



Food and Agriculture
Organization of the
United Nations

How to improve consistency of AGRIS coverage

International System for Agricultural Science and Technology

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 consistency

Current status of the themes covered by AGRIS, challenges and opportunities

- Thematic areas, content types
- AGRIS data provider
- Requirement metadata records AGRIS
- Questions
- Example land data

The AGRIS Collection

- AGRIS core data initially focused on grey literature and later came to include papers, reports and other content types
- As for May 2019, AGRIS provides access to 9,978,296 bibliographic records and 1,528 datasets.
- Main languages are English, French, Spanish, Chinese, Italian, German, Japanese, Russian, Portuguese, Arabic, Korean, Farsi

Content types acceptable in AGRIS

- Thematic areas: agriculture, nutrition, food security, forestry, fisheries, rural development, biology, food systems, livestock production, natural resources and related topics
- Journal articles, monographs, book chapters, and grey literature - including unpublished science and technical reports, theses, dissertations and conference papers

AGRIS data provider

Eligibility: can contribute as institutional repository, journal publisher or as an aggregator.

Topics: Most important keywords that describe your data collection should be related to food, nutrition, agriculture, forestry, fishery, environmental or other related sciences and are included in the [AGROVOC thesaurus](#).

Requirement metadata records AGRIS

The minimum requirements for AGRIS metadata are specified in the **Meaningful Bibliographic Metadata (M2B) recommendations**. M2B provides data providers with a list of mandatory and recommended properties to be included in the metadata of bibliographic records.

AGRIS accepts common xml metadata formats like Crossref, DOAJ, Endnote, MARC21, Mendeley, METS, MODS, and PubMed.

The AGRIS team highly recommends to consider [LODE-BD Recommendations 2.0](#) in order to learn about different metadata terms that can be used to describe properties included in the record.

Questions

- What is the quality of a scientific publication and quality of an AGRIS-record?
- Who is responsible for it (author, publisher, data-provider)? If any quality control needs?
- Are some rules (selection criteria, bibliographic standards) and monitoring their implementation necessary?
- What is an unit of selection for AGRIS: the article or the magazine?

Land data information

The screenshot shows the AGRIS search interface. At the top, the Food and Agriculture Organization of the United Nations logo is on the left, and a home icon is on the right. The search bar contains the text 'land data'. Below the search bar, there are two buttons: 'Reset your Search' and 'Get Advanced Search >'. The search results are displayed in a list format. The first result is a dataset titled 'Inventory of online public databases and repositories holding agricultural data in 2017' by Parr, Cynthia. The second result is a dataset titled 'Major Land Resource Areas (MLRA)' by Soils Hotline. The left sidebar contains filters for refining the search, including options for including records from aggregators, sorting by relevance or submission year, and ordering ascending or descending. There are also multilingual search options and a list of AGROVOC descriptors.

Food and Agriculture Organization of the United Nations

English Español Français العربية 中文 Русский

AGRIS SEARCH land data

Refine your search

Include records from aggregators :
 Enable Disable

Sort by :
 Relevance Submission Year

Order :
 Ascending Descending

Refine search >

Multilingual search ⓘ
 Enable Disable

Refine search >

Up to 10 AGROVOC descriptors most used in this result set . Click on keywords to refine your search.

- land use (2556)
- data collection (1117)
- production data (977)
- remote sensing (851)
- agriculture (798)
- land races (640)
- farmers (602)
- cartography (582)

Search Results

Reset your Search Get Advanced Search >

Type of search results ⓘ
 Publications Datasets Both

Refine search >

Query : land data

Results 1 - 10 of 18,226

Twitter Facebook Email Print Plus

< first < prev next >

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D Dataset **Inventory of online public databases and repositories holding agricultural data in 2017**
Parr, Cynthia

United States agricultural researchers have many options for making their data available online. This dataset aggregates the primary sources of ag-related data and determines where researchers are likely to deposit their agricultural data. These data serve as both a current landscape analysis and also as a baseline for future studies of ag research data. Purpose As sources of agricultur ...

SUBJECT: database: agricultural data: data publication: data access: datasets

D Dataset **Major Land Resource Areas (MLRA)**
Soils Hotline

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