
 - ▶ Conferences – Workshop/seminar
 - ▶ Online Newspapers
- 

Cloud– Based Research Engagement



- ▶ Video. – Youtube
- ▶ Email. –
- ▶ Blogging –
- ▶ Social media – Facebook
- ▶ Search engine optimization.
- ▶ Display ads.

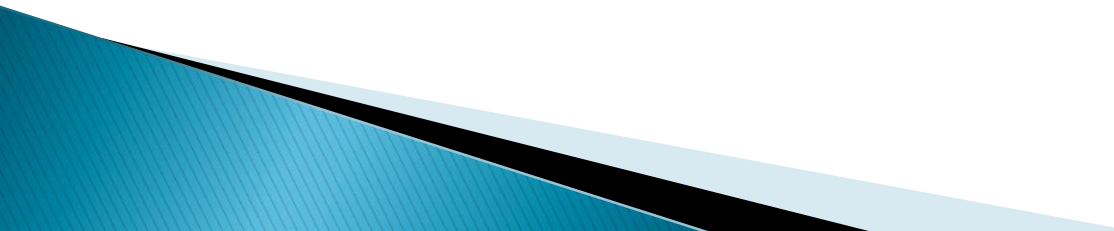
WhatsApp, Telegram, SMS, Facebook Messenger, and Webchat

#DanceYourPhD

- ▶ Dance your Ph.D. Social Media for HIV&AIDS Information Communication by Dr. Ayodele John Alonge
- ▶ <https://youtu.be/YmnN0QLFBL0>

Blogs

Practical – Demonstration

- ▶ Surveyheart
 - ▶ Grammarly
 - ▶ Youtube
 - ▶ Quellbot
 - ▶ Google Keep
 - ▶ Google Lens
 - ▶ Blogs
- 

THANK YOU!



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