



PROMOTING KNOWLEDGE MANAGEMENT CULTURE

TOPIC

Digitization of NARO generated
and accessed information using an
E-Library

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Digitisation of NARO-generated and accessed Information: The NARO E-Library

Wednesday, 2nd April 2025

Eria Bwana Simba
Librarian - NARO

Outline

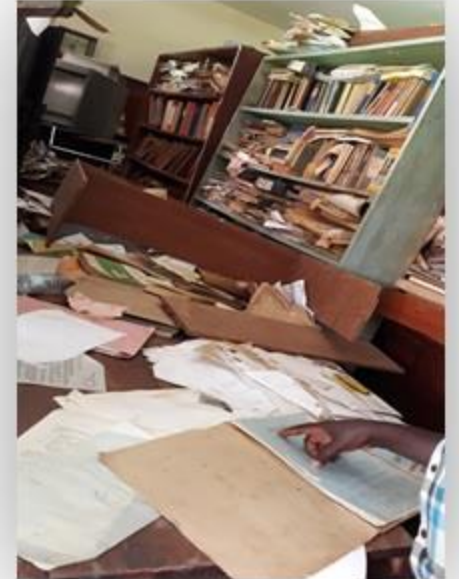
- Introduction
- The Current Situation
- Intervention
- Results
- The NARO E- Library
- The Next Steps

Introduction

- NARO has produced a lot of documents since its establishment in 1992.
- The pre-NARO research system had also generated and continued to acquire a lot of useful books, journals, pamphlets, manuals, compendia, reports, leaflets, charts, posters, magazines, policy briefs, bulletins, maps, newspapers, photographs, audios, videos, and other forms of information materials.
- 13,000 resources
 - These support agricultural research and development (R&D) agenda

The Current Situation

- The information materials are:
 - Mostly kept in analog sources
 - Scattered within & across the various PARIs and NARO Secretariat
 - Sharing and utilisation of NARO generated knowledge by intended beneficiaries is limited - due to limited availability of research-based information on relevant digital platforms (e.g. NARO information Hub)



The Current Situation

- The information materials are stored and open to the elements hence prone to permanent damage or disappearance.



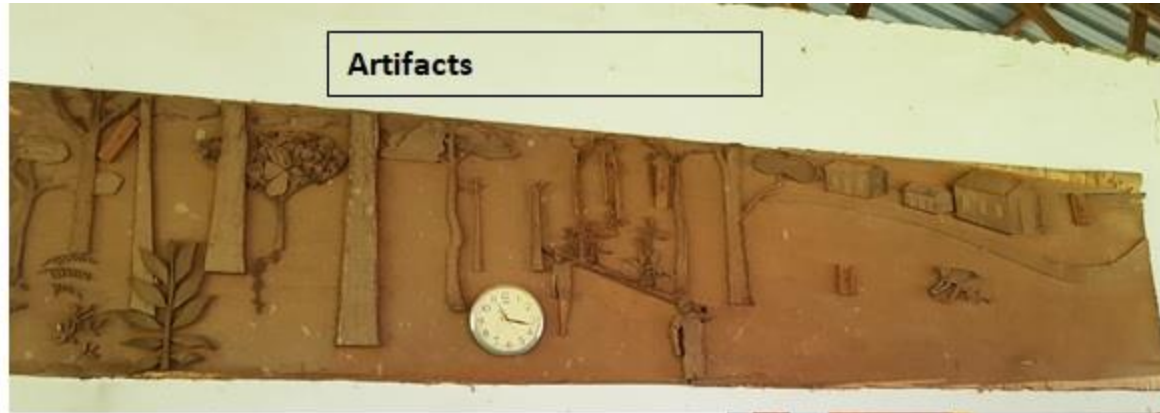
Intervention

- NARO has recognised the importance of having its information materials digitised and stored in platforms that ensure their wide use, sharing, safety, and their preservation for posterity.
- The process to digitise these materials has begun in earnest.
 - Print
 - CDs, Video VHS tapes, cassettes
 - Insectaries,
 - Herbarium
 - Artifacts
 - Others

Intervention ... contin'd

1. To transform NARO's valuable literary assets from the risky analog sources to the safer and easily shared digital formats
2. To improve document access by users -(indexing, cataloguing and uploading onto safe online spaces)
3. To facilitate access and sharing of key policy and administrative documents among NARO staff and other stakeholders
4. To optimize work and storage space

Intervention ... contin'd



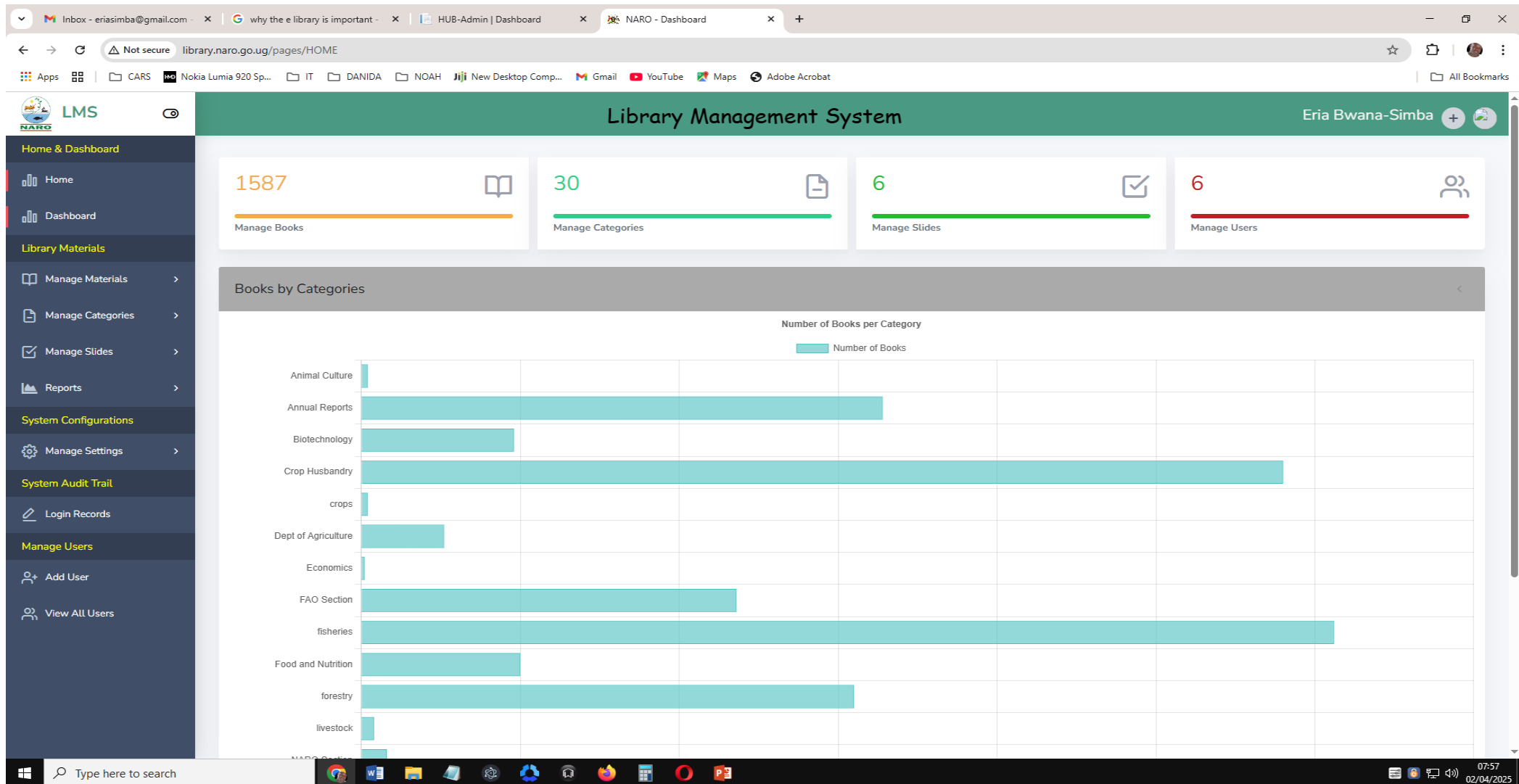
Results

1. NARO information materials and records digitised (scanned, indexed and digitally stored)
2. Digitised documents catalogued (meta-data for inclusion into NARO E-library in house Database and NARO Information Hub developed) and re-organised for easy access by users
 - <http://naroinfohub.naro.go.ug/repository> - 2350
 - <http://library.naro.go.ug/pages> - 1587
- 3. Administrative (human resource, and policy documents) records digitised and soft copies available on internal databases.

The Importance of the E-Library

- Preservation
- Accessibility –(Ease, Multiple Access, Remote access, round the clock access,)
- Automated Management
- Collaboration
- Ease of Update -
- Cost Effectiveness (No physical copies and space-saving)
- Unlimited Collection (No physical boundaries)
- Interactivity (forums, discussion boards, and collaborative spaces,)

The NARO E-Library



The NARO E-Library



**NATIONAL AGRICULTURAL
RESEARCH ORGANISATION**

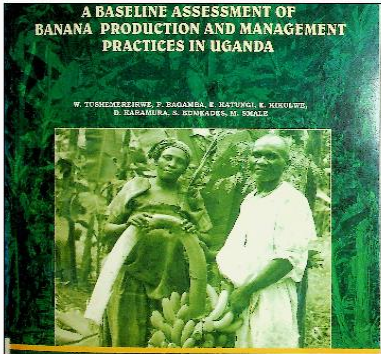
Library Management System

Books

Others

Dashboard

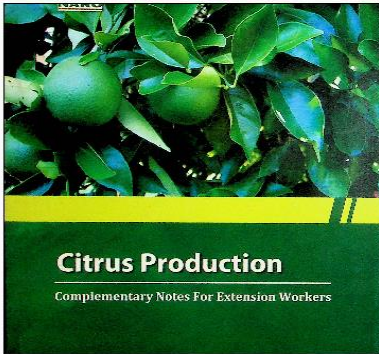
NARO Section



A BASELINE ASSESSMENT OF BANANA PRODUCTION AND MANAGEMENT PRACTICES IN UGANDA

W. TUSHEMEREIWE, F. BAGAMBA, E. KATUNGI, E. KIKULWE, D. KARAMUSA, S. EDMEADES, H. SMALE

View Details Available - 7

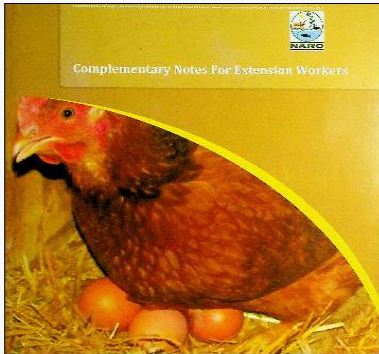


Citrus Production

Complementary Notes For Extension Workers

CITROUS PRODUCTION

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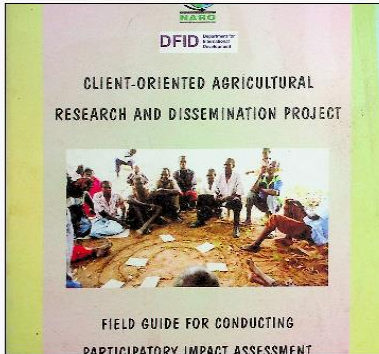


Complementary Notes For Extension Workers

POULTRY PRODUCTION

Naro

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DFID

CLIENT-ORIENTED AGRICULTURAL RESEARCH AND DISSEMINATION PROJECT

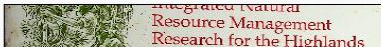
FIELD GUIDE FOR CONDUCTING PARTICIPATORY IMPACT ASSESSMENT

CLIENT-ORIENTED AGRICULTURAL RESEARCH AND DISSEMINATION PROJECT

Leonard Oruko

View Details Available - 1

Natural Resource Management



Integrated Natural Resource Management Research for the Highlands



STATE OF THE ENVIRONMENT REPORT FOR UGANDA



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The Next Steps

- Training of Cybrarians (Online Cataloguers and Indexers)
- Complete the Catalogue Entries
- Automating Management (cataloguing, indexing, access control, tracking, and preservation)
- Interactivity (Hyperlinks, multimedia resources, search functions)
- Collaboration with other Digital initiatives
- Acquiring more digital scanners

Thank You