



Monitoring Evaluation and Learning, Data Management and Geo-informatics Option by Context

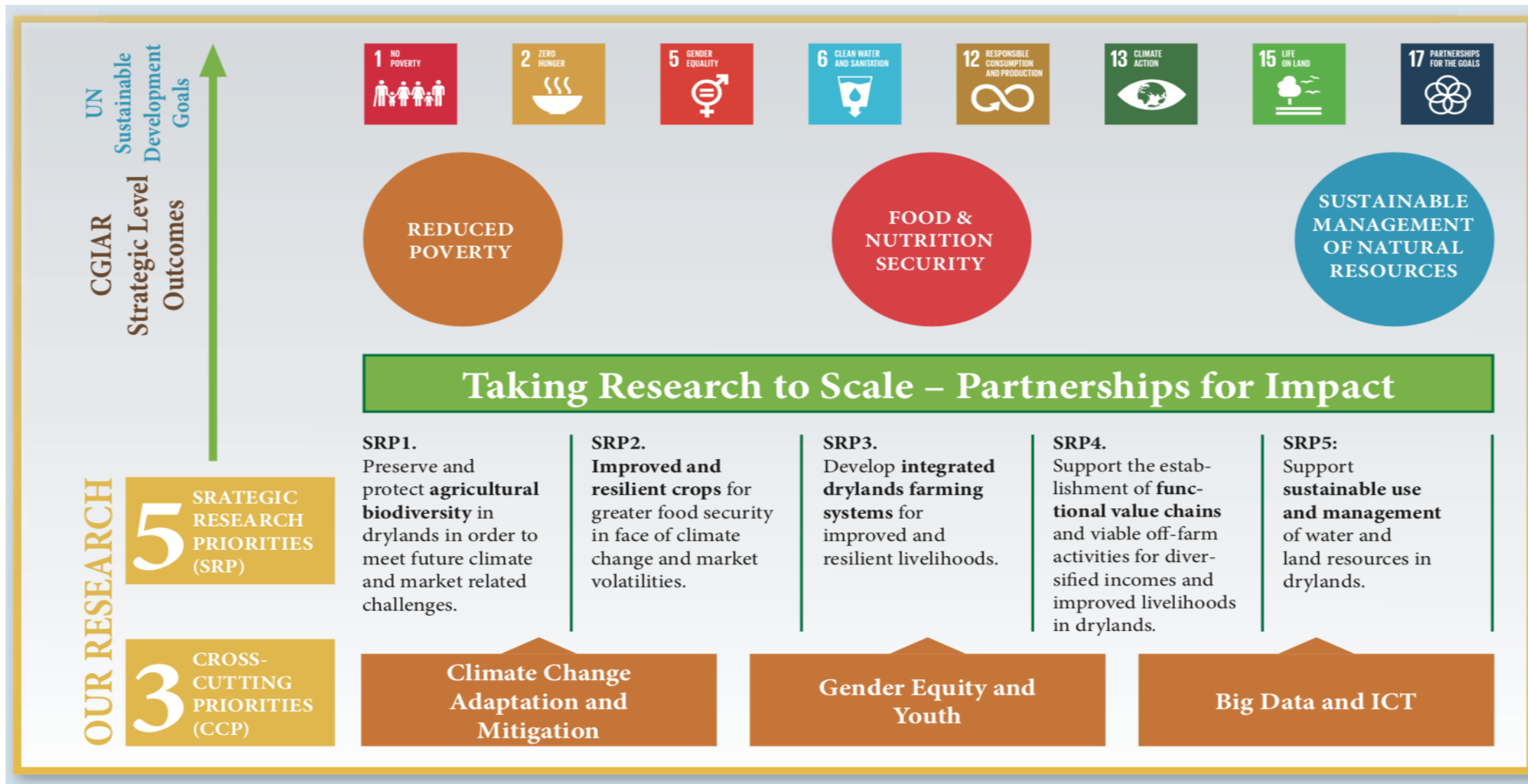


Learning Week




01/11/2019 – Tunis, Tunisia – Enrico Bonaiuti

BigData & Open Access: a Priority at Institutional Level



Data for Indicators

 **SUSTAINABLE DEVELOPMENT GOALS**



Data Storage - Exchange



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 Metrics 0 Downloads

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The root dataverse.

Search this dataverse...

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Dataverse Category

[Research Group \(9\)](#)

Publication Date

[2018 \(9\)](#)

1 to 9 of 9 Results

 Sort ▾

[Big Data and ICT](#) (International Center for Agricultural Research in the Dry Areas) 

Feb 5, 2018



The advent of big data that incorporates geo-informatics, remote sensing and the large volumes of data being generated by technological advances in genomics will revolutionize the way we work in the future. The use of this information to increase research efficiencies and decisio...

[Capacity Development](#) (International Center for Agricultural Research in the Dry Areas) 

Feb 5, 2018



Capacity development is core to ICARDA's mission and an essential element for the delivery of quality research and sustainable development impact. Over the coming decade we will build on our extensive network of long and enduring partnerships with universities and ARIs, which use...

[Gender equality and youth](#) (International Center for Agricultural Research in the Dry Areas) 

Feb 5, 2018



As the role of women in dry area agriculture increases, and their workloads become heavier with the migration of men to urban areas and abroad, they face financial, cultural and legal constraints in accessing knowledge, innovation, finance, markets, institutions and resources, pa...

Data Curation



United Nations
Statistics Division



ORCID

Connecting Research
and Researchers



AIMS



ArcGIS®

Reporting CRP

Donors

Partners

SDG(s)

Keyword(s)

The list is provided by [AGROVOC Web Service](#). You can add new subjects by typing or copy & paste them from another source, if comma separated. All new, non-AGROVOC subjects are coloured in green: please ensure these are coherent with the knowledge reported.

Crop(s)

MELSpace

Abstract

Number of dataset users

Dataverse

Data Collector

Dataverse Subjects

Related publications

URL

Please, provide any DOI, Research Gate, Google Scholar, CGSpace or other URL if any.

Network Analysis for Impacts

SDG(s)



Keyword(s) *

drylands soil wheat



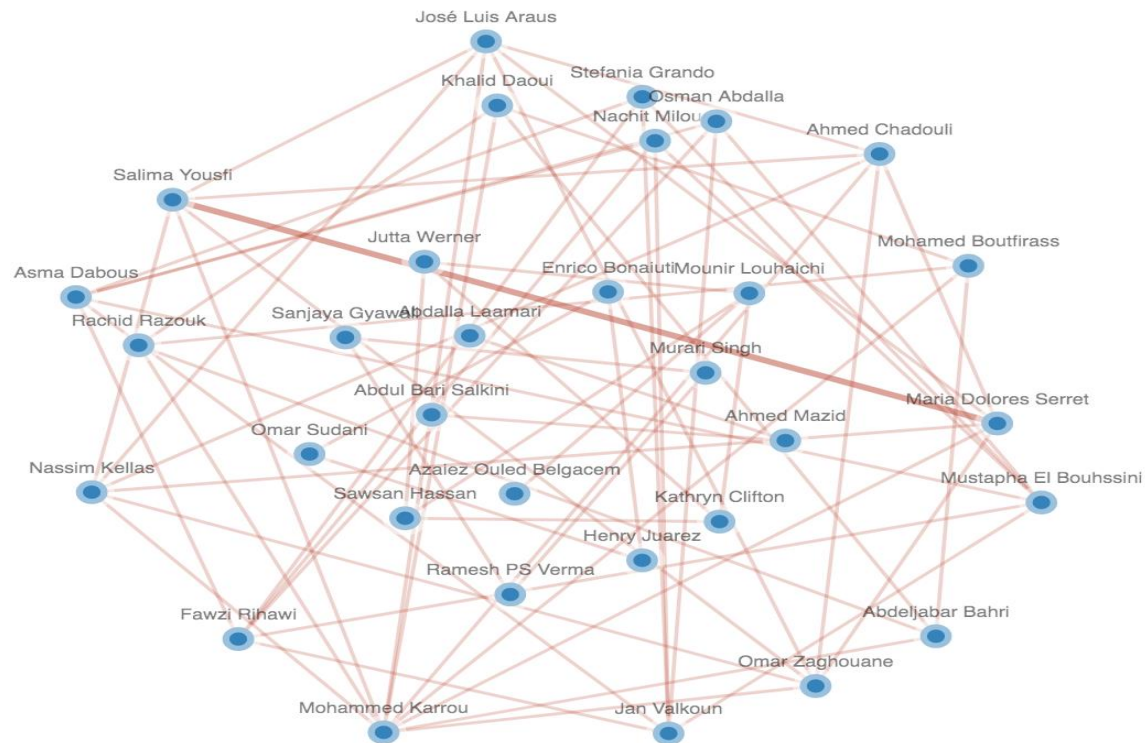
The list is provided by [AGROVOC Web Service](#). You can add new subjects by typing or copy & paste them from another source, if comma separated. All new, non-AGROVOC subjects are coloured in green: please ensure these are coherent with the knowledge reported.

Authors: 3172,3675



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

• <http://hdl.handle.net/20.500.11766/3565>



**BROWSE**[Collections](#)[Authors](#)[Dates](#)[Topics](#)[Titles](#)**AUTHOR PROFILES**[View](#)**Publications**

29,226 publications available

[Featured](#)[Latest](#)[Trending](#)

BOOK

Doing Business 2020 : Comparing Business Regulation in 190 Economies

World Bank

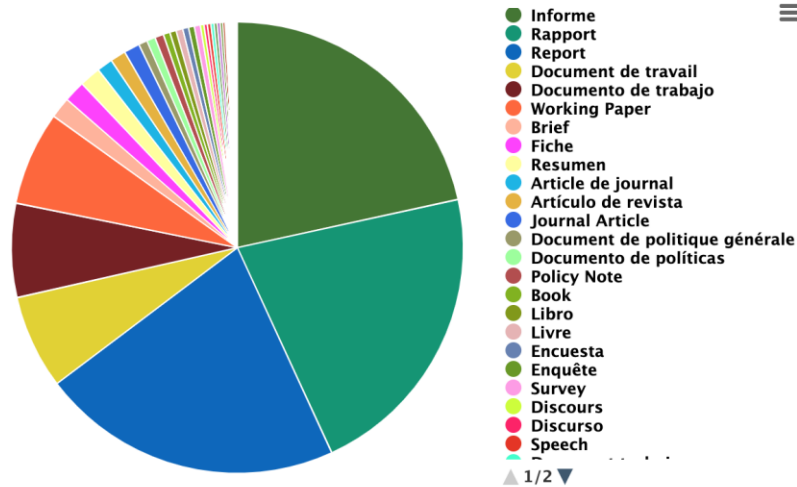
Doing Business 2020 is the 17th in a series of annual studies investigating the regulations that enhance business activity and those that constrain it. It provides quantitative indicators covering 12 areas of the business environment in 190 economies. The goal of the Doing Business series is to provide objective data f...

2020

| | | | | | | | |
|----------------------------|------------------------|--------------------------|----------------------|-------------------------|----------------------|---------------------|-----------------------|
| 3339 Total Items | 2263 Authors | 43102 Subjects | 741 Topics | 67 Publishers | 24 Regions | 3 Funders | 3 Languages |
|----------------------------|------------------------|--------------------------|----------------------|-------------------------|----------------------|---------------------|-----------------------|

Info Products by Type !

Info Products by Subject !



Info Products List of Results !

Sort Options
Altmetric: Attention Score

Order
Descending

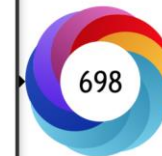


Turn Down the Heat : Confronting the New Climate Normal, Bajamos la temperatura : cómo climática (Vol. 4), Baissons la chaleur : Face à la nouvelle norme climatique - resumé analytique

This report focuses on the risks of climate change to development in Latin America and the Caribbean and parts of Europe and Central Asia. Building on earlier Turn Down the Heat reports, this new science-based report assesses the impacts of present day (0.8°C), 2°C and 4°C warming above pre-industrial temperatures on agricultural ecosystem services, and coastal vulnerability for affected populations. Data show that dramatic climate extremes are already impacting people, damaging crops and coastlines, and putting food, water, and energy at risk. In the three regions studied in this report, record-breaking temperatures are occurring more frequently, raising the risk of more frequent and severe extreme weather events.

- Picked up by 9 news outlets
- Blogged by 7
- Referenced in 1 policy sources
- Tweeted by 706
- On 49 Facebook pages
- Mentioned in 1 Google+ posts
- 190 readers on Mendeley

[See more details](#) | [Close this](#)





Armenia : Promoting Productive Employment

This paper examines labor market outcomes in Armenia and their impact on poverty. The outcomes are of considerable concern: relatively few persons of working age are employed, and many of those who are employed have low-productivity jobs. The problem is not only high unemployment, but also low labor force participation. The main factor behind the low employment/population ratio is weak labor demand and the scarcity of productive job opportunities. This paper begins in section one by discussing the main labor market challenges in Armenia, before focusing on unemployment in section two. Section three analyzes the nature of employment and jobs, while section four examines wage determination and structure. Section five then evaluates the relationship between individuals' and households' labor market status and poverty. Finally, section six concludes with policy implications of the analysis. In order to reach the 60 percent



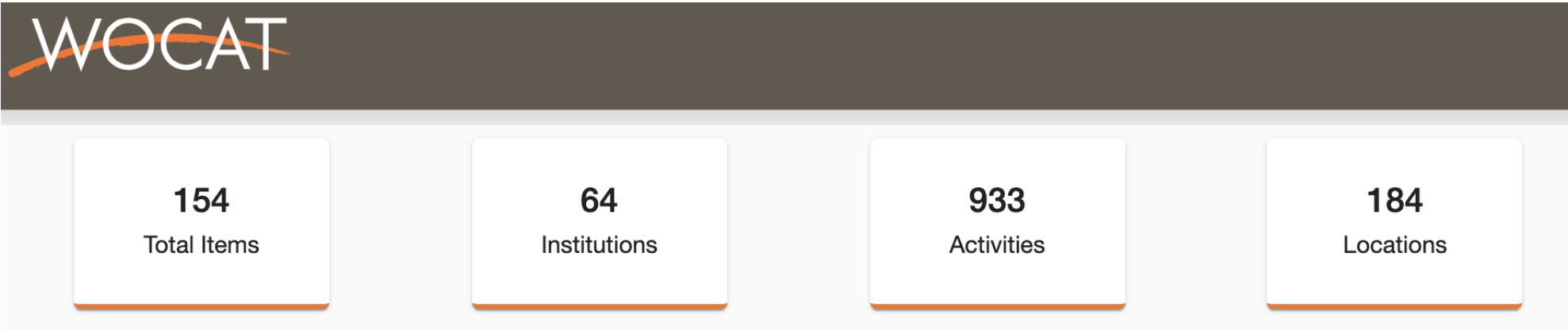
Gender, agriculture and rural development in Armenia

Cited by Food and Agriculture Organization of the United Nations on **01 Feb 2017**

The Food and Agriculture Organization (FAO) of the United Nations is an intergovernmental organization whose mission is to achieve food security, ensuring that people have regular access to enough high-quality food to lead active, healthy lives.



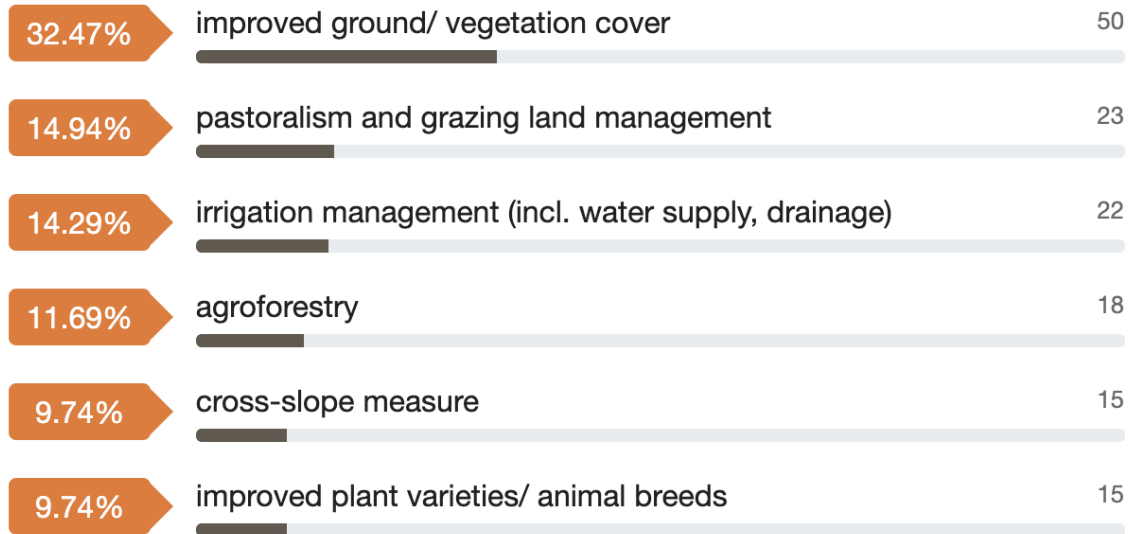
World Overview of Conservation Approaches and Technologies (WOCAT)



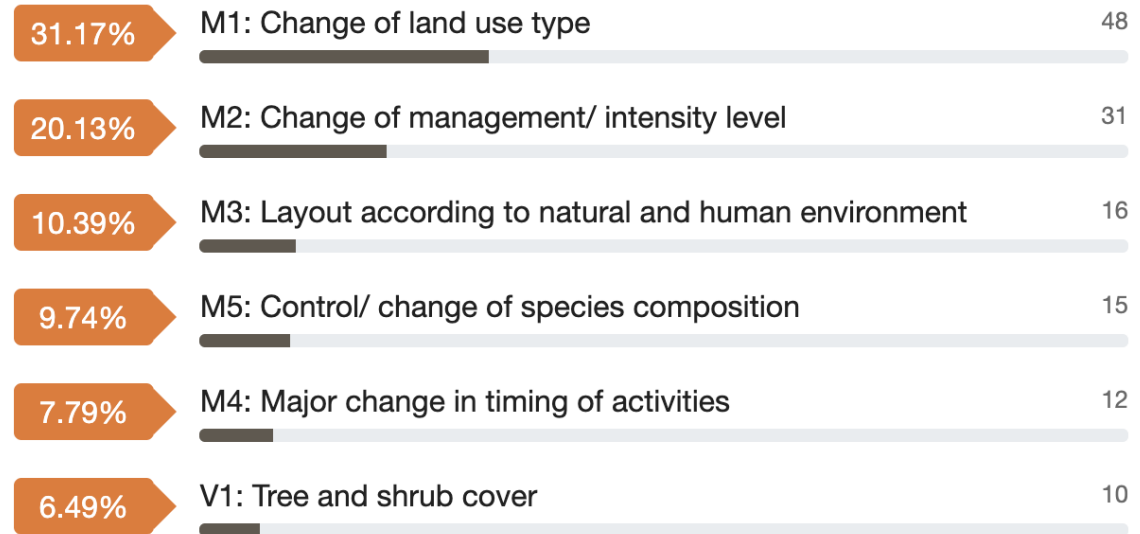
- reduce, prevent, restore land degradation
- improve production
- create beneficial economic impact
- preserve/ improve biodiversity
- conserve ecosystem
- adapt to climate change/ extremes and its impacts
- create beneficial social impact
- reduce risk of disasters
- mitigate climate change and its impacts
- protect a watershed/ downstream areas - in combina



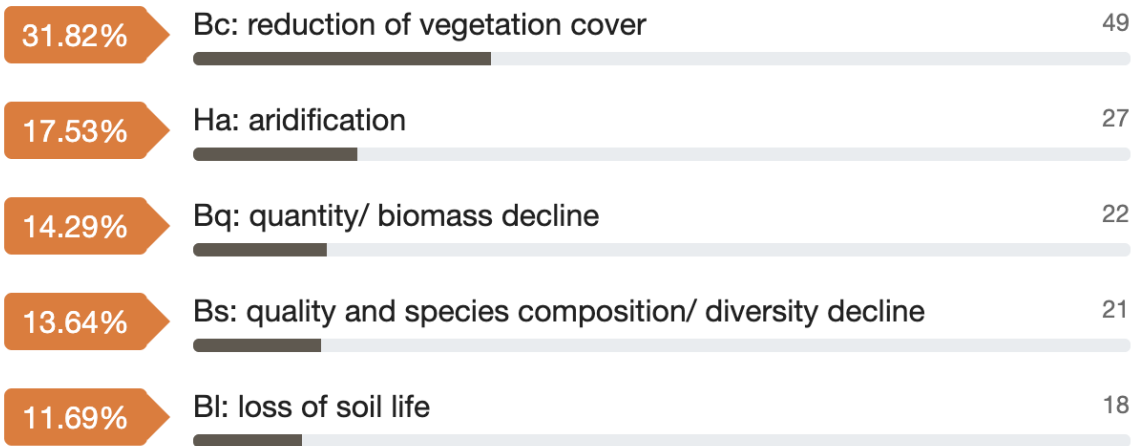
SLM groups !



SLM measures !



Degradation type !



Institutions !



Understanding of the linkages between drivers and impacts by means of Geo-informatics tools supporting a contextual application of SLM (<http://geoc.mel.cgiar.org>).

Select

GeOCC™
System-based Options by Context

Filter Options

Region
Select region

Sub-Region
Select subregion

Search country...

Theme
Context/Driver's Database

Sub-Theme
National economic devel...

Dataset

- GDPCAP
- GDPCAP-GRW
- AGRI-POVERTY

Theme
Outcome-Impact Databa...

Sub-Theme
Affected population

Dataset

- AFFECTED-POP**
- AFFECTED-RPOP

Select all Deselect all

Visualize



Rank

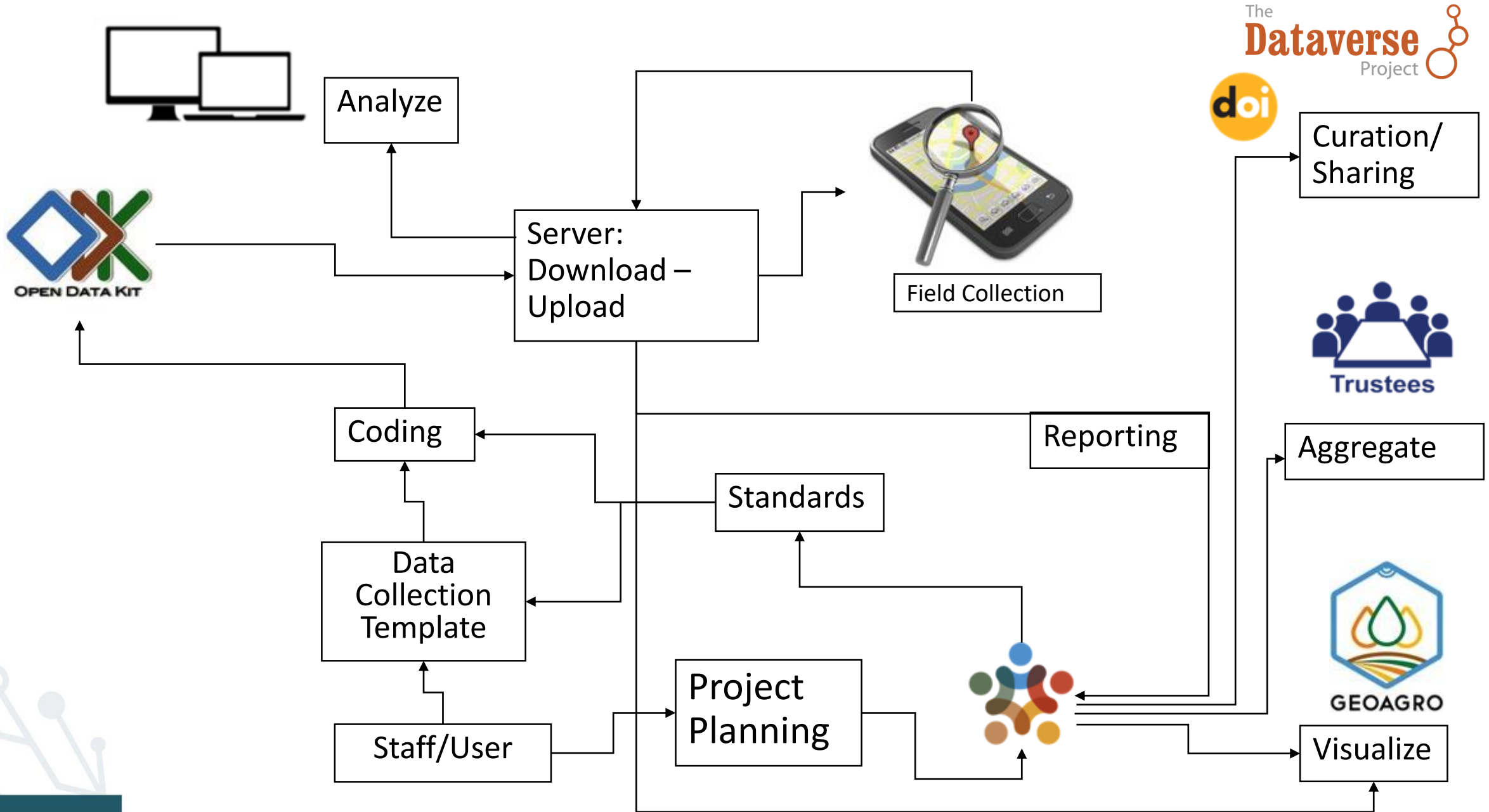
| SLMs in the area of interest | Socio-economic impacts-Production |
|-----------------------------------|-----------------------------------|
| Afforestation | Slightly positive |
| Area enclosure | Very positive |
| Biological fixation of sand dunes | Very positive |
| Buried diffuser | Very positive |
| Cisterns | Slightly positive |
| Cisterns | Slightly positive |



Scale



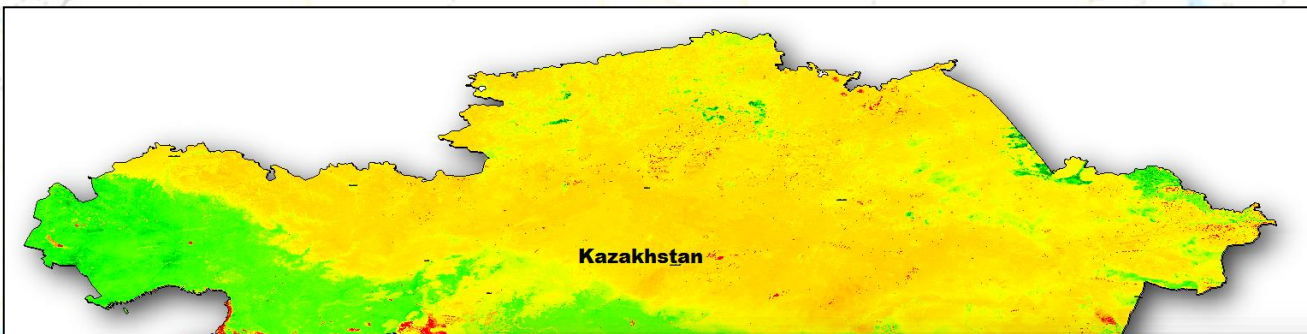
Field Data Collection



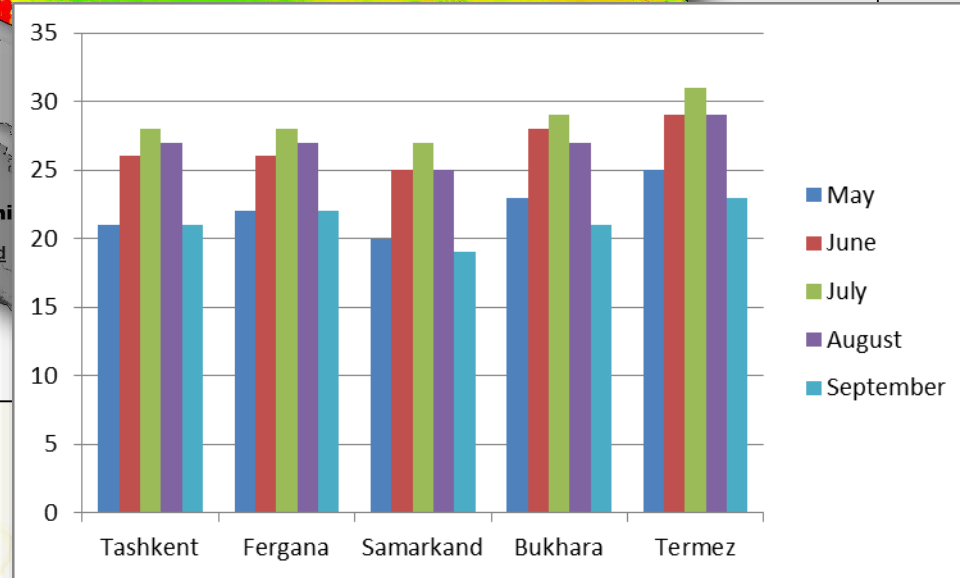
Explore semantically-enabled and standards-compliant datasets

- maize yields under *complete* and *no* fertilisation in
- yields of not-improved in
- maize yields in
- avg. maize yields of conservation vs. conventional practice in
- avg. maize yields of conservation vs. conventional tillage process in clay soil in
- in soil in
- soil texture of in





| | July | August | September |
|-------|-------|--------|-----------|
| Max | 28 °C | 27 °C | 21 °C |
| Min | 28 °C | 27 °C | 22 °C |
| Day | 17 °C | 25 °C | 19 °C |
| Night | 9 °C | 27 °C | 21 °C |
| Mean | 11 °C | 29 °C | 23 °C |



Preview

Upload

manual updating of information

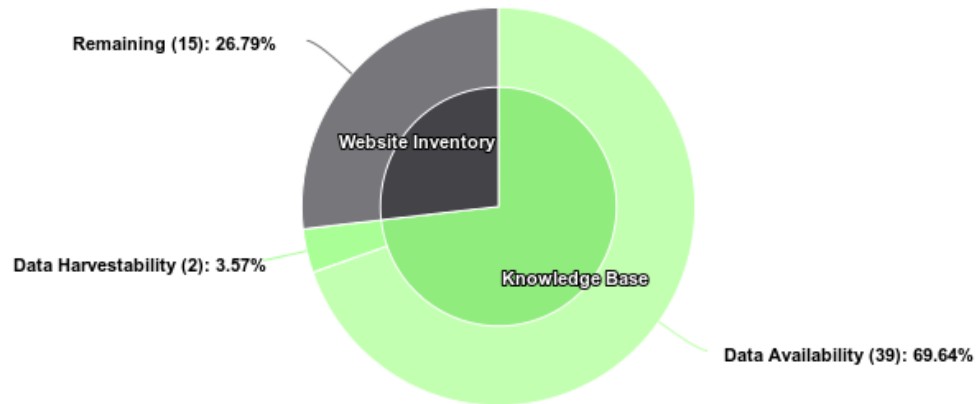
Data Availability



Central Asia
CLIMATE PORTAL

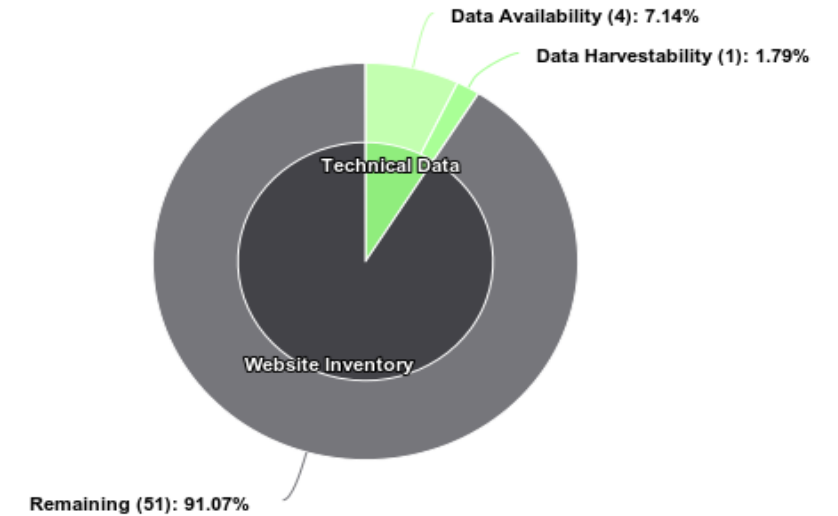
Knowledge Base Data to Website Inventory Repository

Website Inventory Repository Size = 56 websites



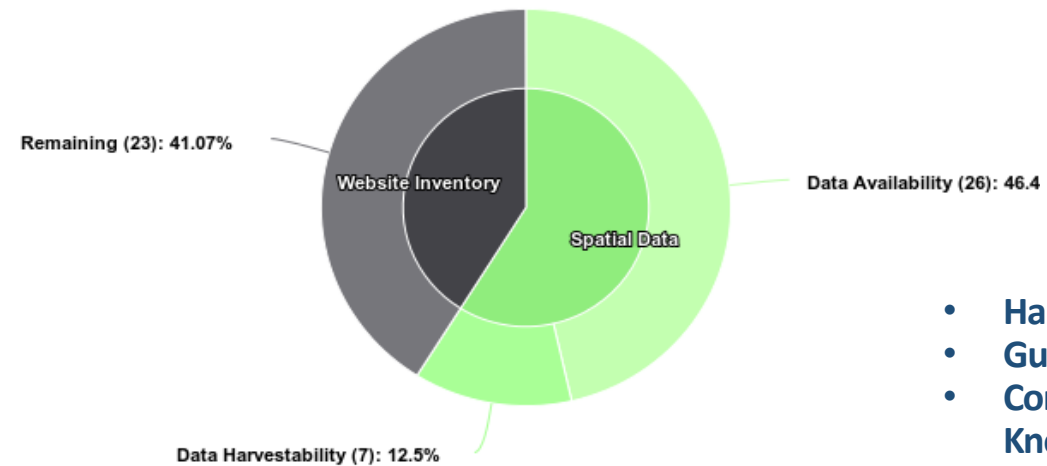
Technical Data to Website Inventory Repository

Website Inventory Repository Size = 56 websites



Spatial Data to Website Inventory Repository

Website Inventory Repository Size = 56 websites



- **Harvesting**
- **Guidelines**
- **Community (Expertise & Knowledge)**