

# Open access repository at ILRI

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Presentation to UNECA visitors, Addis Ababa, 3 March 2016



**ILRI**  
INTERNATIONAL  
LIVESTOCK RESEARCH  
INSTITUTE



# CGIAR - a global research partnership for a food-secure future

- Consists of 15 independent research centers

AfricaRice  
Bioversity International  
Center for International Forestry Research (CIFOR)  
International Center for Agricultural Research in the Dry Areas (ICARDA)  
International Center for Tropical Agriculture (CIAT)  
International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)  
International Food Policy Research Institute (IFPRI)

International Institute of Tropical Agriculture (IITA)  
International Livestock Research Institute (ILRI) ←  
International Maize and Wheat Improvement Center (CIMMYT)  
International Potato Center (CIP)  
International Rice Research Institute (IRRI)  
International Water Management Institute (IWMI)  
World Agroforestry Centre (ICRAF)  
WorldFish

# Context

In November 2013, all 15 members of the CGIAR Consortium unanimously endorsed the Open Access and Data Management Policy (the “Policy”) designed to make final CGIAR information products – including publications, datasets, and audio-visual materials – Open Access

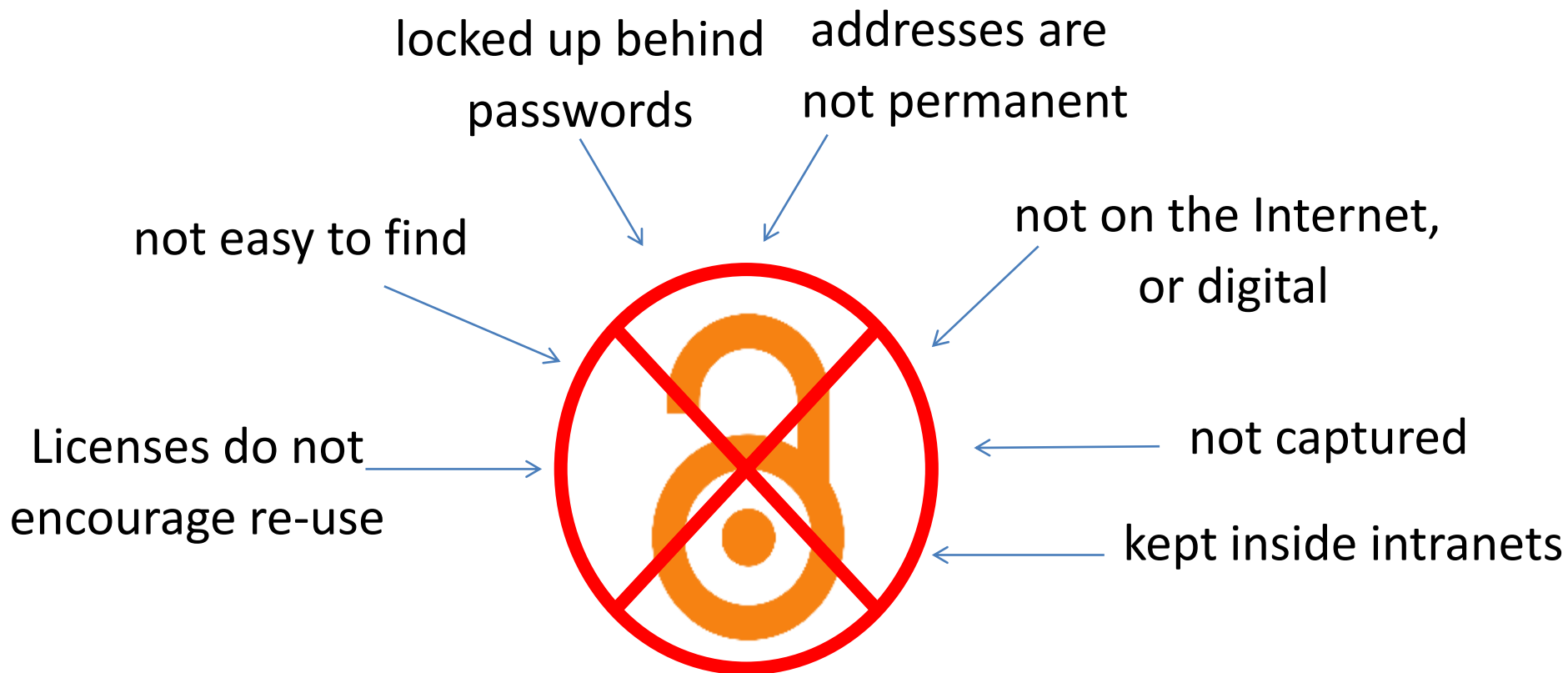
<http://www.cgiar.org/open>

**OUR RESEARCH RESULTS, OUTPUTS, PRODUCTS**



**ARE THEY TRULY ACCESSIBLE?**

# Traditionally, not really ...



- They are not accessible
- They are deep in the iceberg

# Access to Public Goods, Long on CGIAR Agenda

**CGIAR Science  
Council in 2008:  
*Research benefits  
must travel across  
borders***



<https://r4dconsult.wordpress.com/2008/12/02/international-public-goods-research/>

# Going open with Dspace at ILRI

# How it started...

- **Before:** InMagic, physical library
- **2009:** ILRI launched “*Mahider*” (repository in Amharic)
- **Mahider** is ILRI’s institutional repository on Dspace (Dspace is open source software for creating digital repositories)
- Info Center/Library transformed to ‘open space’



# How ILRI Uses “Mahider”

- Primary location for institutional outputs!  
(No posting PDFs on corporate website!)
- We aim to ‘index’ everything, wherever published
- Publishing and alerting platform
- Content people embedded in each department help capture results (presentations, papers, brochures, etc)
- For videos, presentations etc we make a metadata-only accession with a link to eg YouTube

# Mahider: Publishes to Websites

Mahider  
outputs  
from RSS

Home Who we are Where we work What we work on Research Media Information Capacity building Jobs Contact us

# ILRI

International Livestock Research Institute

Better lives through livestock

Google™ Custom Search

Search

### Our latest outputs

- Increasing nutrient use efficiency through improved feeding and manure management in urban and peri-urban livestock units of a West African city: A scenario analysis
- Generating downscaled weather data from a suite of climate models for agricultural modelling applications
- La boîte à outils filières: Partager-apprendre-collaborer-cr er de la valeur
- AgriFood chain toolkit: Share-learn-collaborate-add value
- Encounters and places: Project negotiations in Galessa, Ethiopia

More

### Better lives through livestock

The International Livestock Research Institute is a member of the CGIAR Consortium. We work with partners to help poor people keep their farm animals alive and productive, increase and sustain their livestock and farm productivity and find profitable markets for their animal products. Visit our **Research Groups** : Biotechnology • Markets, gender and livelihoods • People, livestock and the environment • Biosciences hub. We lead the Livestock and Fish Research Program and work on six others

### In the spotlight

In search of 'the wild chicken': ILRI and other geneticists unravel the past to help secure the future

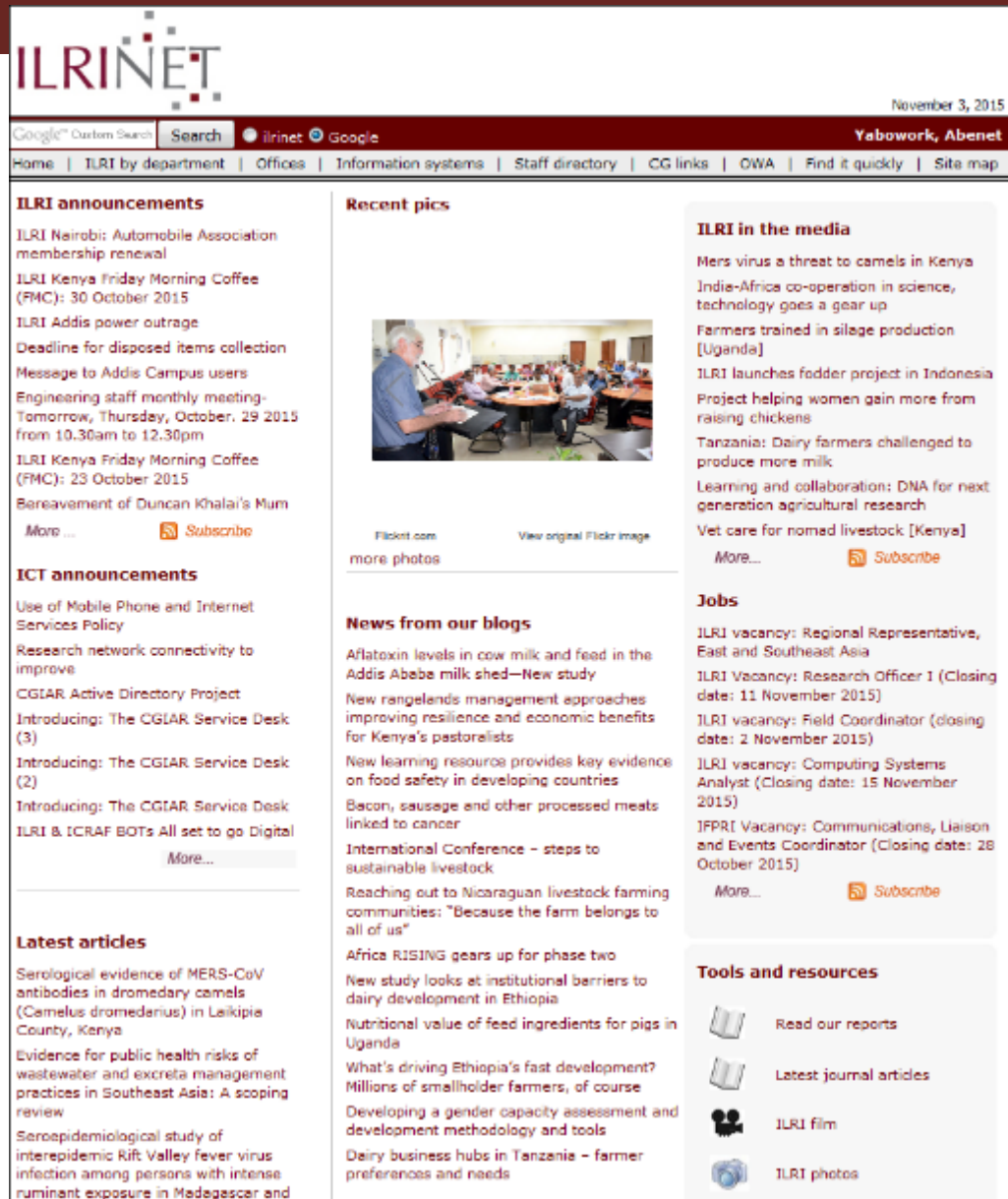
### Livestock matters: Original news from ILRI

- In search of 'the wild chicken': ILRI and other geneticists unravel the past to help secure the future
- Zimbabwean beef farmer, livestock scientist and agricultural policy thinker assumes chair of ILRI's Board of Trustees
- Fewer, better fed, farm animals: Good for the world's climate and the world's poor
- New research program for humid tropics to boost world food production while reducing severe poverty
- Zoonoses: The lethal gifts of livestock-Part 3 of ILRI 'livestock live talk' by Delia Grace
- India's booming livestock sector: On the cusp?—Or on a knife edge?

More

News and discussions on our blogs

# Mahider: Publishes to Intranet



The screenshot shows the ILRI Intranet website as of November 3, 2015. The page features a navigation bar with links to Home, ILRI by department, Offices, Information systems, Staff directory, CG links, OWA, Find it quickly, and Site map. The main content is organized into several sections:

- ILRI announcements:** Includes news about membership renewals, coffee meetings, power outages, and staff meetings.
- Recent pics:** Features a photo of a man speaking at a meeting, with a link to view original Flickr images.
- ILRI in the media:** Lists media coverage from Kenya, Uganda, and Tanzania, including articles about camels, silage production, and livestock research.
- Jobs:** Lists several vacancies, such as Regional Representative, Research Officer, and Field Coordinator.
- News from our blogs:** Summarizes recent blog posts on topics like aflatoxin levels, rangeland management, and food safety.
- ICT announcements:** Discusses mobile phone and internet services, network connectivity, and digitalization efforts.
- Latest articles:** Highlights scientific research on MERS-CoV antibodies, public health risks in Southeast Asia, and a study on Rift Valley fever virus.
- Tools and resources:** Provides links to reports, journal articles, films, and photos.

Mahider  
outputs  
from RSS

# Mahider: Publishes to Twitter



The image shows a screenshot of the ILRI Twitter profile. The profile header includes the ILRI logo and the text "INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE". Below the header, there are statistics: TWEETS 16.1K, FOLLOWING 122, FOLLOWERS 11.8K, FAVORITES 8, and LISTS 9. The profile bio reads "ILRI Communications @ILRI", "Better lives through livestock", "Nairobi and Addis Ababa", "ilri.org", and "Joined June 2009". There are 109 photos and videos in the media gallery. The tweets section shows three tweets:

- Tweet 1: ILRI Communications @ILRI · Sep 26  
#ILRI report: Landscape management and governance, Garba Tula, Isiolo, Kenya [goo.gl/fb/YY9lu3](http://goo.gl/fb/YY9lu3)
- Tweet 2: ILRI Communications @ILRI · 4h  
CGIAR Daily is out! [paper.li/ILRI/132168675](http://paper.li/ILRI/132168675) ... Stories via @IITAYOUTHAGRIP @cgiarclimate\_LA @BioversityInt
- Tweet 3: ILRI Communications @ILRI · 6h  
Daily Tail is out! [paper.li/ILRI/129770833](http://paper.li/ILRI/129770833) ... Stories via @Kalabata1 @Nichole\_Fatone @rusmwebster

Mahider outputs from RSS



# Mahider: Publishes to Blogs



The screenshot shows the ILRI Clippings website. At the top left is a world map. The main header reads "ILRI Clippings" with the subtitle "News about livestock and development". On the right, there are links for "NEWS FEEDS", "PHOTOS", "PRESENTATIONS", and "VIDEOS". Below the header is a navigation menu with "Home", "About", "ILRI Home", "Other ILRI Blogs", "Project blogs", and "Social".

The main content area features a large image of a woman in a headscarf standing next to a cow. To the right of this image is a red sidebar with the text "Why animals matter to human" and "LATEST ILRI OUTPUTS". Below the main image is an article titled "Bacon, sausage and other processed meats linked to cancer" with a sub-image of processed meats. At the bottom, there is an event announcement for the "International Conference – steps to sustainable livestock".

**ILRI Clippings**  
News about livestock and development

NEWS FEEDS  
PHOTOS  
PRESENTATIONS  
VIDEOS

Home About ILRI Home Other ILRI Blogs Project blogs Social

JARRI-HEALTH / ORPA / EMERGING DISEASES / FOOD SAFETY / NUTRITION / ZOONOTIC DISEASES  
**Why animals matter to human**

**LATEST ILRI OUTPUTS**

Characterization of the livestock production systems and the potential of feed-based interventions for improving livestock productivity in Cheborgei, Roret and Buret Division in Kericho County (Kenya) 30 Oct 2015

Report of the workshop on the activities of ILRI-BMZ Hohenheim-Göttingen collaborative project: Improving the livelihoods of poor livestock keepers in Africa through community-based management of indigenous farm animal genetic resources, 27 September 2005 27 Sep 2005

ILRI-BMZ Project: Improving the livelihoods of poor livestock-keepers in Africa through community-based management of indigenous farm animal genetic resources: Third annual review and planning workshop, report, 25-29 September 2006 15 Oct 2006

Improving the livelihoods of poor livestock-keepers in Africa through community-based management of indigenous farm animal genetic resources: Kenya 2004/05 progress report 22 Mar 2006

ILRI-BMZ Project: Improving the livelihoods of poor livestock-keepers in Africa through community-based management of indigenous farm animal genetic resources: Report of the second annual review and planning workshop, Addis Ababa, 13-17 September 2005 15 Sep 2005

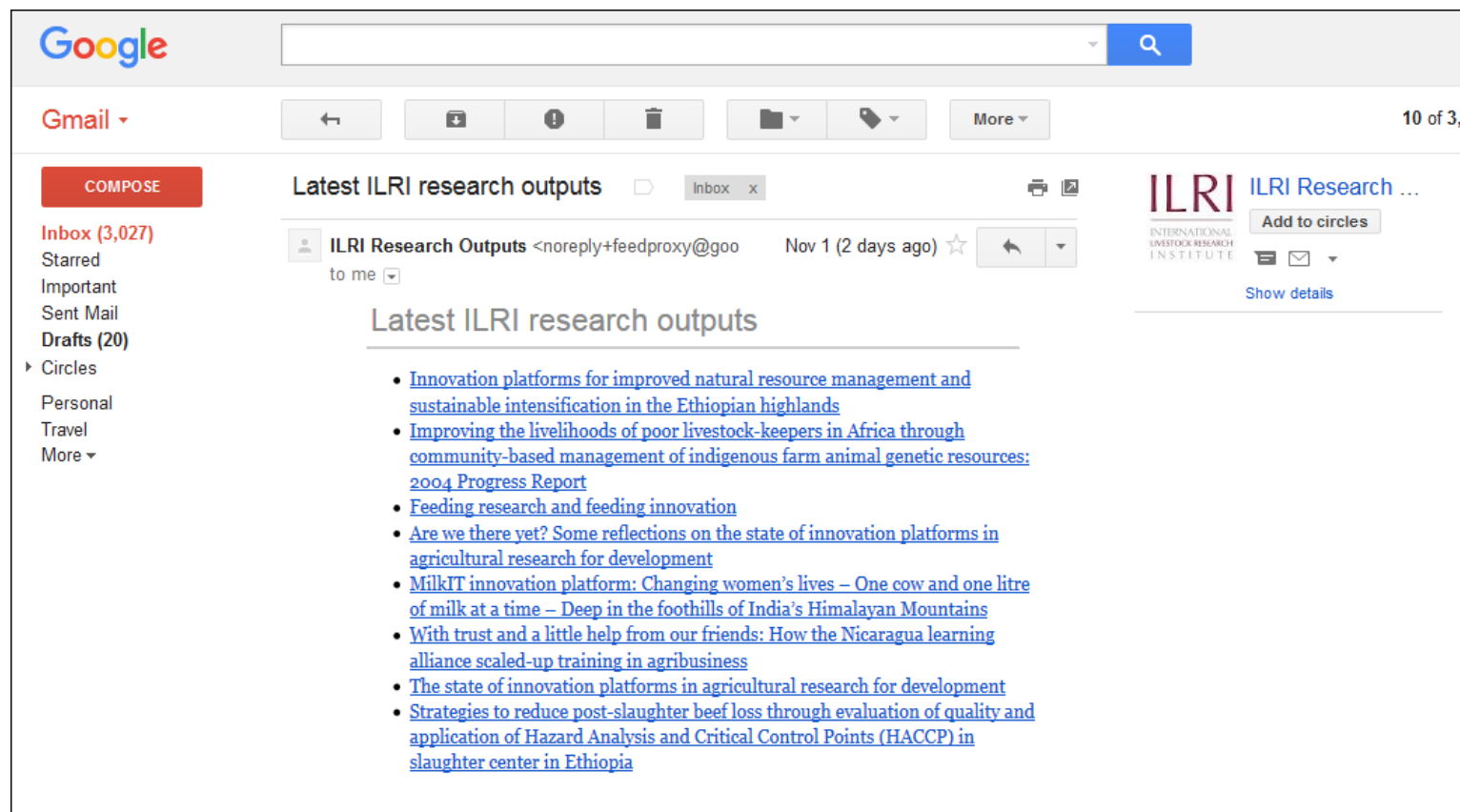
ARTICLE / CONSUMPTION / FOOD SAFETY / HEALTH (HUMAN)  
**Bacon, sausage and other processed meats linked to cancer**  
Posted on 28 Oct 2015 by SUSAN MACMILLAN - Leave a comment

Bacon (photo via Flickr/Kietl Ree). The World Health Organization (WHO) announced on Monday that it has classified processed meat as a human carcinogen. 'Red meat also was classified as a probable human carcinogen, according to the release by WHO's International Agency for Research on Cancer (IARC). 'The group cited "sufficient evidence" linking processed meat—such as ... [Continue reading ->](#)

EVENT / LIVESTOCK / RESEARCH  
**International Conference – steps to sustainable livestock**  
Posted on 27 Oct 2015 by PETER BALLANTYNE - Leave a comment

Mahider  
outputs  
from RSS

# Mahider: Publishes to Email



The screenshot shows a Gmail interface. The left sidebar includes 'COMPOSE', 'Inbox (3,027)', 'Starred', 'Important', 'Sent Mail', 'Drafts (20)', 'Circles', 'Personal', 'Travel', and 'More'. The main content area displays an email from 'ILRI Research Outputs <noreply+feedproxy@goo>' received on 'Nov 1 (2 days ago)'. The email subject is 'Latest ILRI research outputs'. The body of the email contains a list of research outputs:

- [Innovation platforms for improved natural resource management and sustainable intensification in the Ethiopian highlands](#)
- [Improving the livelihoods of poor livestock-keepers in Africa through community-based management of indigenous farm animal genetic resources: 2004 Progress Report](#)
- [Feeding research and feeding innovation](#)
- [Are we there yet? Some reflections on the state of innovation platforms in agricultural research for development](#)
- [MilkIT innovation platform: Changing women's lives – One cow and one litre of milk at a time – Deep in the foothills of India's Himalayan Mountains](#)
- [With trust and a little help from our friends: How the Nicaragua learning alliance scaled-up training in agribusiness](#)
- [The state of innovation platforms in agricultural research for development](#)
- [Strategies to reduce post-slaughter beef loss through evaluation of quality and application of Hazard Analysis and Critical Control Points \(HACCP\) in slaughter center in Ethiopia](#)

The right sidebar shows the 'ILRI' logo and 'ILRI Research ...' with an 'Add to circles' button and 'Show details' link.

Mahider  
outputs  
from RSS



Outputs harvested



Research results



repository on livestock research



Outputs re-published



Search, browse, subscribe



User

Search

result



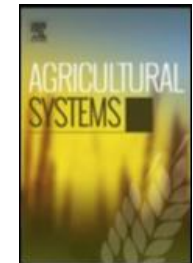
Search

result



Presentation

Publications



Video/audio

Journals

# 'Mahider' to 'CGSapce'



# 'CGSpace' - other communities accessible on same platform

**2010:** Other CGIAR research centers and programs join our platform and share hard / soft costs

**2011:** Mahider was rebranded as "CGSpace"

- Enhances access to—and use of—knowledge (~30,000 open access materials currently)
- Allows searching across centers, CRPs, projects, etc

**2016:** 8 CGIAR centers, 5 CRPs, other projects, ~50,000 items, ~200,000 hits/month



# Welcome

This is a repository of agricultural research outputs and results produced by different parts of CGIAR and partners. It indexes reports, articles, press releases, presentations, videos, policy briefs and more. Visit the community of your choice; search across the whole site; sign up for email alerts and newfeeds on topics or groups that interest you.

CGSpace is a collaboration of several centers and research programs. It is hosted by the International Livestock Research Institute.

## Communities in CGSpace

Select a community to browse its collections.

- Africa RISING [475]
- AgriFood Chain Toolkit [103]
- Animal Genetic Resources Virtual Library [635]
- ATMIRE test community [2]
- Biodiversity International [570]
- Center for International Forestry Research (CIFOR) [3480]
- CGIAR Challenge Program on Water and Food (CPWF) [2205]
- CGIAR Collective Action in Eastern and Southern Africa [47]
- CGIAR Gender and Agriculture Research Network [108]
- CGIAR Global Mountain Program [8]
- CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) [1687]
- CGIAR Research Program on Dryland Systems [118]
- CGIAR Research Program on Livestock and Fish [793]
- CGIAR Research Program on Water, Land and Ecosystems (WLE) [724]
- CGIAR System-wide Livestock Programme [228]
- International Livestock Research Institute (ILRI) [12574]

Mahider – ILRI’s repository



### My Account

- Logout
- Profile
- Submissions

### Discover

#### Author

- CTA (11794)
- International Livestock Research Institute (1584)
- International Center for Tropical Agriculture (724)
- Grace, D. (445)
- International Water Management Institute (282)
- Herrero, M. (274)
- Thornton, P.K. (239)
- Tegegne, A. (237)
- Tohme, JM (217)
- International Irrigation Management Institute (212)
- ... View More

#### Author affiliations

- Technical Centre for Agricultural and Rural Cooperation (11807)
- International Livestock Research Institute (4063)
- International Center for Tropical Agriculture (877)
- International Potato Center (573)
- Biodiversity International (525)
- International Water Management Institute (353)

CGSpace in March 2016

# CGSpace: Repository of Agricultural Research Outputs

Publications, journal articles, books, training materials, project reports, factsheets, links to digital audios, videos, presentations and posters



Hosted content

Harvested content

**Communities in CGSpace**

- Africa RISING [479]
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- International Center for Tropical Agriculture (CIAT) [6223]
- International Livestock Research Institute (ILRI) [12601]
- International Potato Center (CIP) [639]
- International Water Management Institute (IWMI) [5795]
- Livestock and Irrigation Value Chains for Ethiopian Smallholders (LIVES) [71]

Content 'out'



open access + open standards + open licenses

=

enhanced visibility of research outputs

# Running 'CGSpace'

- Requires 'more than basic' expertise to exploit in terms of admin, customization, interface, content architecture
- All code changes deposited in GitHub [where main dspace code development now is]
- Active yammer network
- Dedicated production and development sever

# Challenges

- Aligning repository structure to org structure
- Quality assurance
- ...

# *Better lives through livestock*

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Mozambique • Nigeria • Tanzania  
Thailand • Uganda • Vietnam

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