CGSpace 101

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20 November 2014











Background: Dspace at ILRI

- Established late 2009
- Driven by demands to have all outputs and products available and accessible (Triple A)
- Replacement for:
 - ☐ Inmagic document catalogue
 - ☐ PDF files spread across the web (many illegal)
 - ☐ Home made lists of outputs
 - ☐ Manual linking from web sites and blogs etc
- 'CGSpace' in 2011





A repository of CGIAR research outputs at ILRI



- Dspace 'the' ILRI way to publish on the ILRI web ...
- Gives projects 'archives' and visibility'
- We aim to 'index' everything, wherever published
- We aim to 'publish' as much as we can, with permission
- We decentralise content management: Program teams contribute content; info teams do quality control
- RSS gets content over the web and into mailboxes and onto desktops
- Mainstream, open source solution, with open (OAI) standards and wide support community
- The 'repository' is NOT the value proposition for the scientists; we sell it as 'publishing'
- It does NOT do all 'library' tasks
- Part of 'being open'

Principles

- Shared technical hosting and support
- Decentralized content management / themed views
- Dublin core metadata fields; some additional default 'cgspace' fields; some extra partner-specific fields [to meet specific centre, crp, reporting needs]
- Some variation in forms of entering some fields (authors, citations); need to correlate with 'cg-core' standards
- Standard submission templates (can be adapted)
- Standard interfaces (within custom themes)
- Enter once, map often
- Some overlapping content Need to check duplicates
- Extra reporting and stats in dspace; additional in google analytics
- Permanent urls (handles)



Some content management stuff

- Open access / limited access
- ISI journal / non
- Peer review status
- CRP association
- Author affiliations
- BUT
 - Consistent metadata
 - Architecture of collections (and naming)
 - Review and approval workflows
 - Mapping versus submitting workflows
 - Local content changes/errors always reflected at the global level



Getting started

Architecture of communities

Structure and naming conventions

Think whole platform

Think where content needs to go

Think who submits; who quality checks

Beware organizational changes!



Content management basics



CGSpace

Repository of agricultural research outputs

CGSpace Home

Welcome

This is a repository of agricultural research outputs and resu partners. It indexes reports, articles, press releases, present community of your choice; search across the whole site; sign groups that interest you.

CGSpace is a collaboration of several centers and research p Livestock Research Institute.

Communities in CGSpace

Select a community to browse its collections.

- Africa RISING [239]
- AgriFood Chain Toolkit [88]
- Animal Genetic Resources Virtual Library [326]
- Bioversity International [284]
- Center for International Forestry Research (CIFOR) [3480]
- CGIAR Challenge Program on Water and Food (CPWF) [22
- CGIAR Collective Action in Eastern and Southern Africa [47]
- CGIAR (Consortium, Fund, Archive) [0]
- CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) [1291]
- CGIAR Research Program on Livestock and Fish [471]
- CGIAR Research Program on Water, Land and Ecosystems (WLE) [670]
- CGIAR System-wide Livestock Programme [303]
- CIMMYT [0]
- East Africa Dairy Development Project [96]
- Feed the Future Innovation Lab for Small-Scale Irrigation [3]
- Humidtropics, a CGIAR Research Program [19]
- ICRAF-ILRI Research Methods Group [43]
- ICRISAT [0]
- IGAD Livestock Policy Initiative [42]
- International Center for Tropical Agriculture (CIAT) [1712]
- International Livestock Research Institute (ILRI) [14767]
- International Water Management Institute (IWMI) [5452]

Login to:

- 1. Submit items
- 2. Manage tasks in the workflow
- 3. Map items
- 4. Prepare a file to import

Also:

- Edit approved items
- 2. Create or edit collection
- 3. Assign collection roles
- 4. View/generate stats and reports

rch CGSpace nced Search wse **CGSpace** mmunities & Collections owse By Issue Date owse Bv Authors owse Bv Titles owse By Keyword ILRI Subject CPWF Subject CCAFS Subject CIFOR Subject IWMI Subject Region Country By Sub Region By CRP Subject By River Basin By Output Type By CTA Subject By WLE Subject By Bioversity S By CIAT Subj ubject By Humidtre My A

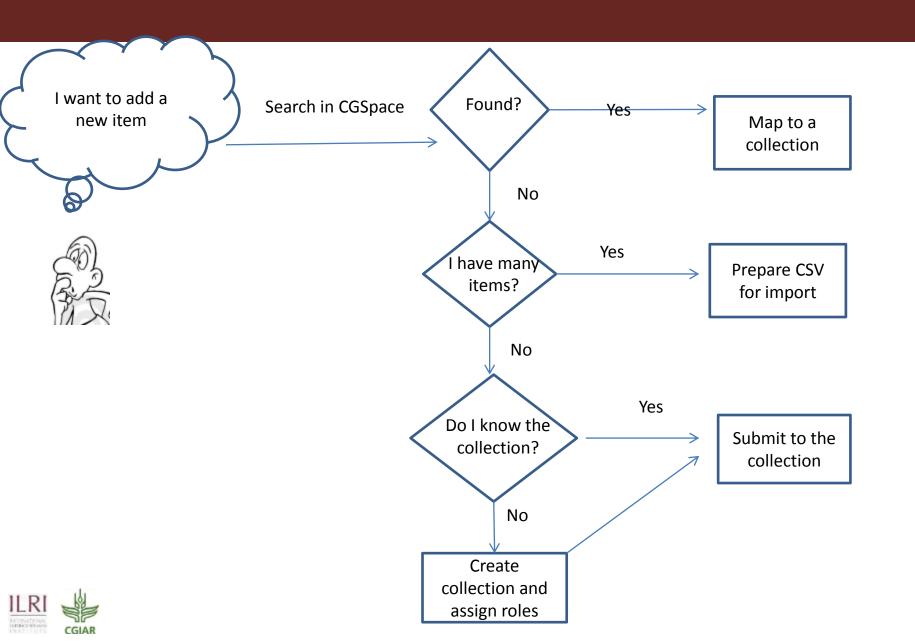
Login

Register

1.Submission



Decision tree:



Submission:

Sub-communities within this community

Livestock Fish Theme: Value Chain Development [230]

Collections in this community

- · Livestock Fish briefs [5]
- Livestock Fish communication resources [4]
- Livestock Fish documents [20]
- Livestock Fish internal documents (PPMC, SPAC, etc) [35]
- Livestock Fish multimedia [19]
- Livestock Fish news items [3]
- Livestock Fish posters [3]
- Livestock Fish presentations [13]
- Livestock Fish Theme: Animal Genetics [6]
- Livestock Fish Theme: Animal Health [3]
- Livestock Fish Theme: Capacity Development [0]
- Livestock Fish Theme: Communication, Advocacy, Data and KM [4]
- Livestock Fish Theme: Feeds and Forages [66]
- Livestock Fish Theme: Gender, Learning and Impact [47]
- Livestock Fish Theme: Partnerships [2]
- Livestock Fish Theme: Targeting Sustainable Development [11]

Select collection of

your choice

Recent Submissions



Title: Developing and implementing an effective and efficient gender capacity

development strategy for partners

Author: Waithanji, E. Date: 2014-11-05

Subject LIVESTOCK AND FISH

Focus:

Type: Presentation

Status: Open Access



Title: Gender capacity assessment and development in the Livestock and Fish

research program

Author: Rijke, E. Date: 2014-11-05

Subject LIVESTOCK AND FISH

Focus:

Type: Presentation

Status: Open Access

By CIAT Subject
By Humidtropics Subject
This Community
Browse By Issue Date
Browse By Authors
Browse By Titles
Browse By Keyword
By ILRI Subject

Browse By Issue Date Browse By Authors

Browse By Titles

Browse By Keyword By ILRI Subject By CPWF Subject

By CCAFS Subject By CIFOR Subject

By IWMI Subject

By Region

By Country

By Sub Region

By CRP Subject

By Output Type

By CTA Subject

By WLE Subject

By Bioversity Subject

By River Basin

By CPWF Subject By CCAFS Subject

By CCAFS Subject By CIFOR Subject

By IWMI Subject

By Region By Country

By Sub Region

By CRP Subject By River Basin

By Output Type

By CTA Subject

By WLE Subject

By Bioversity Subject

By CIAT Subject

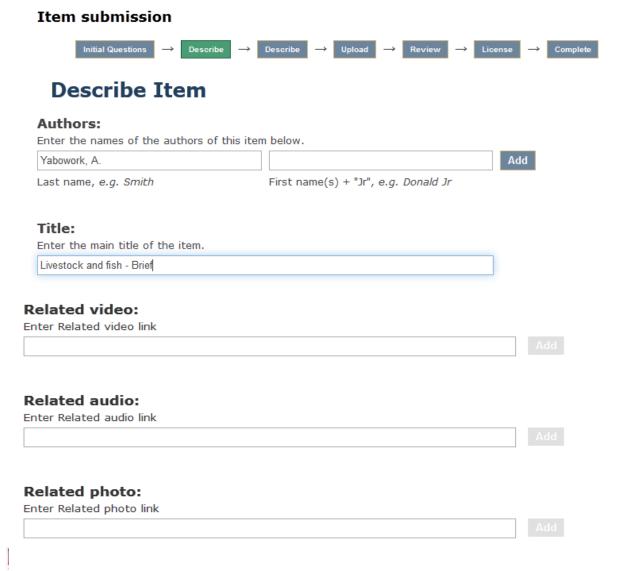
By Humidtropics Subject

My Account

Logout Profile



Submission: Describe



New fields:

corporate author, peer reviewed status, author affiliation, and pagination; plus related video, audio, photo, citation reference

Submission: Describe

AGROVOC Keywords:

Enter appropriate subject keywords or phrases below.

FISH

LIVESTOCK

Remove selected

Subject Categories

ILRI Subject Focus:



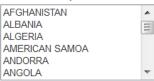
Region Focus:

To select more than one region, you may have to hold down the "Ctrl" or "Shift" key.



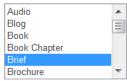
Country Focus:

Enter a country or countries



Type:

Select the type(s) of content of the item. To select more than one value in the list, you may have to hold down the "Ctrl" or "Shift" key.



CRP focus:

DRYLAND CEREALS
LIVESTOCK AND FISH
AGRICULTURE FOR NUTRITION AND HEALTH
WATER, LAND AND ECOSYSTEMS
FORESTS, TREES AND AGROFORESTRY
CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY



Submission: upload



More mea

CGSpace Home → CGIAR Research Program on Livestock and Fish → Livestock Fish briefs → Item submission

Item submission

Initial Questions \longrightarrow Describe \longrightarrow Describe \longrightarrow Upload \longrightarrow Review \longrightarrow License \longrightarrow Complete

Upload File(s)

File:

Please enter the full path of the file on your computer corresponding to your item. If you click "Browse...", a new window will allow you to select the file from your computer.

Browse... livestock_brief.pdf

File Description:

Optionally, provide a brief description of the file, for example "Main article", or "Experiment data readings".

Brief

Upload full text;
add description;
CGSpace auto
generates
thumbnails from full

text

Upload file & add another

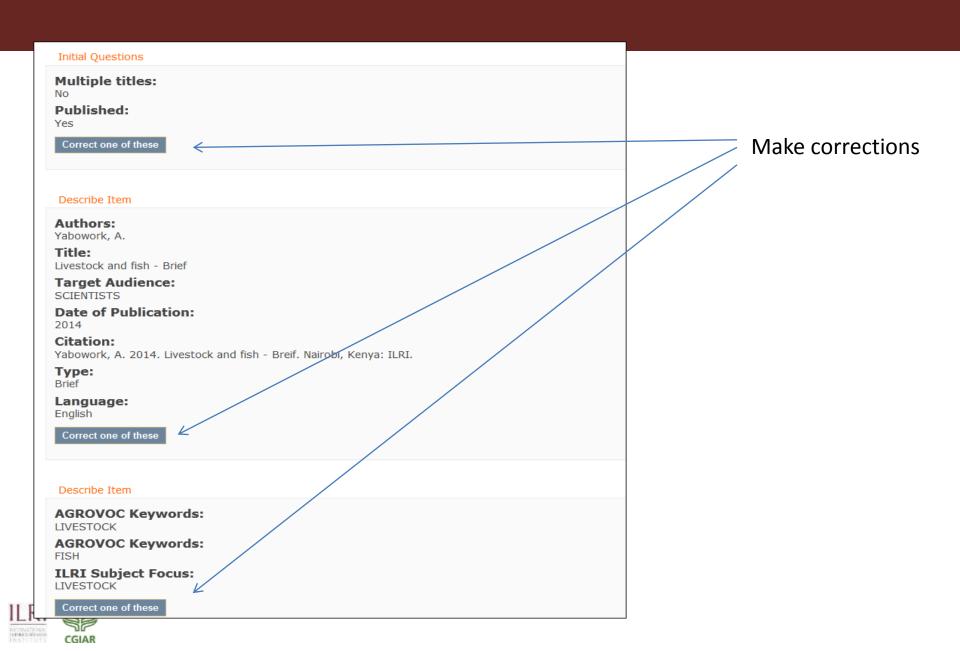
< Previous

Save & Exit

Next >



Submission: Review



Submission: grant license & complete

Distribution License

There is one last step: In order for DSpace to reproduce, translate and distribute your submission worldwide, you must agree to the following terms.

Grant the standard distribution license by selecting 'I Grant the License'; and then click 'Complete Submission'.

By signing and submitting this license, you (the author(s) or copyright owner) grants to the managers of CGSpace (ILRI, ICRAF, CPWF, CCAFS) the non-exclusive right to reproduce, translate (as defined below), and/or distribute your submission (including the abstract) worldwide in print and electronic format and in any medium, including but not limited to audio or video.

You agree that ILRI (on behalf of the CGSpace group) may, without changing the content, translate the submission to any medium or format for the purpose of preservation.

You also agree that ILRI (on behalf of the CGSpace group) may keep more than one copy of this submission for purposes of security, back-up and preservation.

You represent that the submission is your original work, and that you have the right to grant the rights contained in this license. You also represent that your submission does not, to the best of your knowledge, infringe upon anyone's copyright.

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IF THE SUBMISSION IS BASED UPON WORK THAT HAS BEEN SPONSORED OR SUPPORTED BY AN AGENCY OR ORGANIZATION OTHER THAN ILRI OR THE CGSPACE GROUP, YOU REPRESENT THAT YOU HAVE FULFILLED ANY RIGHT OF REVIEW OR OTHER OBLIGATIONS REQUIRED BY SUCH CONTRACT OR AGREEMENT.

ILRI (on behalf of the CGSpace group) will clearly identify your name(s) as the author(s) or owner(s) of the submission, and will not make any alteration, other than as allowed by this license, to your submission.

If you have questions regarding this license please contact the system administrators.

Distribution license:

☑ I Grant the License

< Previous

Save & Exit

Complete submission

either be
archived
(published), or
go to the pool
for someone
else to
approve

Items will



2. Workflows



Workflow: Tasks in the pool

Та	asks in the pool	***	Odlasta	Coloritor
	Task	Item	Collection	Submitter
	Awaiting editor's attention	World Milk Day: Report on the 14th World Milk Day	LIVES documents	email: Bizuwork Mulat
	Awaiting editor's attention	Water balance dynamics in mixed crop-livestock sys	Integrated management of rainwater for crop-livestock agro-ecosystems (V2)	email: Udana Ariyawansa
	Awaiting editor's attention	The Transdisciplinary of Journal of the Integratio	N3: Rainwater management in the Ethiopian highlands: Mapping, targeting and scaling out the interventions	email: Udana Ariyawansa
	Awaiting final editor's attention	re-use this one	CCAFS Working Papers	email: Vanessa Meadu
	Awaiting final editor's attention	re-use this one	CCAFS Reports	email: Abeba Desta
	Awaiting editor's attention	test2	AgriFood Chain quantitative analyses	email: ToolKF ToolKL
	Awaiting final editor's attention	test3	AgriFood Chain capacity building	email: ToolKF ToolKL
	Awaiting editor's attention	test	AgriFood Chain case studies	email: ToolKF ToolKL
	Awaiting final editor's attention	re-use this one	CCAFS Baseline Surveys	email: Abeba Desta
	Awaiting editor's attention	Environment and Development Economics	N3: Rainwater management in the Ethiopian highlands: Mapping, targeting and scaling out the interventions	email: Udana Ariyawansa
	Awaiting editor's attention	re use	ILRI articles in journals and newsletters	email: Leah Ng'ang'a

Take tasks to approve, edit or reject



Workflow: Taken tasks

Item submission

Title: Livestock and fish - Brief

Author: ILRI

AGROVOC Keywords: FISH; LIVESTOCK

Date: 2014-11-10

Publisher: ILRI

Citation: ILRI. 2014. Livestock and fish - Breif. Nairobi, Kenya: ILRI.

Status: Open Access
Country: ETHIOPIA

Region: AFRICA, EAST AFRICA Goes to the next approver

CGIAR research program: LIVESTOCK AND FISH

ILRI Subject Focus: FISH, LIVESTOCK

Files in this item

Files Size Format View Description

L&F_brief.pdf 1.150Mb PDF View/Open Brief

Show full item record

Actions you may perform on this task:

If you have reviewed the item and it is suitable for inclusion in the collection, select "Approve".

If you have reviewed the item and found it is not suitable for inclusion in the collection, select "Reject". You will then be asked to enter a message indicating why the item is unsuitable, and whether the submitter should change something and resubmit.

Select this option to change the item's metadata.

Return the task to the pool so that another user may perform the task.

E-mail to submitter

Approve item

Reject item

Edit metadata

Return task to pool

Go back to submission

forms

Cancel



Workflow: Commit to archive

Item submission

Title: Livestock and fish - Brief

Author: ILRI

AGROVOC Keywords: FISH; LIVESTOCK

Date: 2014-11-10

Publisher: ILRI

Citation: ILRI. 2014. Livestock and fish - Breif. Nairobi, Kenya: ILRI.

Status: Open Access
Country: ETHIOPIA

Region: AFRICA, EAST AFRICA

CGIAR research program: LIVESTOCK AND FISH

ILRI Subject Focus: FISH, LIVESTOCK

Files in this item

Files Size Format View Description

L&F_brief.pdf 1.150Mb PDF View/Open Brief

Show full item record

Actions you may perform on this task:

Once you've edited the item, use this option to commit the item to the archive.

Commit to archive

Select this option to change the item's metadata.

Edit metadata

Return the task to the pool so that another user may perform the task.

Return task to pool



Cancel

CGIAR

Item enters repository with new handles

3. Mapping

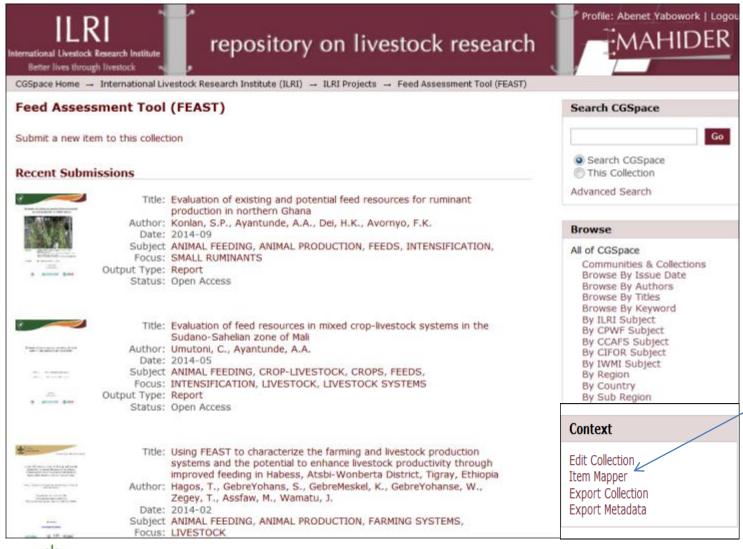


Mapping

A way to display the same item in multiple collections



Mapping: Select collection







Mapping: search the item



Repository of agricultural research outputs

Item Mapper - Map Items from Other Collections

This is the item mapper tool that allows collection administrators to map items from other collections into this collection. You can search for items from other collections and map them, or browse the list of currently

Statistics: 40 of 52 items in this collection are mapped in from other collections

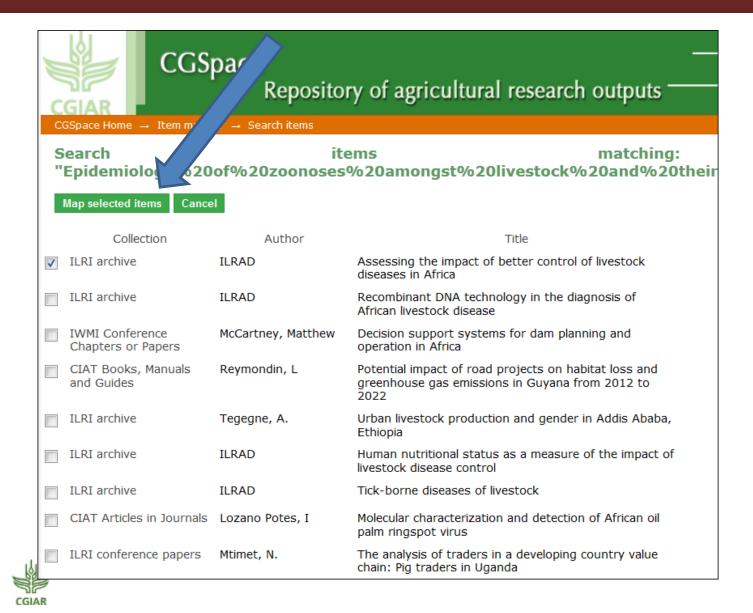
Search Items

Browse mapped items

Return



Mapping:





Mapping

http://hdl.handle.net/10568/42338 URI:

Status: Open Access

Country: **GHANA**

Region: AFRICA, WEST AFRICA

Subject Focus: ANIMAL FEEDING, ANIMAL PRODUCTION, FEEDS, INTENSIFICATION, SMALL RUMINANTS

Outputs Of

HUMIDTROPICS

CRP:

Project USAID

Sponsor:

Files in this item

Files Size Format

AR_ghana_feeds_2014.pdf 1.817Mb PDF

Description View

Report



in more than one

collection

Mapped items appear

This item appears in the following Collection(s)

- Feed Assessment Tool (FEAST) [52]
- West Africa RISING documents [34]

Show full item record



4. Files for Dspace Import



Preparing import files:

- for batch uploading
- Import will be done by CGSpace system admins after quality checking
- need to use CGSpace metadata format, indicate the collection, id (-1 for new), file name (for items with full text), etc
- find list of CGSpace metadata fields from :



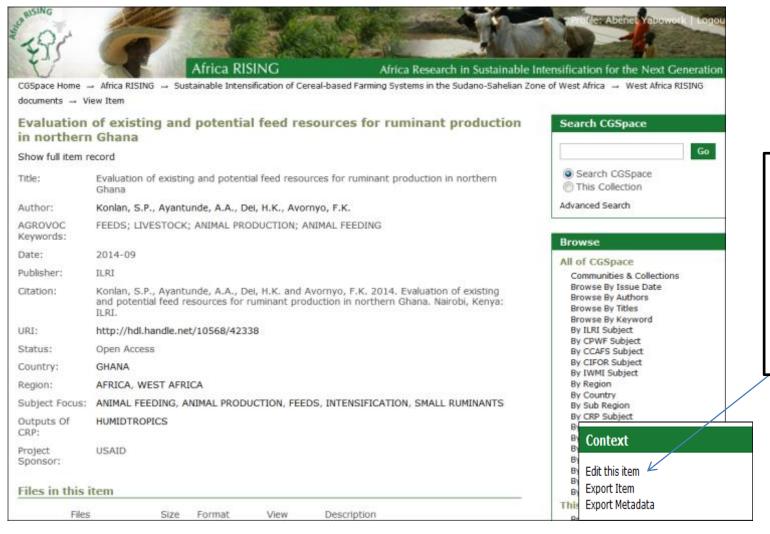
https://ilri-comms.wikispaces.com/dspacewageningen



5. Editing approved items



Edit approved items



Change an item:

- 1. Status (move, delete)
- 2. Metadata
- 3. Bitstream



Edit approved items: Item status





Edit approved items: PDF authorizations

Policies for Item 10568/42338 (ID=43709)

With this editor you can view and alter the policies of an item, plus alter policies of individual item components: bundles and bitstreams. Briefly, an item is a container of bundles, and bundles are containers of bitstreams. Containers usually have ADD/REMOVE/READ/WRITE policies, while bitstreams only have READ/WRITE policies.

You will notice an extra bundle and bitstream for each item containing the license text for the item.

ID Name Action Group Start Date End Date

Item Policies Add a new Item policy

838104 READ Anonymous [Edit]

Policies for Bundle TEXT (28560) Add a new Bundle policy

838349 READ Anonymous [Edit]

Bitstream AR_ghana_feeds_2014.pdf.txt (34303) Add a new Bitstream policy

838351 READ Anonymous [Edit]

Policies for Bundle THUMBNAIL (28559) Add a new Bundle policy

838346 READ Anonymous [Edit]

Bitstream AR_ghana_feeds_2014.pdf.jpg (34302) Add a new Bitstream policy

838348 READ Anonymous [Edit]

Policies for Bundle LICENSE (28532) Add a new Bundle policy

838105 READ Anonymous [Edit]

Bitstream license.txt (34275) Add a new Bitstream policy

838106 READ Anonymous [Edit]

Policies for Bundle ORIGINAL (28531) Add a new Bundle policy

838107 READ Anonymous [Edit]

Bitstream AR_ghana_feeds_2014.pdf (34274) Add a new Bitstream policy

838108 READ Anonymous [Edit]

Delete Selected Return

Limit who can

open a

bitstream

Internal

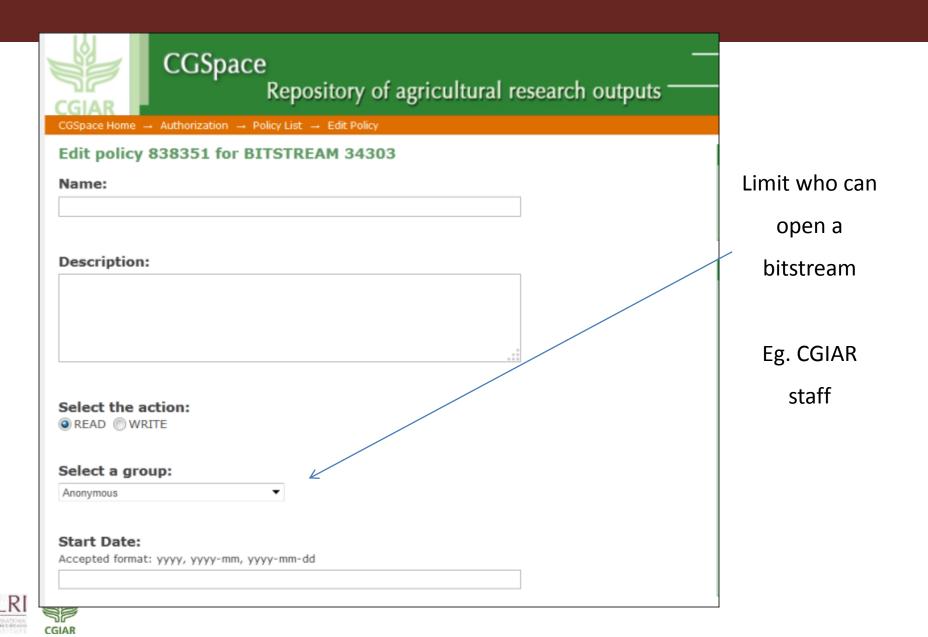
document

Restricted

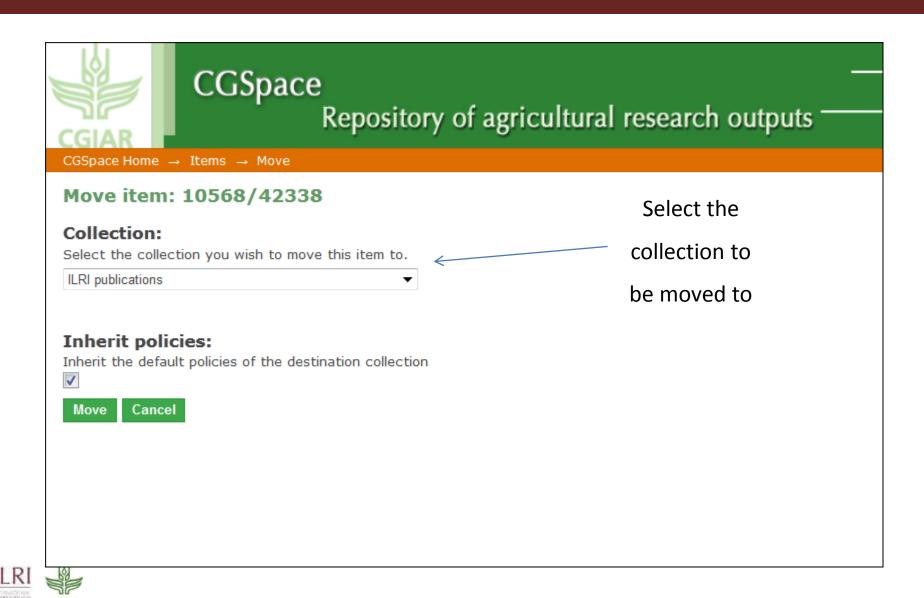
access item



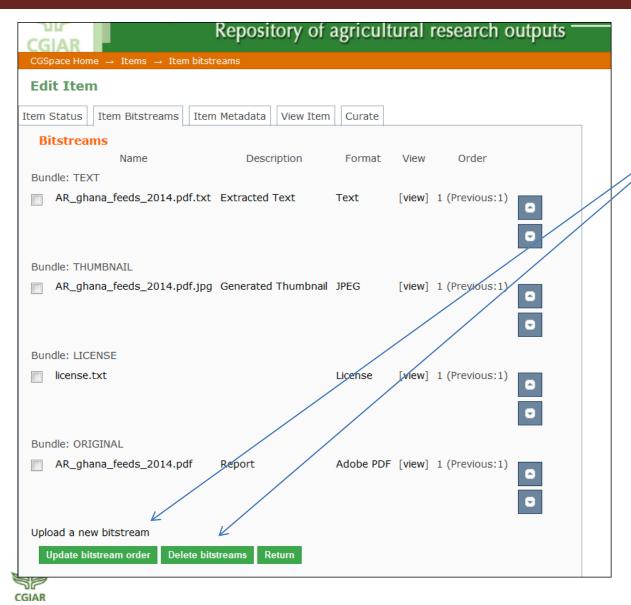
Edit approved items: PDF authorizations



Move an approved item



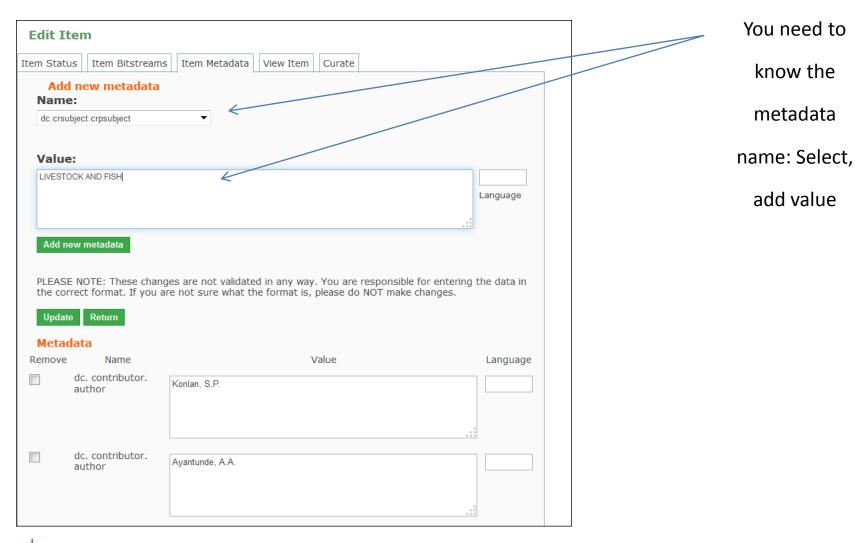
Edit approved items: bitstreams



Option to delete and upload



Edit approved items: metadata





6. Creating collections, communities, sub-

communities



Create a collection or a community or a sub-community

Sub-communities within this community

- ILRI Corporate Services [15]
- ILRI Institutional Planning and Partnership [267]
- ILRI Management [15]
- ILRI People and organizational development [26]
- ILRI Programs [3304]
- ILRI Projects [988]
- ILRI Research and Development Issues [128]

Collections in this community

- ILRI40 materials [11]
- ILRI archive [4380]
- ILRI articles in journals and newsletters [1657]
- ILRI board documents [34]
- ILRI brochures [25]
- ILRI chapters in books and reports [162]
- ILRI conference papers [486]
- ILRI corporate outputs [36]
- ILRI external books and reports [173]
- ILRI external review materials [5]
- ILRI factsheets [2]
- ILRI impact studies [14]
- ILRI internal policies and guidelines [18]
- ILRI media briefings [16]
- ILRI multimedia film, video, audio [374]
- ILRI outcome stories [34]
- ILRI papers in published proceedings [174]
- ILRI policy and research briefs [43]
- ILRI posters [300]
- ILRI presentations [637]
- ILRI program profiles [9]
- ILRI project profiles [30]
- ILRI project reports, papers and documents [773]
- ILRI publications [274]

Browse By Keyword

By ILRI Subject

By CPWF Subject

By CCAFS Subject

By CIFOR Subject

By IWMI Subject

By Region By Country

By Sub Region

By CRP Subject

By River Basin

By Output Type

By CTA Subject By WLE Subject

By Bioversity Subject

By CIAT Subject

By Humidtropics Subject

My Account

Logout Profile

Submissions

Context

Edit Community

Export Community

Export Metadata

Create Collection

Create Sub-community

Administrative

Access Control

People

Groups

Authorizations

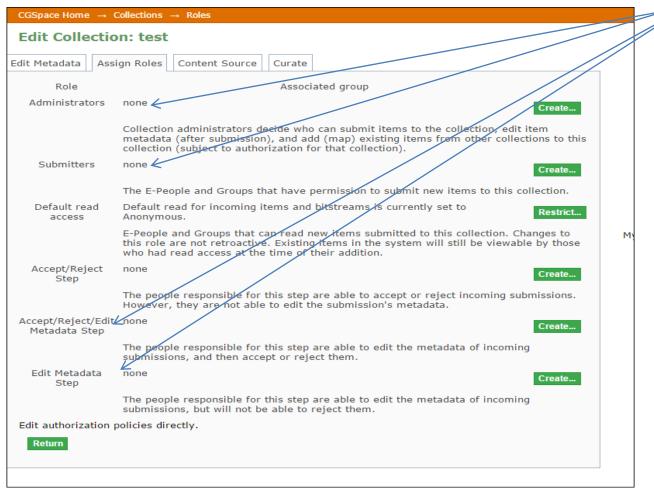
From within your community



Create collection



Create collection: Assign roles



Decide authorizations and permissions





7. Stats



Stats

Standard item views and downloads

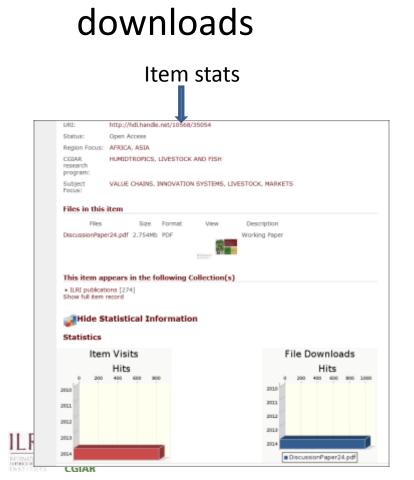
Atmire modules

Google analytics (if installed)



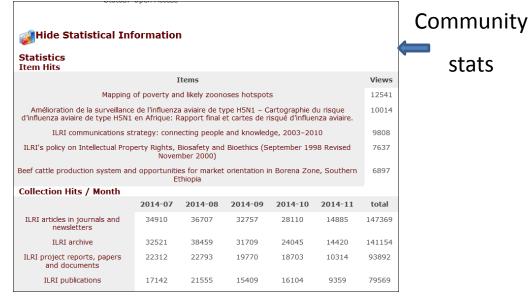
Dspace standard stats

View item, collection, community views and





stats

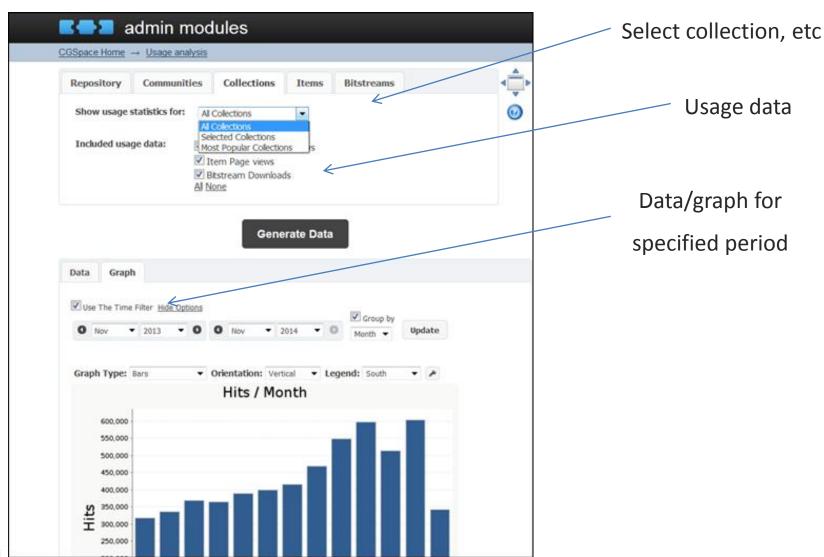


Atmire usage analysis

 Analyses usage of the repository – administrator can choose different dataset options to generate and export tables and graphs.



Atmire usage analysis







Atmire content analysis

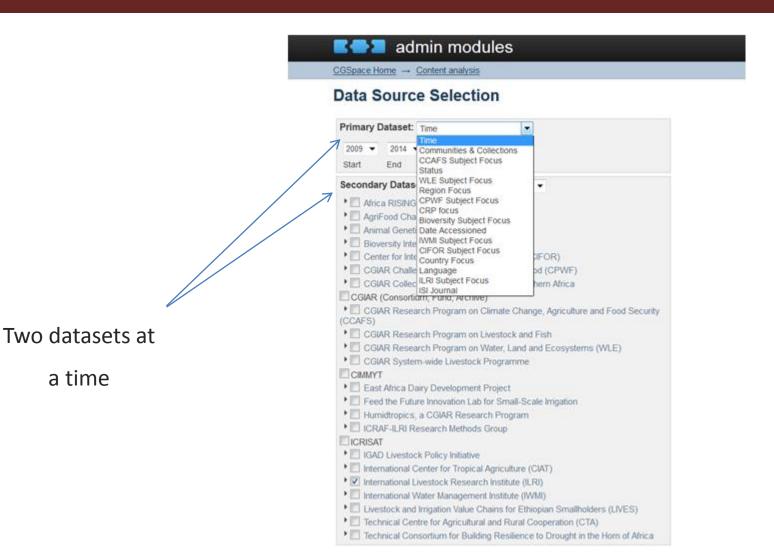
Analyses the number of items in the repository on a

number of criteria (called datasets)

Eg. growth of repository in a certain time



Atmire content analysis





Atmire content analysis

Data Table

Click on a cell below to modify its content

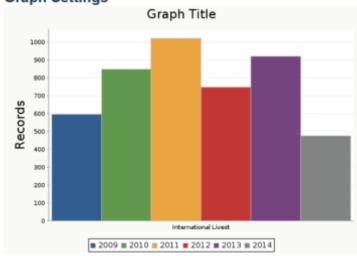
			Α
Swap rows & columns			Dataset 1
			International Livest
1	Dataset 2	2009	596
■ 2		2010	848
■ 3		2011	1022
4		2012	749
■ 5		2013	922
■ 6		2014	477



Preferences



Graph Settings



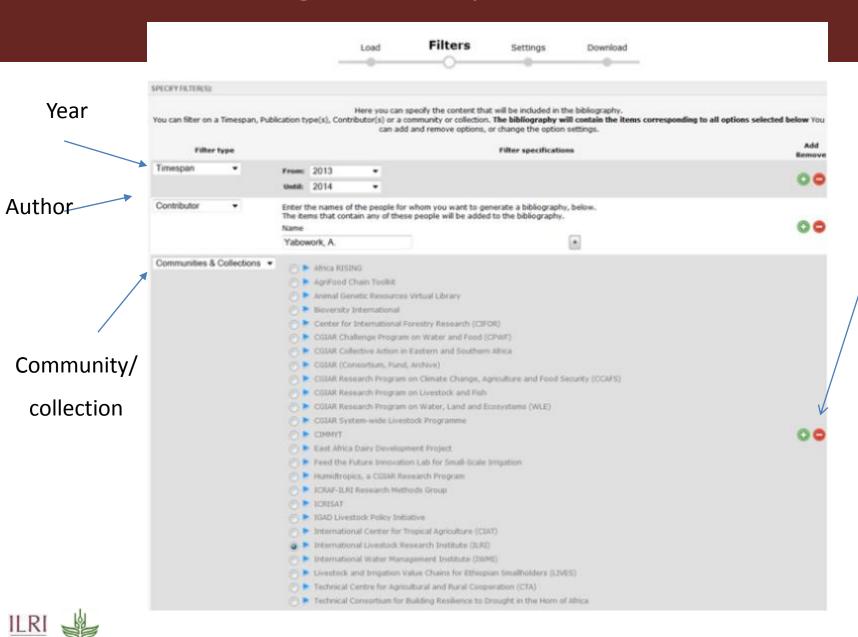


Atmire listings and reports

- tool to generate bibliographies, reports
- items can be sorted, grouped, and styled, and the resulting document can be exported in a variety of formats.
 - eg. Author, year 2013/14, CRP L&F, output presentation, brief, conference paper



Atmire listings and reports

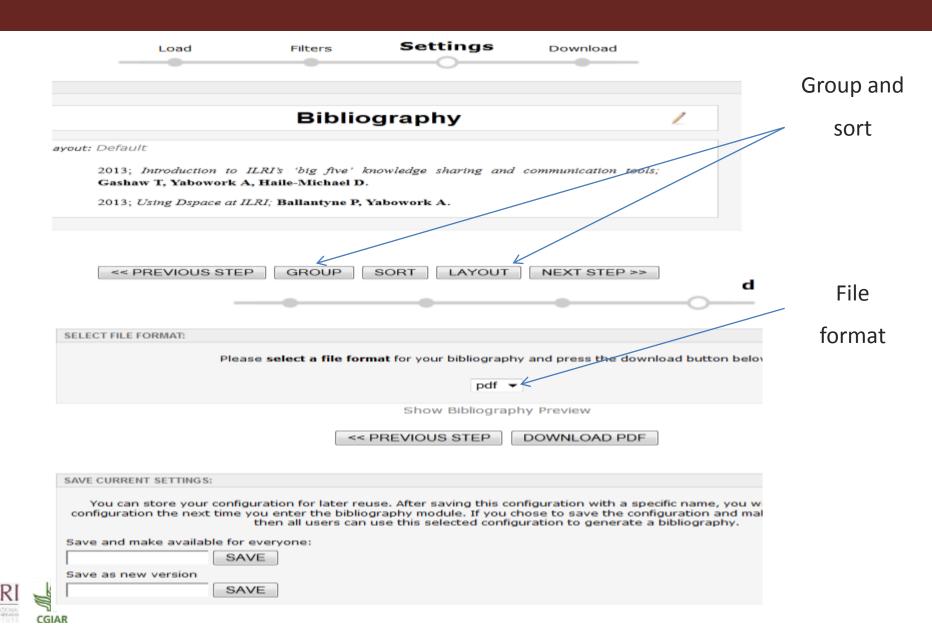


Add

more

filters

Atmire listings and reports



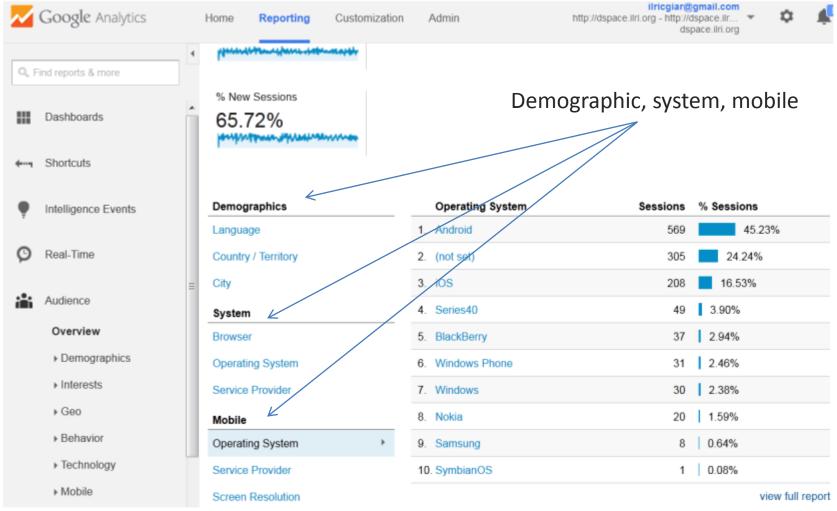
Google analytics

detailed statistics about a community or collection

or item



Google analytics





CGIAR

8. New interface



Discovery



CGSpace

Repository of agricultural research outputs

Google search

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 newsfeeds 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 [221]
- · AgriFood Chain Toolkit [87]
- Animal Genetic Resources Virtual Library [220]
- · Bioversity International [284]
- . Center for International Forestry Research (CIFOR) [3480]
- CGIAR Challenge Program on Water and Food (CPWF) [2180]
- · CGIAR Collective Action in Eastern and Southern Africa [47]
- · CGIAR (Consortium, Fund, Archive) [0]
- CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) [1336]
- · CGIAR Research Program on Dryland Systems [0]
- CGIAR Research Program on Livestock and Fish [437]
- · CGIAR Research Program on Water, Land and Ecosystems (WLE) [483]
- CGIAR System-wide Livestock Programme [227]
- East Africa Dairy Development Project [96]
- Feed the Future Innovation Lab for Small-Scale Irrigation [3]
- · Humidtropics, a CGIAR Research Program [16] • ICRAF-ILRI Research Methods Group [40]
- IGAD Livestock Policy Initiative [42]
- . International Center for Agricultural Research in the Dry Areas (ICARDA) [1]
- International Center for Tropical Agriculture (CIAT) [2158]
- International Livestock Research Institute (ILRI) [9614] International Water Management Institute (IWMI) [5449]
- Livestock and Irrigation Value Chains for Ethiopian Smallholders (LIVES) [40]
- . Technical Centre for Agricultural and Rural Cooperation (CTA) [0]
- . Technical Consortium for Building Resilience to Drought in the Horn of Africa [7]

Recently Added



The future of food demand: understanding differences in global economic models

Valin H. Sands RD. van der Mensbrugghe, D. Nelson GC. Ahammad H. Blanc E. Bodirsky B. Fujimori S. Hasegawa T. Havlik P. Heyhoe E. Kyle P. Mason-D'Croz D. Paltsev S. Rolinski S. Tabeau A. van Meijl H. von Lampe M. Willenbockel D

Date: 2014 Type: Journal Article Status: Open Access

Tox: Fertilizer use patterns in Yunnan Province, China: implications for agricultural and environmental policy Yunju L. Kahrl F. Jianjun P. Roland-Holst D. Yufang S. Wilkes A. Jianchu X

Date: 2012 Type: Journal Article Status: Limited Access

TON: Biofuels in China: an analysis of the opportunities and

Search CGSpace Google" Curtum Search Search

All of CGSpace Communities & Collections

Discover

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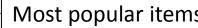
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9. Content management issues



Issues

Metadata quality assurance

- importing files, manual updates
- author naming, citation styles; consistency in field content (country names etc), bitstream file naming
- CG-core metadata (coming soon)

'Home' collection and mapping conventions

Languages

