



Food and Agriculture
Organization of the
United Nations

AGRIS

International System for Agricultural Science and Technology

Where is the AGRIS ecosystem today?

Regional workshop on Strengthening the Accessibility and Visibility of Agricultural and Land Data
through the Use of Semantics - AGRIS in Europe and Central Asia

Moscow, 27-28 June 2019

AGRIS

The vision

“To improve agriculture in the world, we have to make information on agriculture globally available”



What is AGRIS?

- International Information System of Agricultural Science and Technology
- 1974: initiative of around 180 member countries of the Food and Agriculture Organization of the United Nations (FAO)
- Main objective: improving access and exchange of information on agricultural research serving the information needs of developed and developing countries on a **partnership basis**

AGRIS today

- A **network** of more than 450 data providers (research centers, academic institutions, publishers, governmental bodies, development programmes, international and national organizations) from up to 145 countries
- A **web portal** that gives free access to around 9.9 million bibliographic records and 1,528 datasets.
(<http://agris.fao.org/>)
- A **data set** of multilingual bibliographic resources on agricultural research, including forestry, fisheries, animal sciences, nutrition, climate change, natural resources, land and water

AGRIS today

AGRIS [Data Providers](#) submit bibliographic metadata that describes research papers, reports, multimedia material, grey literature and other content types that are related to the agricultural domain. More than 450 data providers are registered to AGRIS.

AGRIS is accessed by up to 600,000 users each month.

AGRIS users

**AGRIS supports both developed and developing countries.
Accessed from more than 200 countries and territories!**

- Researchers, professors, and graduate students looking for bibliographies
- Librarians, cataloguers
- Journal publishers, conference organizers
- Government officers asking for reports on specific topics
- Others

AGRIS indexing

AGRIS records are fully indexed by Google Scholar

85 % of AGRIS records are indexed by [AGROVOC multilingual thesaurus](#), that covers all areas of interest of FAO including food, nutrition, agriculture, fisheries, forestry, environment etc

AGRIS usage statistics May 2019

Users

464,940



New Users

404,779



Pageviews

689,946




Sessions

561,150



Country

1.  India
2.  United States
3.  Philippines
4.  Brazil
5.  China
6.  Mexico
7.  Turkey
8.  Nigeria
9.  United Kingdom
10.  Colombia



AGRIS now facilitates access to open datasets

The AGRIS team is pleased to announce that AGRIS users can now explicitly search for datasets on the [AGRIS website](#).

This new function comes with access to the inaugural 1,528 datasets that were added to AGRIS. The initial datasets are from providers like the [Agricultural Research Service](#) of the United States Department of Agriculture (USDA) or [Ag Data Commons](#).

What is a dataset?

A dataset is a collection of related sets of information that is composed of separate elements but can be manipulated as a unit by a computer.

Datasets can be **open**, which means that the data is open for everyone to access, modify, reuse, and share.

Finding datasets has been a challenge over the years, however many services have been established to publish and expose datasets. Since 2011, [Google Public Data Explorer](#) helps explore vast amounts of datasets of public interest.

AGRIS seeks to increase the visibility of agriculture-related datasets and links them to the AGRIS database.

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research infor
accessible

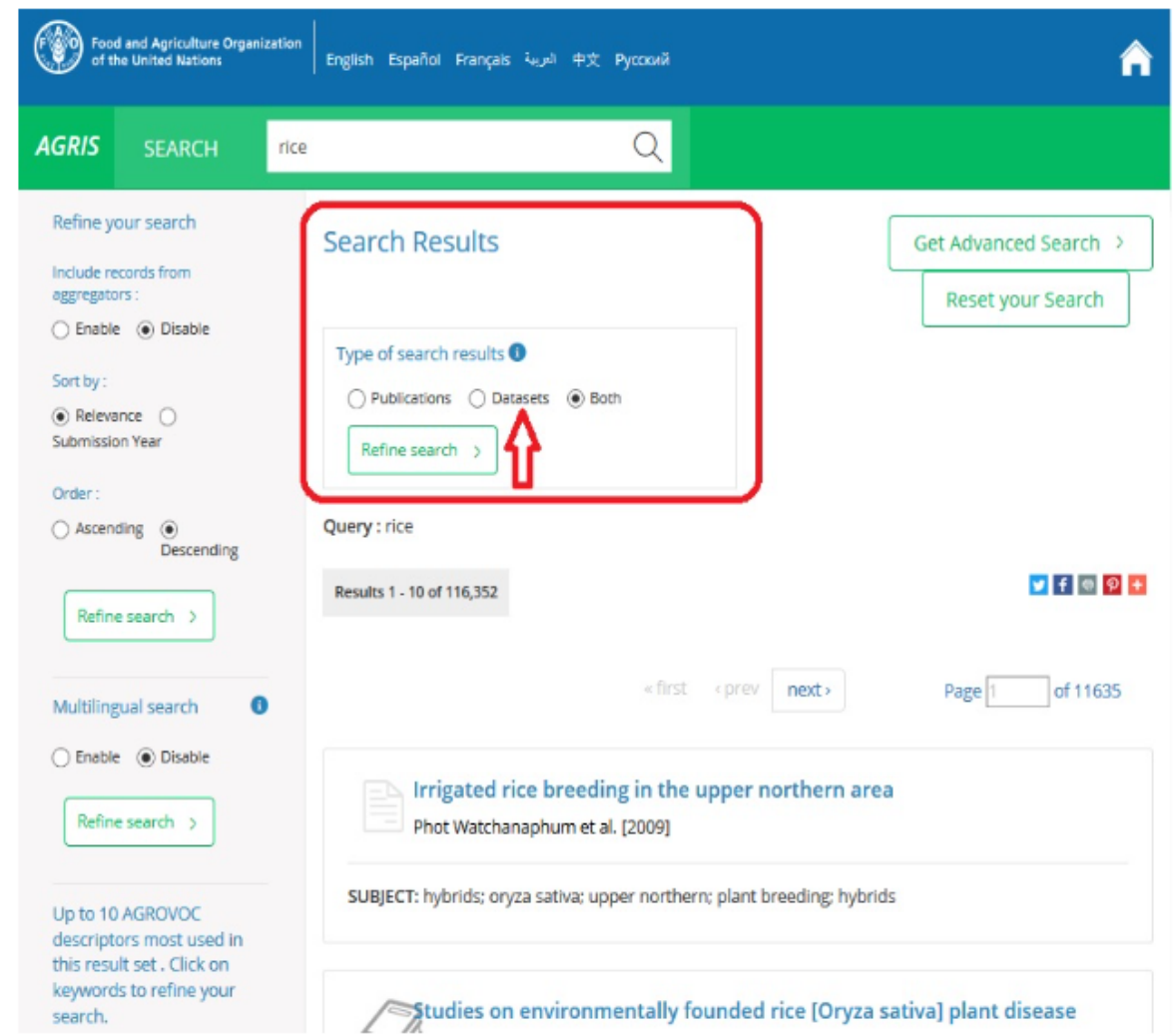
data

SHARE



Searching for datasets on AGRIS

There are two possibilities to search for datasets in AGRIS:- (i) refine the results of the simple search; and (ii) the advanced search functionality of AGRIS.



Once you have started a simple search by adding keywords to the search bar on the homepage, you will get a list of search results. On top of this list, there is a box to filter the search results for publications, datasets or both. By default, both categories are shown, but you can click on "Datasets" and then on "refine search" to show only datasets.

Our workshop will

- Discuss how to enhance the accessibility and visibility of scientific publications in Europe and Central Asia using AGRIS.
- Look at the use of AGRIS, in particular in the context of research data in agriculture, with the objectives of enhancing knowledge sharing, the visibility of and access to agricultural sciences and the technical content of agricultural research worldwide.
- Identify challenges and possible solutions
- Strengthen the AGRIS community in Europe and Central Asia and set priorities for the next few years.

Information about AGRIS

1. AGRIS Website : <http://agris.fao.org/>
1. Contributing bibliographic information to AGRIS <http://aims.fao.org/agris-network>
1. AGRIS Journal Papers – Search AGRIS at:
<http://eprints.rclis.org/cgi/search/advanced>
agris@fao.org