

Monitoring, Evaluation and Learning Efforts by Visualizing

Maiuti • MEL Team Coordinator, ICARDA

15 November 2019

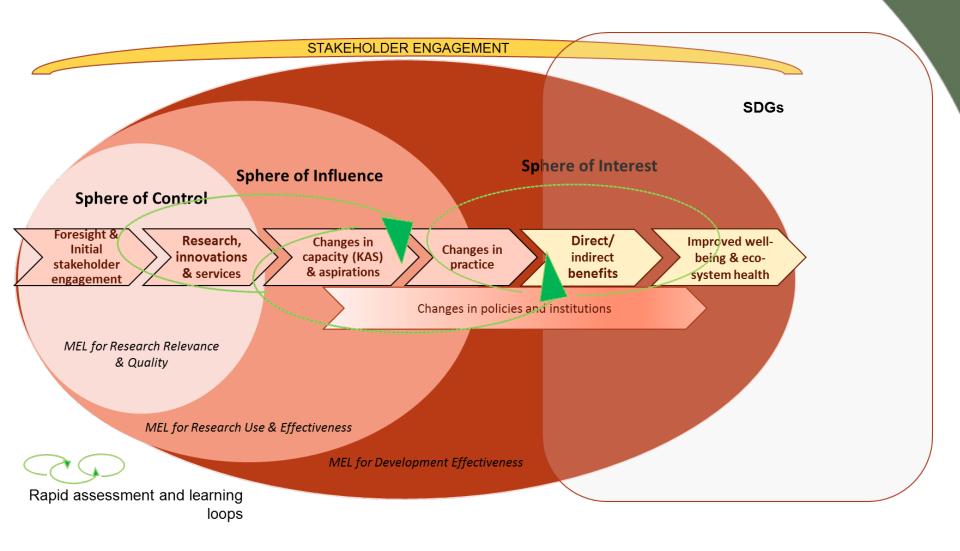


MEL a tool for Institutions and R&D Programs

Key messages

- Rethinking M&E and KM for optimized impact reporting and time saving
- Conceptual and technical integration with framework and tools
- Response to management needs at different levels, streamline harmonized processes
- Interoperability with multiple platforms and modular/flexible development

Integrated RBM Framework



Monitoring, Evaluation and Learning (MEL) procesto

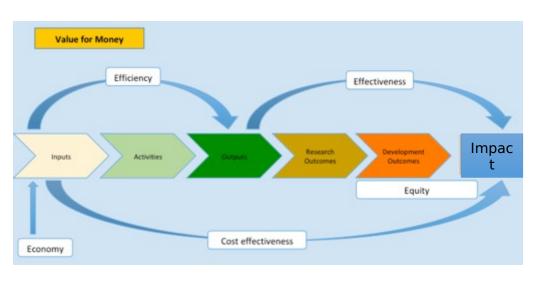
- 1. Communicate the impact of research while contributing to solve development challenges
- 2. Implement agile learning to effectively design and deliver research impact at scale through strategic partnerships
- 3. Demonstrate accountability, benefits and value for money in research
- Allow evidence-based decisions on how and where targeting public spending

Outputs

-Timeliness and quality of expected research results (Knowledge, Data, Technologies, Tools)

Outcomes

- -Indicator based monitoring
- -Participatory monitoring looking at processes and causal relationships among outputs and outcomes



M&E Areas of Action and Interest

Logical Framework

- Indicators @ Goals, Objectives, Outcomes and Outputs + Process indicators (Activities)
- -Disaggregation (e.g. gender, country, crops) & responsibilities
- Risk management along the log-frame

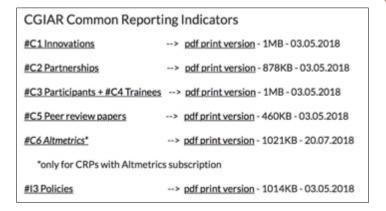
Data Collection and Information management systems

- Main hub (Primary data storage): Monitoring, Evaluation and Learning Systems (MEL)
- Linked hubs (w/depositing workflows): DSPACE, DATAVERSE
- -Data depositing, indexing and sharing of permanent identifiers
- Processing Hubs: GeoODK, ODK, GEOC
 - Paw data collection curation and processing

Reporting Results

- Aggregate indicators (ICARDA and CGIAR) based on data we have
- -Processes/Guidelines/Tools

- ✓ Collect Data for indicators (e.g. SDG / Impact Studies)
- -Funds/Scale/Team/Methodologies





Knowledge Management: Cycle







- **1. Monitoring** projects, institutions and media resonance...
- **2. Evaluating** progress through indexes and metrics...
- 3. Learning from indicators in frameworks for institutional awareness...
- **4. Valuing impact** through policy informing, innovations generation and best practices adoption...
- **5. Partnership** building for research alliances, innovation platforms and science-policy interfaces...
- **6. Research** on-field and in laboratory for scientific advancement, capacity development, gender equality and opportunities for youth...
- **7. Sharing** the results through information products publication and dissemination...

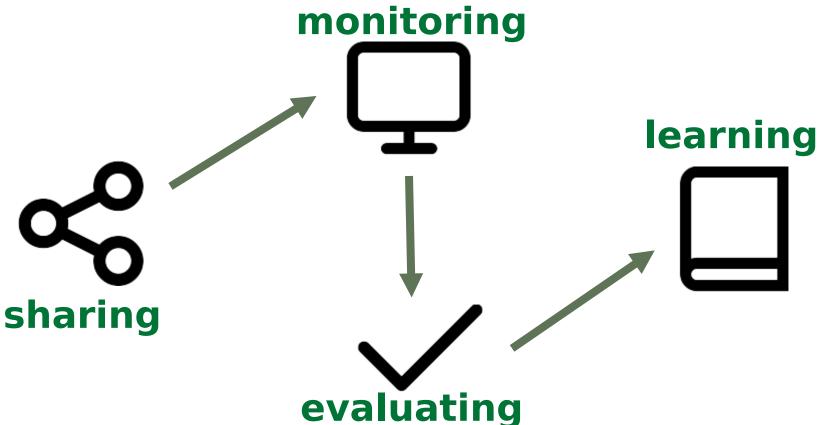






The value of Knowledge Management

Knowledge Management means more than optimizing the data flow within an institution, itself an essential and valuable asset, it also means enabling and foster post-research impact over time, through:



Background, Data and Approach

Timeline: Development, Adoption and Long Term Investment













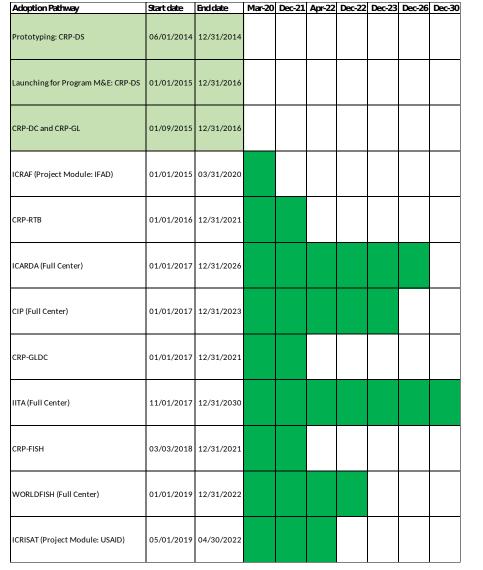














MEL by Numbers





token

Explore

Welcome to MEL API

Project	Show/Hide List Operations Expand Operations
GET /v1/projects/{id}	Read Object(s)
M1/projects	Read Object(s)
GET /v1/projects/{parentid}/project_manager_id/{id}	Read Object(s)
or /v1/projects/{parentid}/project_co_manager_id/{id}	Read Object(s)
Publication	Show/Hide List Operations Expand Operations
GET /v1/publications?id=(id)	Get a publication by id
ν1/publications/search	Get publications count
V1/publications/count	Get publications count

Information Sharing

Home > Our experts > Mourad Rekik



Mourad Rekik Small ruminant production scientist

m/rekikj47/kglanor

Mourad Rekilk is livestock scientist based in Amman, Jordan with more than 25 years of experience in animal reproduction and small ruminants' production and management in drylands. His expertise includes sheep and goots reproduction and its interaction with nutrition, health and genetics. He is involved in the CGIAR research program on dryland systems as well as livestock and fish. His current research interests focus on boosting resilience and productivity of the livestock production systems at the household level and attenuating the impact of environmental and occoronic stressors.

Prior to joining ICARDA, Rekik was researcher and lecturer in several universities in Turnisia. He was also coordinator of several research for development projects, involving multidisciplinary teams. He served as member of the British Society of Animal Science and FAO-CIHEAM network on sheep and goats nutrition. Rekik is author of more than 80 peer-reviewed journal publications, book chapters, and conference papers.

Rekik holds a Ph.D. in animal production from the University of Reading in the UK.

Publications

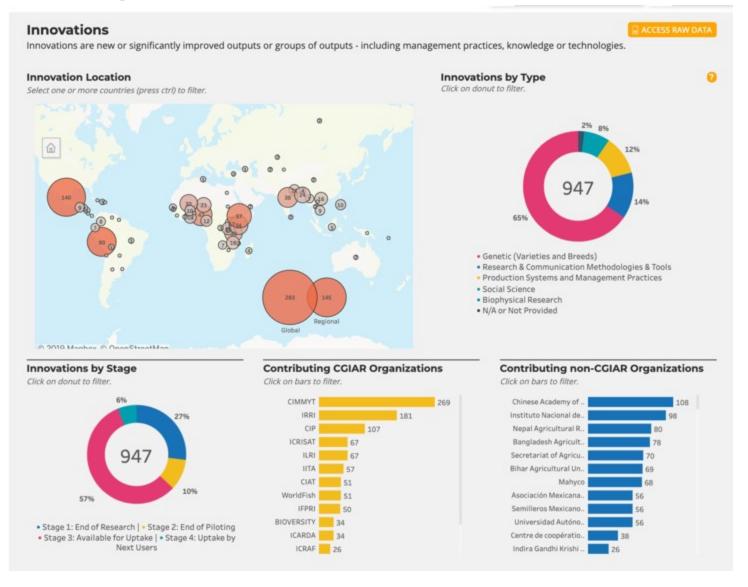
Molecular detection and phylogenetic analyses of Toxoplasma gondii from naturally infected sheep in Northern and Central Tunisia

Mariem Rouatbi, Yosra Amdouni, Safa Amairia, Mohammed Rijeibi, Said Sammoudi, Mourad Reklik, Mohamed Gharbi. (20/12/2017). Molecular detection and phylogenetic analyses of Toxoplasma gondii from naturally infected sheep in Northern and Central Tunisia. Veterinary Medicine and Science, 3(1), pp. 22-31.

Molecular survey and genetic characterization of Anaplasma centrale, A. marginale and A. bovis in cattle from Algeria

Mohammed Rijeibi, Mourad Rekik, Mohamed Gharbi, Omar Ayadi. (30/4/2018). Molecular survey and genetic characterization of Anaplasma centrale, A. marginale and A. bovis in cattle from Algeria. Transboundary and Emerging Diseases, 65(2), pp. 456-464.

Sharing Data to other sites



Business Model Incubation, Start-up & Partnership with the Private and NGO Sect.

- ✓ Internal Staff investment
- ✓ Start-up of Young developers company
- ✓ Partnership with NGO
- ✓ Balancing the coverage among CG Centers
- ✓ Global coverage (working hours and week days)
- ✓ Sustainable solution



	Solution Creators	QA Officers	Developers	Total
ICARDA	1	3	1	5
ДР	1	1	1	3
WorldFish	1	2	2	5
ІПА	1	3	2	6
Codeobia	1	0	2	3
IMMAP	1	1	2	4
Total	6	10	10	26

A platform @ Work

Aggregated views

General information

Public documents

Program structure and key leaders / contact persons

Result Frameworks, Outcomes and Indicators

Output typologies, multi-stakeholders working environment, process (%) reporting

- Details on deliverable status
 - Icons
 - Note with short explanation
 - Download of open access files

Projects

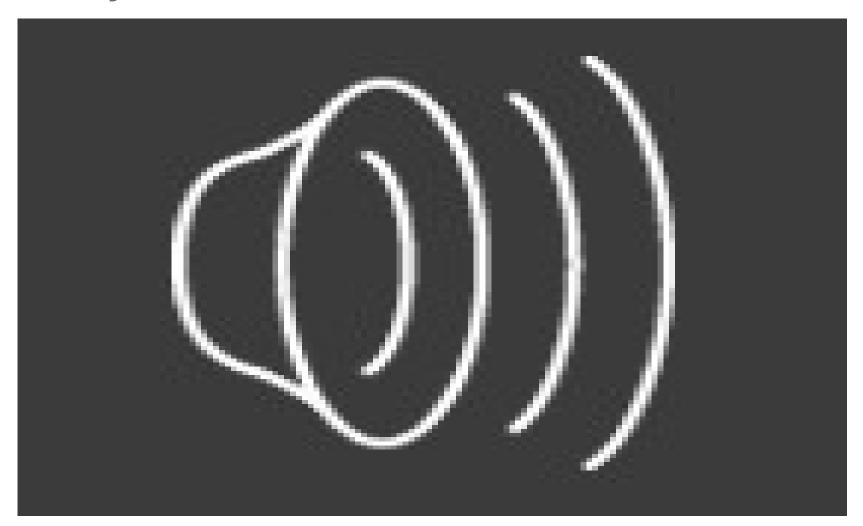
Partners (two-ways evaluation)

Capacity development activities

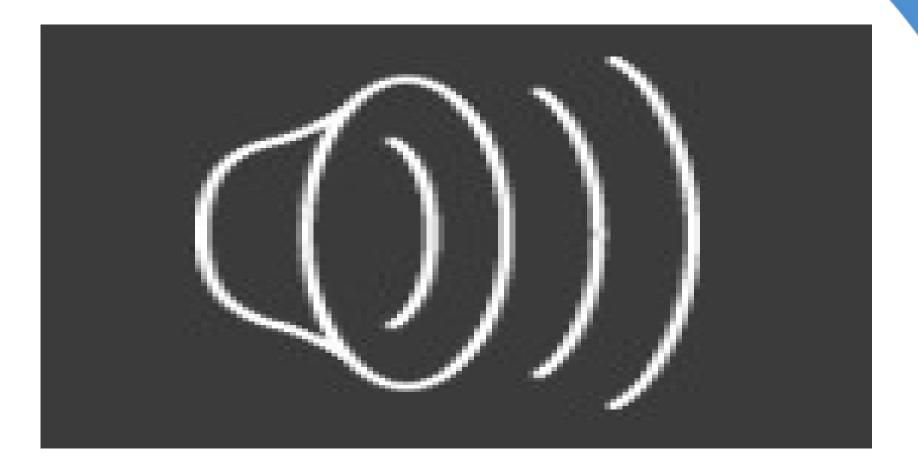
Outcomes and Indicators



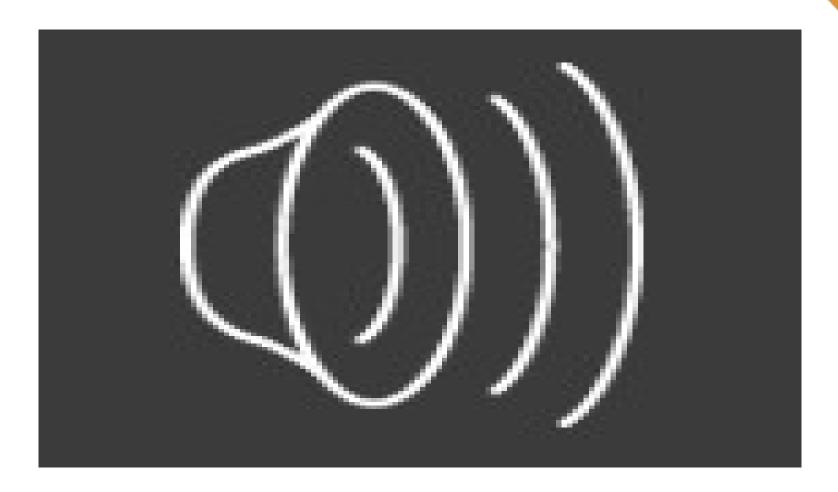
Program Overviews (Thematic Areas / Ope Objectives)



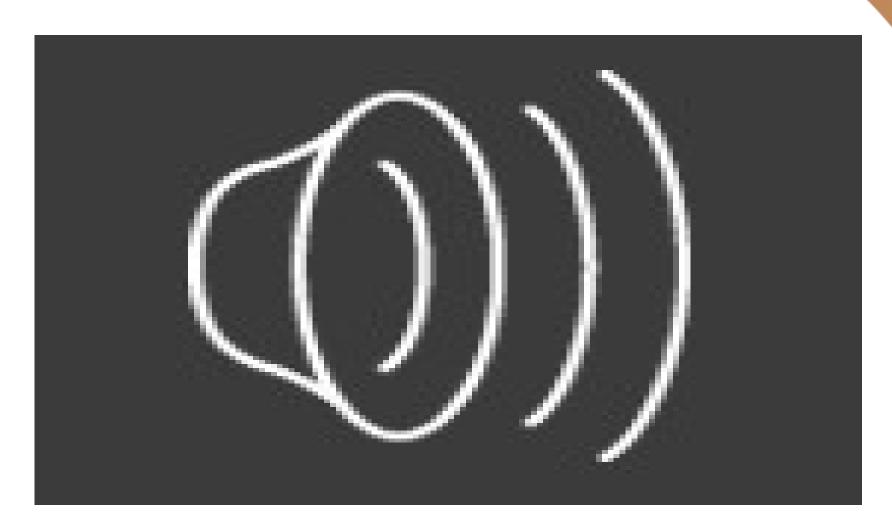
Project page



Plan of Work and Budget - POWB



Capacity Development and outreach activities - Dashboard



Partnerships

Project AFESD/KF/BMGF/OFID Support for Enhancement of Food ... × -AFESD/KF/BMGF/OFID Support for Enhancement of Food Security in the Arab Region, Phase II Optimizing Subsidiary Crop Applications in Rotations (OSCAR)

Institut National des Grandes Cultures

Location: Tunisia, Jendouba visit the Website

Spain Greece Turkey Portugal Tunisia Morocco Algeria Libya Western Sahara Saudi Arab Mauritania Mali Niger Sudan

Working Areas

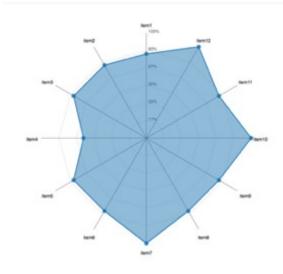
Burkina

Chad

Knowledge Partners

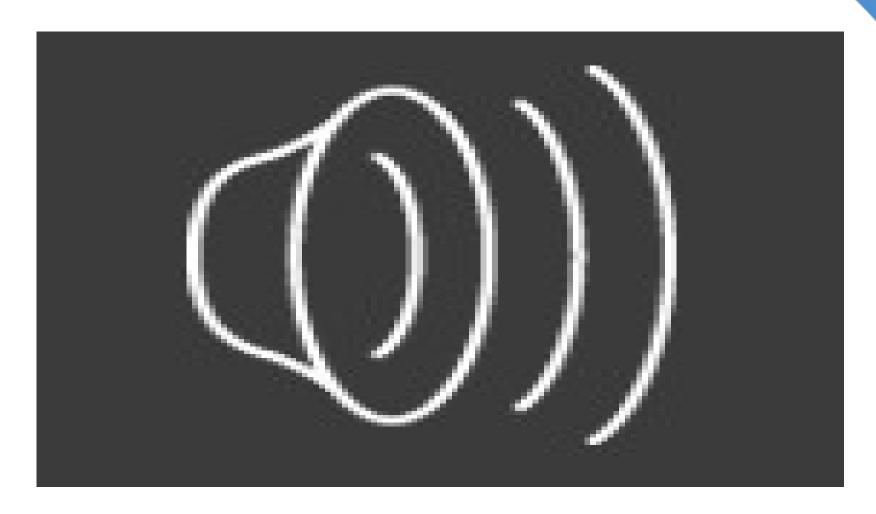
Yeme

Partnership health check-up





Outcome/Impact Case Study

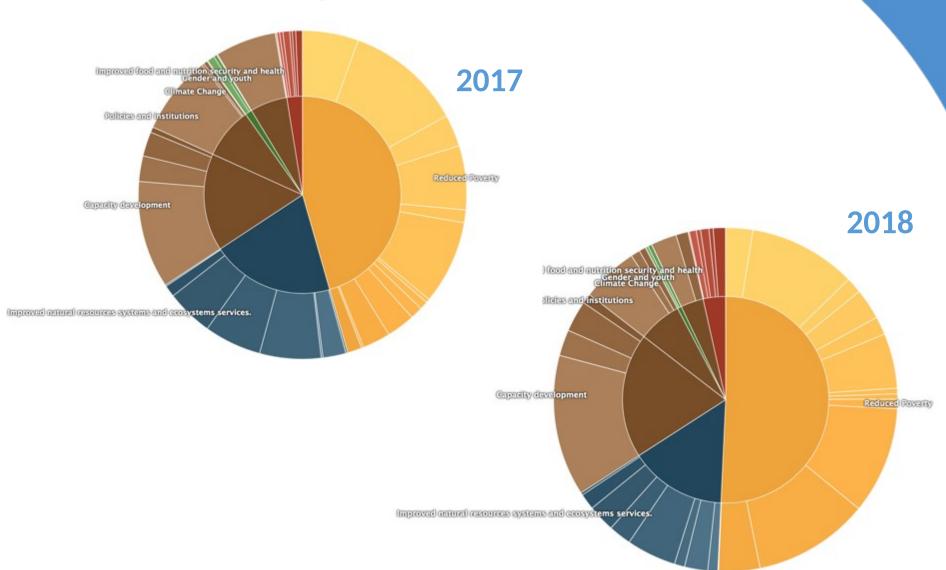


Visualize Investment

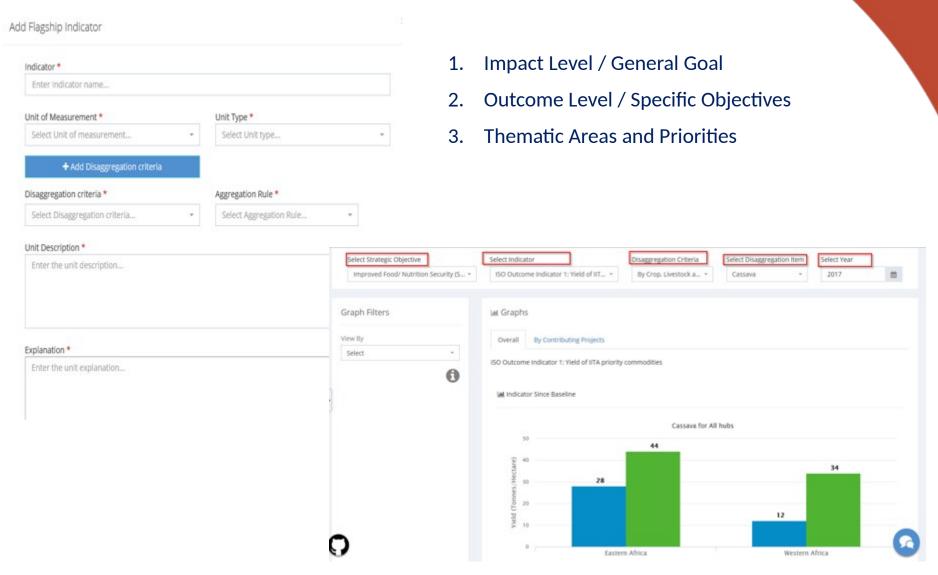




Portfolio analysis



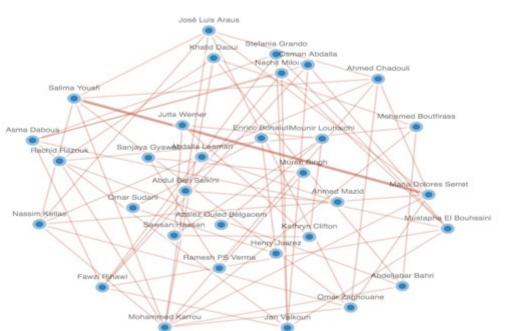
Key Performance Indicators



Data Flows and Mining

Network Analysis for Impacts





Authors: 3172,3675

Number of publications for Salima Yousfi and Maria Dolores Serret together: 1

http://hdl.handle.net/20.500.11766/3565



An Agricultural Research e-Seeker (AReS) to find, explore and visualize open repository resources

DSpace repositories

Configurable repositories and

platforms

Repository explorer

AReS configuration

CGSpace
A Repository of Agricultural
Research Outputs
Used by 14 CGIAR centers,
Research Programs and
partners
Contains about 80,000 research
outputs
More than 27 million views and







The Agricultural Research e-Seeker (AReS):

- Allows us to view and navigate single or multiple repository content in a visual way
- Shows relationships, patterns and trends for different metadata filters authors, countries, topics, investors, years, etc
- Incorporates public usage data from DSpace and Altmetric
- Preserves original repository configurations (good and bad)
- · Exposes inconsistencies
- Will ultimately include other repository types such as Dataverse
- · Is configured for 'our' metadata fields
- Open Online https://cgspace.cgiar.org/explorer



Get OpenRXV on GitHub











Peter Ballantyne 1, Moayad Al-Najdawi 3, Enrico Bonaiuti
2, Valerio Graziano 2, Alan Orth 1, Jane Poole 1,
Mohammed Salem 3, Abenet Yabowork 1
International Livestock Research institute (ILRI),
International Research for Agricultural Research in Dry
Areas (ICARDA) 2, CodeObia 3
Valerio, Graziano@comel.org. A. Yabowork@coiar.org





Where does IFAD concentrates its effort during the last five year? And on which subjects?



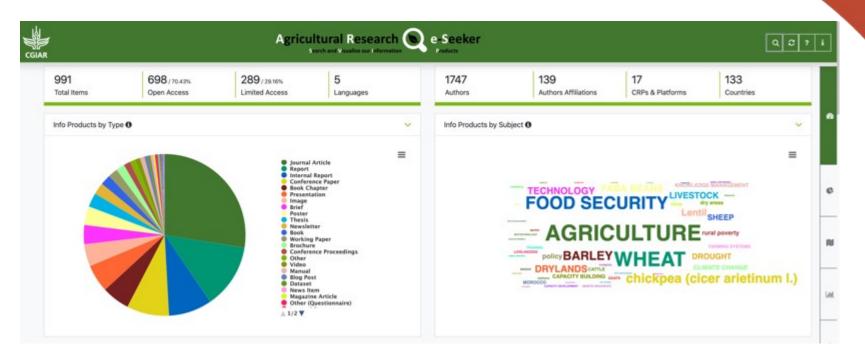
Select Year «2013-2018» and Funder «International Fund for Agricultural Development» and find out!

Region and Countries are shown in the atlas, while the «Subject» filter will automatically sort for those available in the Info Products List of Results. The same list if sort all a Subject.

Are IFAD and ADB funding the same projects? If yes, what have they produced and where?

Select Funder «International Fund for Agricultural Development» then check if «African Development Bank» appears in the Funder filter too. If no, they are not related in our repositories, if yes select it!

The Info Products List of Results and the Info Products Overview will provide you with all information.





three regions studied in this report, record-breaking temperatures are occurring more frequently,



D Key issues for livestock and pastoralism in Sudan

IGAD LPI. 2007. Key issues for livestock and pastoralism in Sudan. IGAD LPI Policy Brief. Addis Ababa, Ethiopia: IGAD Livestock Policy Initiative.

Publisher: IGAD Livestock Policy Initiative | Subject: PRO-POOR LIVESTOCK, LIVESTOCK, POLICY, PASTORALISM

Type: Brief | Status: Open Access | Date issued: 2007 | Attention Score: 3 | Downloads: 701 | views: 861











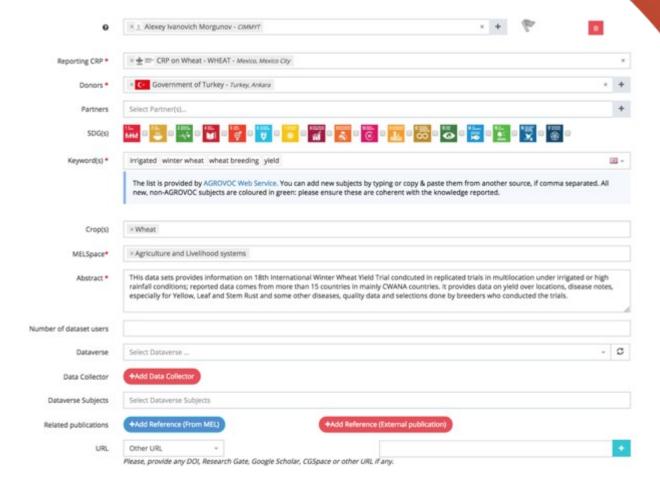
Connecting Research and Researchers



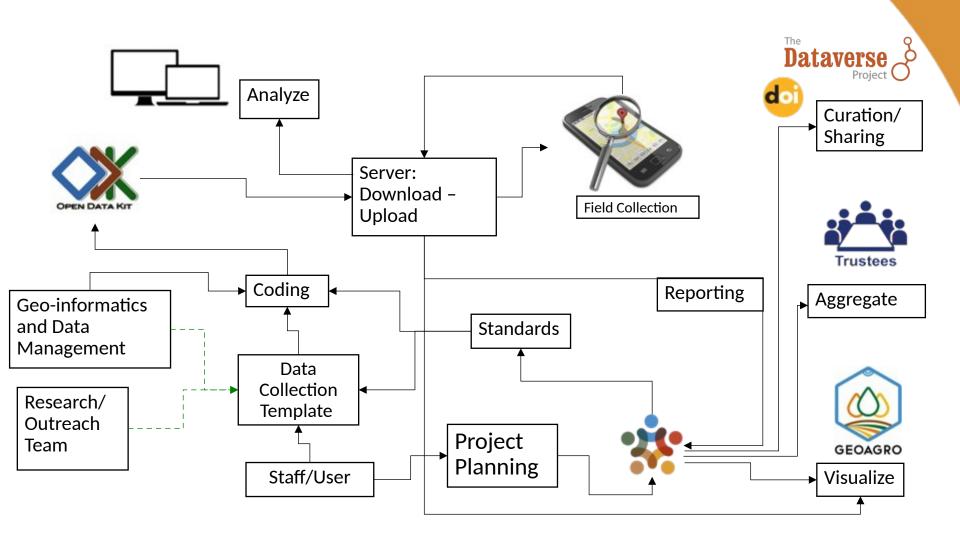




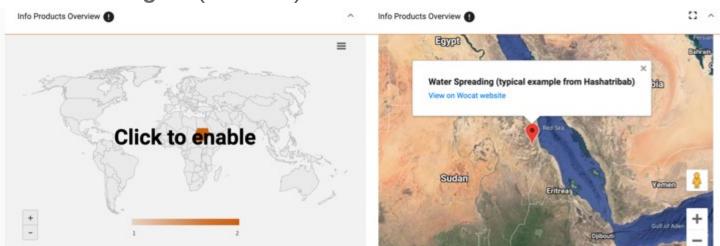
Data Curation



Field Data Collection

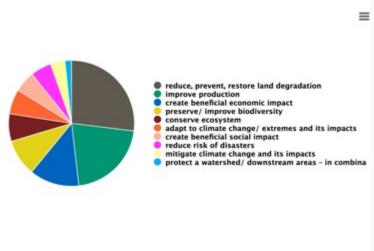


World Overview of Conservation Approaches and Technologies (WOCAT)













Geo-Informatics Option x Context

National and Actors **target** their **investment** for Agricultural **Technologies** & Natural Resources Management **Practices**

Context-specific evidence available to support sound investment decisions

Promote scaling of Technologies and Practices for socio-economic impact

Shareable **global knowledge** applicable at **local dimension**

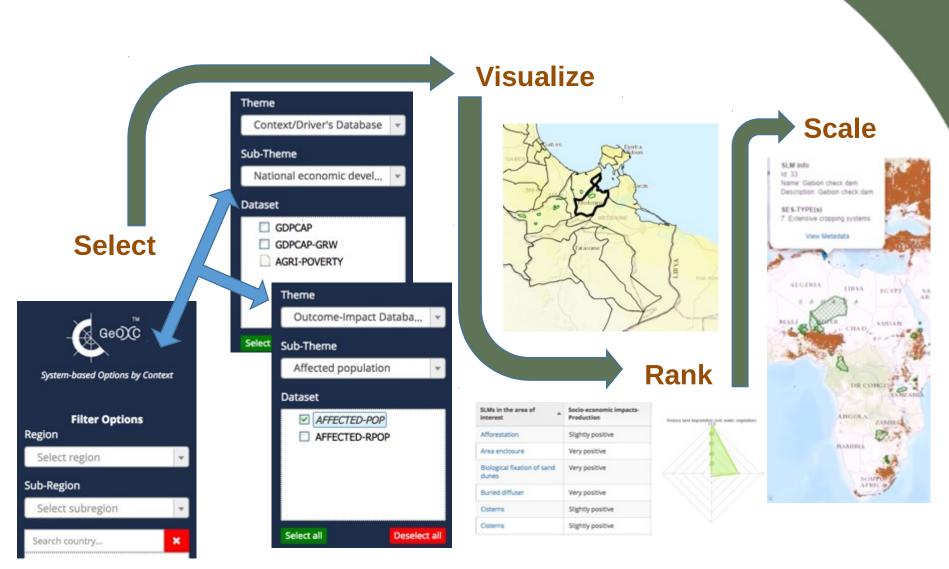
Spatio-temporal linkages for evaluation and dissemination

Flexible entry points to accommodate users requirements









Legal and GDPR

Legal Aspects of KM: Attribution and Licensing



+21%
ICARDA
Scientists
Registered ir
1 Quarter.
Over <u>5 Millio</u>
Worldwide.



400+ Millions licenses of which more than 40% Open Access*.















GDPR Safe



Publishers, 30k+
Journals
and Related
Policies for
Archiving and

GDPR Compliance

- Consent agreement in place
- User access to his/ her data
- 3. Right to be forgotten in place
- 4. Institutional
 Profiles for data
 access (incl. data
 sharing
 agreement)







Appreciation Abroad and within Centers

 2018 Enterprise Business Collaboration Award in Berlin in the category of 'Best Collaboration Infrastructure'



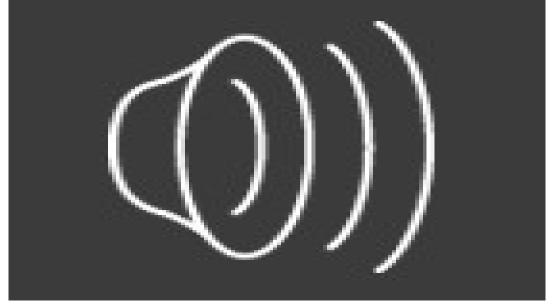


WorldFish

 2019 WorldFish Board Award for Organizational Development to WF M&E Leader for the adoption of MEL

Thank you

www.mel.cgiar.org













RESEARCH PROGRAM ON Roots, Tubers and Bananas



RESEARCH PROGRAM ON Fish













