

CGSpace Update, 2015–2016

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November 2016



ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE



Outline

Milestones 2015–2016

Content

DSpace technical

Backend

Add-ons

Management

On the agenda

Content Development Milestones

Growth of the site

Migration projects

CTA

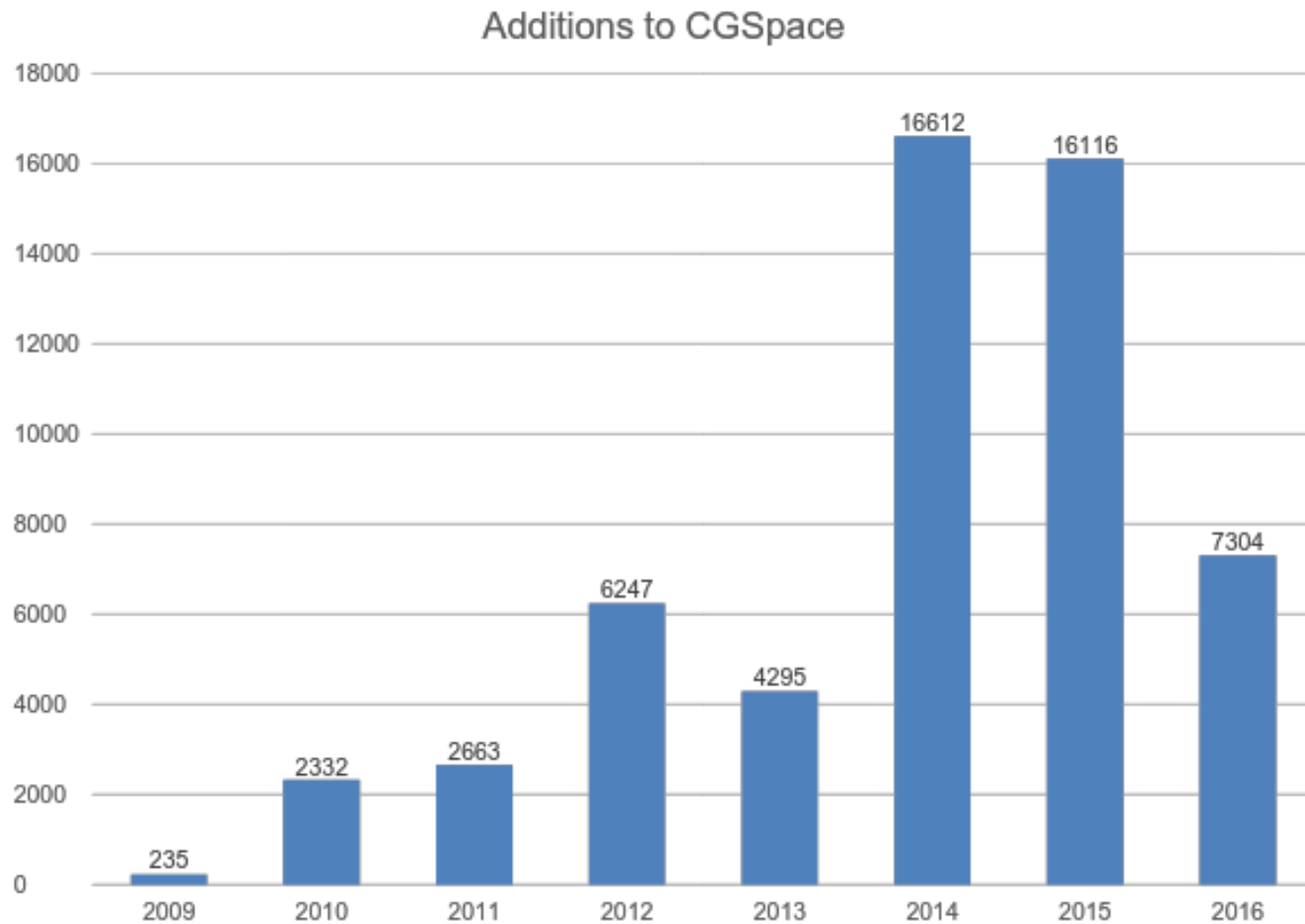
CIAT

IITA

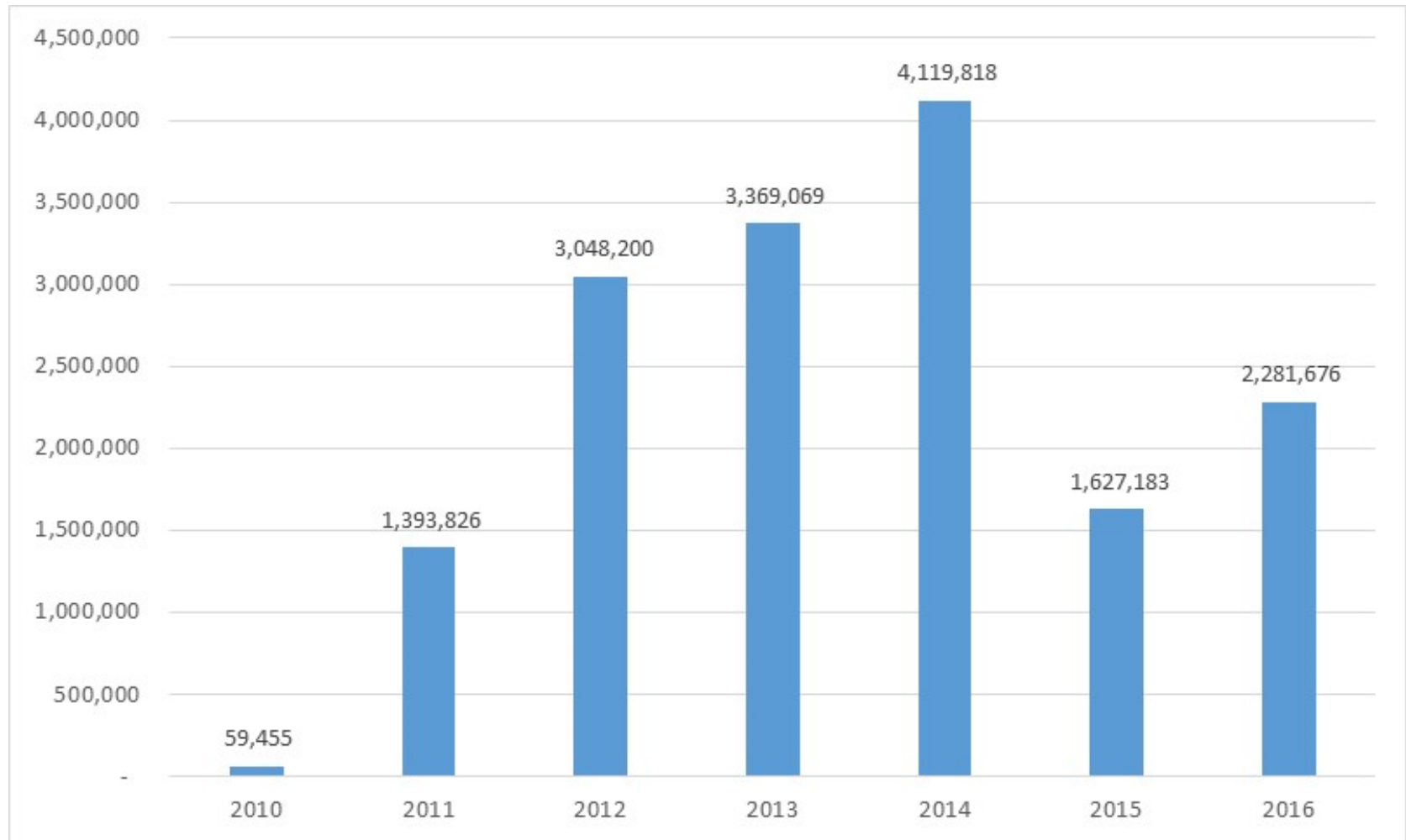
ILRI

CAAFS, IWMI, WLE, CIP, Bioversity, L&F

Growth of the Site (Items Added)



Item Views and Downloads (all CGSpace)



Main content providers

Africa RISING [626]

Bioversity International [1212]

Center for International Forestry Research (CIFOR) [3502]

CGIAR Challenge Program on Water and Food (CPWF) [2207]

CGIAR Gender and Agriculture Research Network [335]

CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) [2913]

CGIAR Research Program on Livestock and Fish [957]

CGIAR Research Program on Water, Land and Ecosystems (WLE) [1321]

International Center for Tropical Agriculture (CIAT) [8842]

International Institute of Tropical Agriculture (IITA) [850]

International Livestock Research Institute (ILRI) [13931]

International Potato Center (CIP) [937]

International Water Management Institute (IWMI) [6102]

Technical Centre for Agricultural and Rural Cooperation (CTA) [13032]

More than 55,000 items, November 2016

DSpace Technical - 1

- Metadata cleanup and standardization to CGCore (30 fields added/deleted)
- Massive batch cleanups of author names, affiliations, countries, CRPs, languages, old links, etc
- Item displays (lots of small tweaks)
- Search logic (now defaults to “AND”, much fewer results)
- About pages (general and developer info)
- Submit templates and especially taxonomy lookups for consistency
- ORCID and authors (still tricky, but learning about cleanup)

DSpace Technical - 2

- Version upgrades (DSpace 4→5)
- REST API (in use by handful of partners)
- Work on more efficient DSpace to Drupal module
- Work on visualization (nothing concrete)
- Metadata export to Ethiopia Agric portal (test)
- Metadata export to AGRIS (discussions ongoing)
- IFPRI inward metadata harvesting (being tested)

DSpace Backend

- Behind the scenes
- New server for CGSpace in December 2016 (more memory, disk space)
- Upgrades of “software stack” (better long-term viability, future proof)
- Public workflow on GitHub (if your center has technical people, they could be involved)
- <http://github.com/ilri/DSpace>

Add-ons

Altmetric

- Donuts on item displays

- User logins to dashboard

- Requires systematic handle / DOI citations

Atmire modules

- Duplicate checking

- Batch editing

- Batch import tool (for admins)


- Other stats

Altmetric Donut

CGSpace
A Repository of Agricultural Research Outputs

CGSpace Home / International Livestock Research Institute (ILRI) / ILRI articles in journals and newsletters / View Item

Planetary boundaries: Guiding human development on a changing planet



Share
Twitter Facebook Google+ LinkedIn YouTube SoundCloud Email

Citation
Steffen, W., Richardson, K., Rockström, J., Cornell, S.E., Fetzer, I., Bennett, E.M., Biggs, R., Carpenter, S.R., Vries, W. de, Wit, C.A. de, Folke, C., Gerten, D., Heinke, J., Mace, G.M., Persson, L.M., Ramanathan, V., Reyers, B. and Sörlin, S. 2015. Planetary boundaries: Guiding human development on a changing planet. *Science* 347:6219.

Permanent link to this item: <http://hdl.handle.net/10568/53095>
DOI: <https://dx.doi.org/10.1126/science.1259855>

Abstract/Description
The planetary boundaries framework defines a safe operating space for humanity based on the intrinsic biophysical processes that regulate the stability of the Earth System. Here, we revise and update the planetary boundaries framework, with a focus on the underpinning biophysical science, based on targeted input from expert research communities and on more general scientific advances over the past 5 years. Several of the boundaries now have a two-tier approach, reflecting the importance of cross-scale interactions and the regional-level heterogeneity of the processes that underpin the boundaries. Two core boundaries—climate change and biosphere integrity—have been identified, each of which has the potential on its own to drive the Earth System into a new state should they be substantially and persistently transgressed.

CGIAR Affiliations
LIVESTOCK AND FISH; CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY

AGROVOC Keywords
CLIMATE

Subjects
CLIMATE CHANGE; RESEARCH;

Authors
Steffen, W.
Richardson, K.
Rockström, J.
Cornell, S.E.
Fetzer, I.
Bennett, E.M.
Biggs, R.
Carpenter, S.R.
Vries, W. de
Wit, C.A. de
Folke, C.
Gerten, D.
Heinke, J.
Mace, G.M.
Persson, L.M.
Ramanathan, V.
Reyers, B.
Sorlin, S.

1265

My Account
Login
Register

Browse
All of CGSpace
Communities & Collections
By Issue Date
Authors
Titles
By AGROVOC keyword
By ILRI subject
By CPWF subject
By CCAFS subject
By CIFOR subject
By IWMI subject
By Region
By Country
By Subregion
By CRP subject
By River basin
By Output type
By CTA subject
By WLE subject
By Biodiversity subject
By CIAT subject
By CIP subject
By ICARDA subject
By animal breed
This Collection
By Issue Date
Authors
Titles
By AGROVOC keyword
By ILRI subject
By CPWF subject
By CCAFS subject
By CIFOR subject
By IWMI subject
By Region

Item Detail and Latest News Mentions

EXPLORE THE ALTMETRIC DATABASE

CGSpace



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

MORE...

Mentioned by

- 61 news outlets
- 36 blogs
- 2 policy sources
- 655 tweeters
- 90 Facebook pages
- 3 Wikipedia pages
- 11 Google+ users
- 1 research highlight platform

SUMMARY

News

Blogs

Policy documents

Twitter

Facebook

Wikipedia

More...

So far, Altmetric has seen **80** news stories from **61** outlets.



Climate Change And The Astrobiology Of The Anthropocene

North East Public Radio, 02 Oct 2016

You can't solve a problem until you understand it. When it comes to climate change, on a fundamental level we don't really...



Climate Change And The Astrobiology Of The Anthropocene

NPR: The Salt, 01 Oct 2016

You can't solve a problem until you understand it. When it comes to climate change, on a fundamental level we don't really...



Anthropocene epoch: Scientists want to record human impact on Earth

WSOC-TV, 03 Sep 2016

- 12:53 AM The western hemisphere of the Blue Marble, created in 2002. NASA's Earth Observatory Life has existed on earth for...



Anthropocene epoch: Scientists want to record human impact on...

Statesman.com, 03 Sep 2016

over.com/?a=28145419829&p=1pl&v=1&x=h4P1I6NugX0L6aVNjJg9gg

World view

Latest Mentions of any CGSpace Outputs (Wikipedia, Twitter, etc)

2016-11-16
7:38 PM UTC



History of agriculture

Wikipedia citation

The history of agriculture records the domestication of plants and animals and the development and dissemination of techniques for raising them productively.



Origins of food crops connect countries worldwide

Article in Proceedings of the Royal Society B: Biological Sciences, June 2016

5:32 AM UTC



Tweet by AlexanderPrishchepov (@prial78)

RT @Land_MDPI: #foodsecurity #insurance, see <https://t.co/fcmwTIZoN>, The Potential and Uptake of Remote Sensing in Insurance: A Review ht...



The Potential and Uptake of Remote Sensing in Insurance: A Review

Article in Remote Sensing, November 2014

5:30 AM UTC



Tweet by Land Open Access (@Land_MDPI)

#foodsecurity #insurance, see <https://t.co/fcmwTIZoN>, The Potential and Uptake of Remote Sensing in Insurance: A Review <https://t.co/KhjMkdx2lm>



The Potential and Uptake of Remote Sensing in Insurance: A Review

Article in Proceedings of the National Academy of Sciences of the United States of America, November

SUMMARY

Total mentions

Research outputs

Outputs with mentions

Sources of attention

EXPORT RESULTS AS CSV

RETURN TO SEARCH

All overview statistics and institution data were last updated **about 17 hours ago**. The next update will run in **17 hours**.

High-Profile Attention Highlights

2016
27 September



MENTIONED IN A HIGH-PROFILE NEWS OUTLET

The New York Times

El cambio climático podría amenazar el abastecimiento mundial de café

Read in English Un informe que analiza las distintas formas en que el cambio climático amenaza al café y quienes lo cultivan ha alarmado a quienes imaginan cómo sería enfrentar un día sin su dosis de cafeína.

Related research output



A bitter cup: climate change profile of global production of Arabica and Robusta coffee

Article in Climatic Change, December 2014

4 contributors from CGSpace

Läderach, Peter

Kirschke, Dieter

Ovalle Rivera, Oriana

Bunn, Christian

2 affiliations with departments at CGSpace

CIAT Decision and Policy Analysis - DAPA

International Center for Tropical Agriculture

SUMMARY

Total mentions	17,030
Research outputs	30,994
Outputs with mentions	2,236
Sources of attention	14

EXPORT RESULTS AS CSV

RETURN TO SEARCH

All overview statistics and institutional data were last updated **about 12 hours ago**. The next update will run in **about 12 hours**.

Export results as CSV

ATTENTION SUMMARY

Duplicate Checker

Duplicate Checker



[Back to DSP](#)

▼ Check the entire repository for possible duplicates

Options:

Stop checking for duplicates after set(s) of duplicates was (were) found

Stop checking for duplicates anyway after minutes have passed.

[Check for Duplicates](#)

▶ Check a certain community or collection for possible duplicates

▶ Check for possible duplicates of one or more specific items

Statistics

[Most Popular Items](#)

[Statistics by Country](#)

[Most Popular Author](#)

[Usage statistics](#)

[Content statistics](#)

[Search statistics](#)

[Storage statistics](#)

[Workflow statistics](#)

[Documentation](#)

Metadata Quality

[Duplicate Checker](#)

[Batch Edit](#)

[New task](#)

[Task queue](#)

[Documentation](#)

Batch Editing Tool

Batch edit



[Back to DSpace Home](#)

Selected Items

10 items/page

Search:

	Title	Author	
	"Goat milk?" Perceptions of goat milk and patterns of consumption in Abergelle District, Ethiopia	Warren, S.	
	"Les unites pastorales": L'elevage transhumant en question ou les questions posees par l'elevage	Cisse, S.	

Showing 1 to 2 of 2 items

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

[Add Items](#)

[Reset](#)

[Manual Edit](#)

[Automated Edit](#)

Metadata-field Visibility Settings

10 fields/page

Search:

	Field
	Abstract (dc.description.abstract)
	Abstract (dcterms.abstract)
	Access Rights (dcterms.accessRights)
	Accrual Method (dcterms.accrualMethod)
	Accrual Periodicity (dcterms.accrualPeriodicity)
	Accrual Policy (dcterms.accrualPolicy)
	Advisor (dc.contributor.advisor)
	Alternative (dcterms.alternative)
	Alternative Title (dc.title.alternative)
	Audience (dcterms.audience)

Showing 1 to 10 of 180 fields

[First](#) [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#) [Last](#)

[Start Edit](#)

Statistics

[Most Popular Items](#)
[Statistics by Country](#)
[Most Popular Authors](#)
[Usage statistics](#)
[Content statistics](#)
[Search statistics](#)
[Storage statistics](#)
[Workflow statistics](#)
[Documentation](#)

Metadata Quality

[Duplicate Checker](#)
[Batch Edit](#)
[New task](#)
[Task queue](#)
[Documentation](#)

Atmire modules

[Atmire module overview](#)

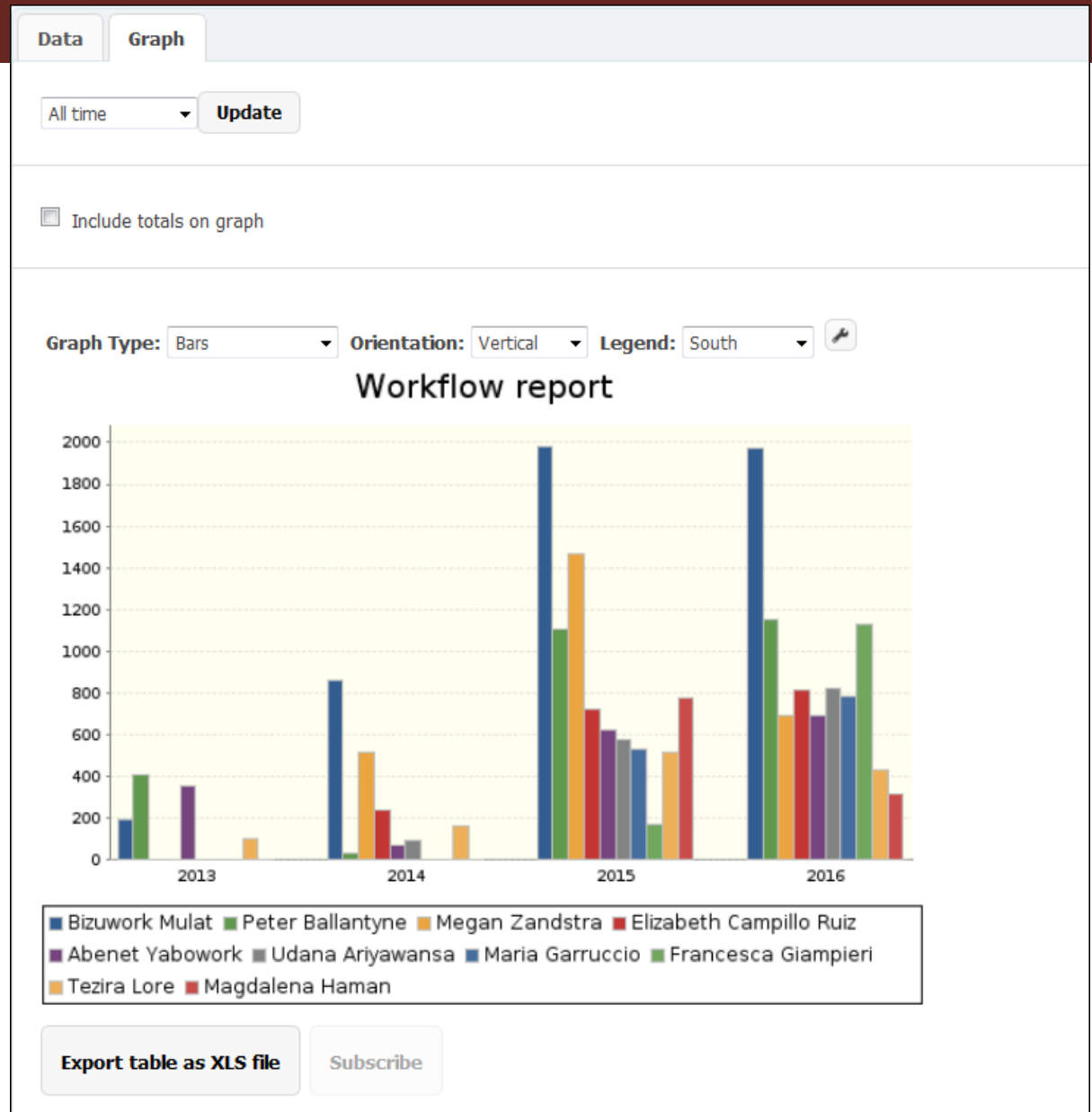
Listings and Reports

[Listings and Reports](#)
[Documentation](#)

Other Stats, e.g. Workflow Report

Statistics

- [Most Popular Items](#)
- [Statistics by Country](#)
- [Most Popular Authors](#)
- [Usage statistics](#)
- [Content statistics](#)
- [Search statistics](#)
- [Storage statistics](#)
- [Workflow statistics](#)
- [Documentation](#)



Management

- Active Yammer developers network with regular updates
- Abenet, Sisay core team, with additional inputs from Tsega (web team)
- Alan now consultant not staff
- Peter overall lead
- Plan to meet alongside CG OA COP meet-up
- Co-financing from partners

On the Agenda

- Upgrade to next DSpace (DSpace 6, mid 2017)
- Upgrade servers (December 2016)
- Metadata final checks for CGCore
- Add in the license field for items (Creative Commons, etc)
- Author consistency check and cleanup / ORCID issues
- REST API to Drupal for more systematic re-publishing
- Inward harvesting from other CGIAR
- Outward harvesting by AGRIS
- Visualization / navigation / user interface
- Consistent handle promotion (for Altmetric)

better lives through livestock

ilri.org

ILRI thanks all donors and organizations who globally supported its work through their contributions to the **CGIAR system**

Patron: Professor Peter C Doherty AC, FAA, FRS

Animal scientist, Nobel Prize Laureate for Physiology or Medicine–1996

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ILRI has offices in East Africa • South Asia • Southeast and East Asia • Southern Africa • West Africa



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