Toward an application profile for enhancing Agri-Nutrition knowledge discovery in Kenya

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About the Kenya National Agri-nutrition Conference

Introduction

- Inaugural Agri-nutrition Conference conceptualized and planned by Ministry of Agriculture, Livestock and Fisheries (MoALF)
- Agri-nutrition is a rebranding from Home Economics

About the Kenya National Agri-nutrition Conference

Introduction

- Financial & technical support provided by respective Ministries and organizations represented

Why Agri-nutrition Conference?

SDG 2
- End hunger and achieve food and nutrition security

Kenya Constitution 2010
- Right to food

Kenya Vision 2030
- Investment in Agriculture for food and Nutrition

Why Agri-nutrition Conference?

Food Security

The Government targets to achieve 100% national food and nutrition security through the Ministry of Agriculture, Livestock, Fisheries and Irrigation. In execution of this mandate, the Ministry needs a national database of farming households and subsequently all farmers in the country. Achieving national food security will be largely informed by a comprehensive register of all farmers in Kenya. The Huduma Namba database will provide biometric data of farmers which will be a reference point for further registration of other fields while avoiding duplication of bio data capture. This will enhance efficiency in the use of public resources.

Affordable Housing
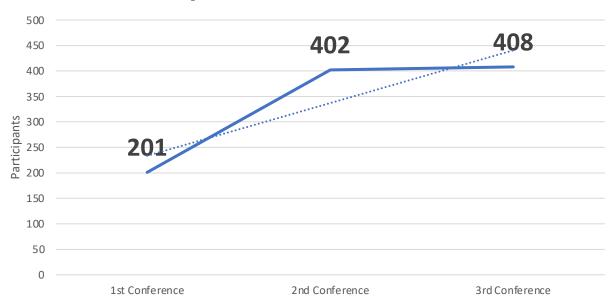
Affordable Healthcare

Huduma Namba data will assist in planning for achievement of universal healthcare through provision of background information needed for registration for provision of universal healthcare services under the National Hospital Insurance Fund (NHIF).The same information will be easily accessible for use by relevant stakeholders in the health sector. Accurate patient identification is necessary in order to administer proper diagnosis and treatment. Further, Huduma Namba will provide data that will avert fraud or manipulation for access of services.

Manufacturing

- Part of Big 4 agenda of the President
- Agriculture Sector Transformation and Growth Strategy 2019-2029
- 100% food and nutrition security
- Showcase Agri-nutrition experiences
- Platform for experience sharing in role of agriculture in improving nutritional outcomes
- Bridging disconnect between nutrition and agriculture

Trends in Agri- Nutrition Conference

Participant trends 2017 - 2019

Collaborators

11 organizations part of Conference Organizing Committee

Partners

25 organizations

Agri- Nutrition Conference Activities

1. **Unveiling key documents**

   i. Agri- Nutrition Resource Manual

   ii. Agri- Nutrition Dialogue cards (14)

   iii. Kenya Food Composition Tables, 2018

   iv. Kenya Food Recipes Book, 2018

   v. National Dietary and Health Guidelines

   vi. Agri- Nutrition Curricullum

2. **Exhibition of materials and posters presentation**

3. **Topical presentations by key speakers**

4. **Panel discussion**

What Next?

- Research findings and evidence based intervention to inform policy

- Capacity building of policy development and implementing units

- Collaboration and partnerships

- Exposing investment opportunities for nutrition

- Bridging the disconnect between nutrition and Agriculture
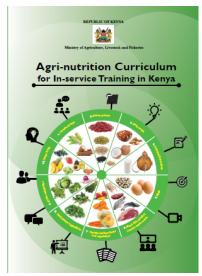
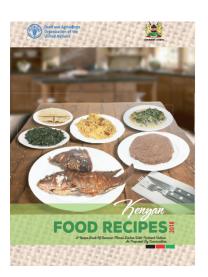# Communication for Agrinutrition Conference

Communication solutions

- Brand and position annual conference flagship event for agrinutrition unifying logo for conference

- Extensive pre-event promotion

- Post-event dissemination and learning activities

Communication for Agrinutrition Conference

Challenge:

Lack of national reference and training materials

Knowledge products:

- In-service training curriculum
- National recipe book
- Agri- Nutrition resource manual
- Agri- Nutrition Dialogue cards (14)
- Kenya food composition tables 2018
- National Dietary and health guidelines

Communication for conference – mass media

State set to meet millers over fuel tax

Agriculture CS, however, downplays effect of 16pc extra levy on price of unga

by Nicholas Waitathu
@PeopleDaily4e

Maize harvest to hit 46m bags, says Agriculture CS Kiunjuri

WEDNESDAY SEPTEMBER 12 2018

GRAIN HANDLING

Maize harvest to hit 46m bags: CS

Kiunjuri reveals that bumper harvest would be a big boost to food security in the country
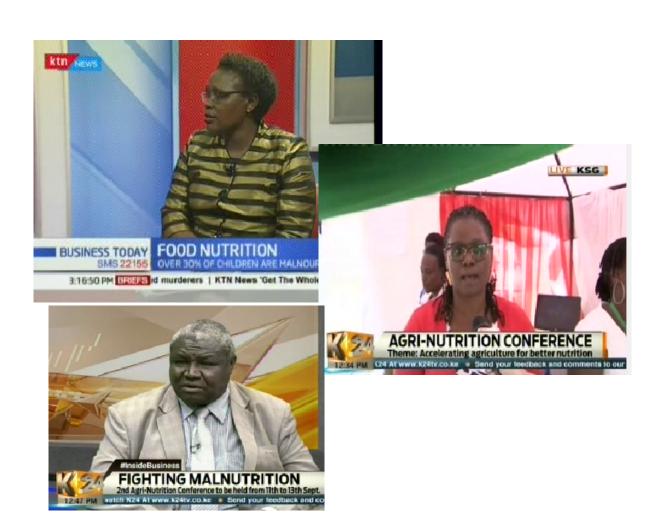
BY AGGREY OMBOKI
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Mass media – Print & Online

- https://www.standardmedia.co.ke
- http://www.mediamaxnetwork.co.ke
- https://www.the-star.co.ke/
- https://www.kenyandigest.com
- https://www.nation.co.ke/
- https://www.businessdailyafrica.com
- https://www.youtube.com

Social media

#agrinutrition

USAID Kenya @USAIDKenya · Nov 22, 2017
"Unless #women become more empowered, it will be difficult to sustain productivity growth and have an impact on malnutrition and stunting," @USAID's Tina Dooley-Jones. Speech: ow.ly/6PJo30gK57Q #agrinutrition

Communication for agrinutrition conference

- **Mass media – TV**
- Prime time new on major channels
- Pre-event talk show appearances
- Townhall style segment in 3rd conference

Communication for agrinutrition conference
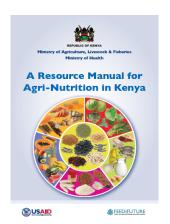

Conference website

- Online registration
- Program
- Livestreaming content
- Repository
  - Abstracts and presentations
  - Final conference report
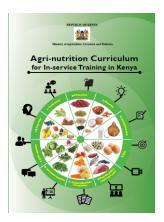 - Conference videos and photos

Agrinutrition portal

- Curation of growing body of field experiences
- Exchange of emerging & best practices
- Practitioner listservs/communities of practice
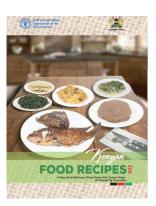- Online training and learning events

Metadata Management

Agri-Nutrition Conference to AGRIS data provider

Metadata Management

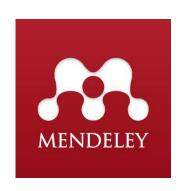## Examination of knowledge products

- Book of Abstracts
- In-service Training Curriculum
- Conference Programs
- Posters
- Agri-Nutrition Resource Manual
- National recipe book
- National Dietary and health guidelines

Metadata Management
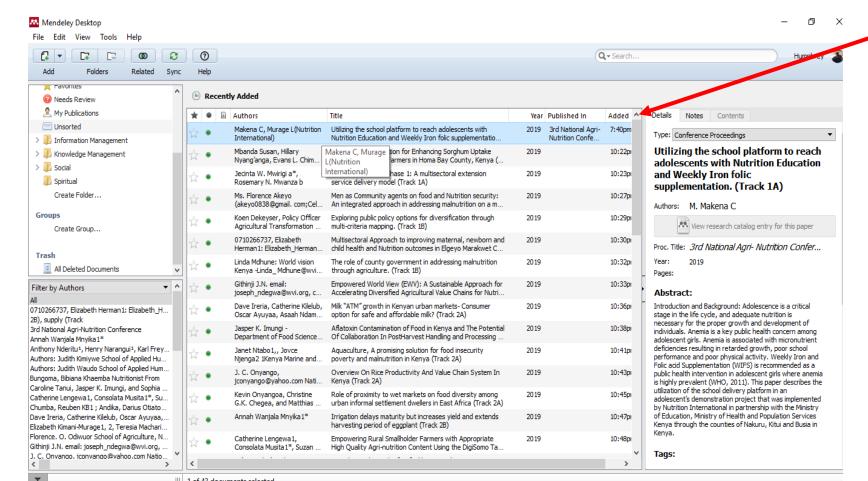
Standardized metadata required to share Agri-nutrition knowledge products

Created Mendeley Archive of
Agri-nutrition knowledge products

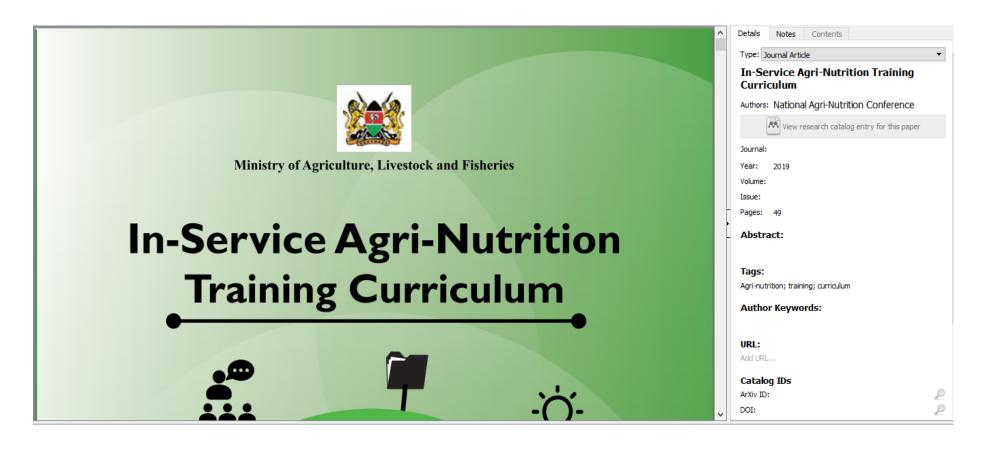# Metadata Management

Mendeley Archive of Agri-Nutrition knowledge products

Library of 47 items

Metadata Management

Mendeley Archive of Agri-Nutrition knowledge products

Metadata

Knowledge product

Metadata Management

Mendeley Archive of Agri-Nutrition knowledge products

Metadata Management

Common Metadata for Agri-Nutrition knowledge products

AGRI-NUTRITION CONFERENCE METADATA

Knanp:Author

Knanp:Affiliation

Knanp:Corporate_author

Knanp:Title

Knanp:Subtitle

Knanp:Abstract

Knanp:Date

Knanp:Place

Knanp:Publisher

Knanp:Extent

Knanp:Geographical_coverage

Knanp:Objective

Knanp:Methodology

Knanp:Recommendations

Knanp:Author_keywords
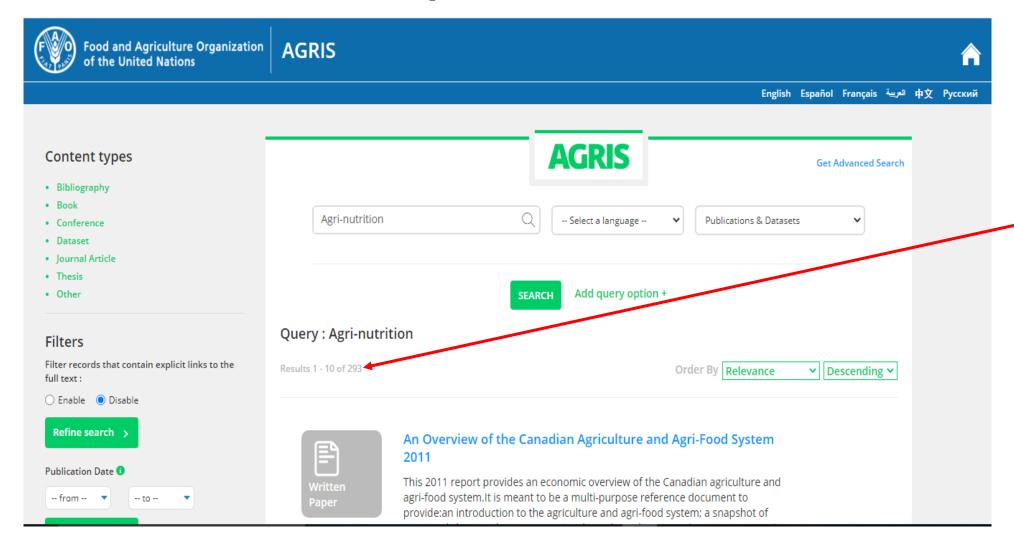
Knanp:Agrovoc_descriptors

Knanp:URL

Knanp:Type

LEGEND

Knanp = Kenya National Agri-Nutrition Profile

Metadata Management
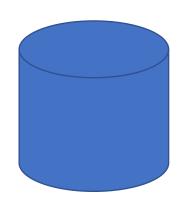
Mapping Knanp to Dublin Core Metadata Schema

AGRI-NUTRITION CONFERENCE METADATA	MARC-21	DUBLIN CORE
Knanp:Author	100$a	dc:Creator
Knanp:Affiliation	100$b	dc:contributor
Knanp:Corporate_author	110$a	dc:Creator
Knanp:Title	245$a	dc:title
Knanp:Subtitle	245$b	dc:title:part
Knanp:Abstract	520 3#$a	dc:description
Knanp:Date	260$a	dc:date
Knanp:Place	260$c	dc:coverage
Knanp:Publisher	260$b	dc:publisher
Knanp:Extent	300$a	dc:format
Knanp:Geographical_coverage	522 ##$a	dc:coverage
Knanp:Objective	658 ##$a	
Knanp:Methodology	567 ##$a	
Knanp:Recommendations	500$a	
Knanp:Author_keywords	653$a	dc:subject
Knanp:Agrovoc_descriptors	655$a	dc:subject
Knanp:URL	856 40$u	dc:identifier
Knanp:Type	008/18-34	dc:type

Metadata Management

FAO's AGRIS Discovery Interface

293 Agri-nutrition entries

Metadata Management

What next?

National Agri-Nutrition Repository

Host

- Ministry of Agriculture, Livestock, Fisheries & Co-operatives
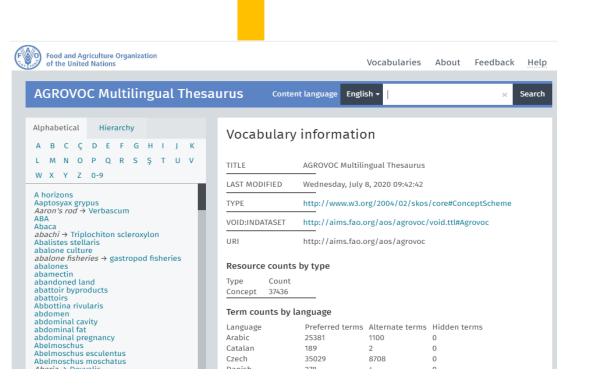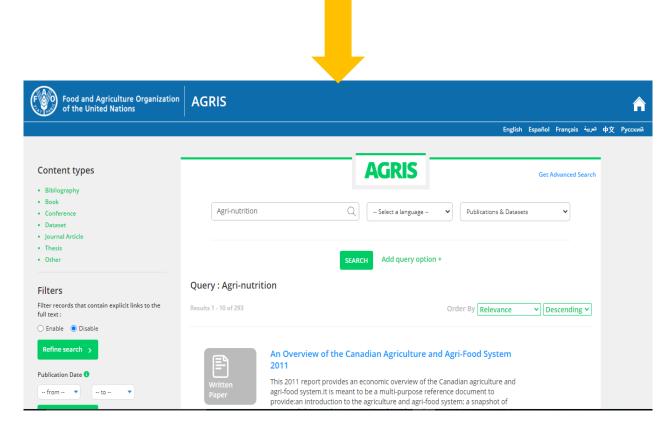
Proposed Systems

Metadata Management

What next?

| Enrich Agri-Nutrition metadata with FAO's Agrovoc descriptors | → | Share final **Knanp** metadata with FAO's AGRIS discovery interface |

THANK YOU