Presentation of a metadata set for the description of agricultural documents and document-like resources

The main objective of this paper is to ***develop and propose a metadata set description for document and document-like agricultural resources*** for the purpose of resource discovery and interoperability between and among uniquely and richly described agricultural resources. The project lies within the framework of a wider and more comprehensive proposal, that promotes a metadata set of core elements and qualifiers that are generic to the description of agricultural resources. (Descriptions would thus cover both project and document resources.) Preference is given to notation, vocabularies and terms that are currently used in describing agricultural resources. Full description of these elements can be viewed.

Important notice:

1. The element **Creator** has been revised to represent all the agent elements namely, ***Creator, Contributor and Publisher.***

2. Some attributes of elements that have been in the past considered necessary in resource description are not included in this description of a specific resource because this information is currently not considered as primary information that is important for discovery of a particular resource. However to include this information which is also important for resource discovery at a secondary level, ***Authority files*** shall be created and linked to the metadata. Element that will have Authority files include: ***Author, Researcher, Corporate Author, Publisher*** and ***Type***, qualifiers ***Event*** (Conferences, Workshops, Meetings)

The hierarchical notation presents the different levels of description which is noted by the use of different formats and colours as indicated in the legend below

Legend
Bold: DC Elements & Proposed elements for agricultural resources
<u>Underlined:</u>   Qualifiers for agricultural resource description
Italic: Sub-elements or attributes of the qualifiers
Blue: Attributes of sub-elements

The proposed levels of description are:
- DC & Proposed elements for agricultural resources
- Qualifiers
    1. Element refinement
    2. Encoding schemes
        - Sub elements of qualifiers

Recommended DC qualifiers are noted with prefix (DC) while the new qualifiers are noted with (new)

Proposed core elements and the qualifiers for agricultural resources description

1. Core element: Creator (new)

Qualifiers for Agricultural Resources

(DC) Corporate author
Name
(DC) Personal author
Name
(DC) Publisher
Name
(DC) Editor
Name
(DC) Compiler
Name

2. Core element: Rights

Qualifiers for Agricultural Resources

(DC) Statement
(new)Terms of use
(new) Patent

3. Core element: Title

Qualifiers for Agricultural Resources

(DC) Main title
(new) Title supplement
(DC) Alternative title

4. Core element: Relation

Qualifiers for Agricultural Resources

(DC) Is Part Of
part of monograph (AM)
(Unique identifier of related record. If URI should be PURL)
*part of monographic series (A*MS)
(Unique identifier of related record. If URI should be PURL)
*part of series (A*S)
(Unique identifier of related record. If URI should be PURL)
has part (analytical)

(Unique identifier of related record. If URI should be PURL)

(DC) <u>Edition</u>
    Version Of Monograph,
       (Unique identifier of other version)
     URI
       (Unique identifier if URI should be PURL)
(DC) <u>References</u>
       (Unique identifiers of related record. If URI should be PURL)
       (Unique identifiers of related language versions
    URI
       (If URI should be PURL)

5. Core element: Subject

Qualifiers for Agricultural Resources

(DC) <u>Subject classification</u>
    AGRIS subject Categories
    CABI Codes
    LCSH
    DDC
    LCC
    UDC

(DC) <u>Thesaurus</u>
    CABI Thesaurus
    AGROVOC Thesaurus
    NAL Thesaurus
    ASFA Thesaurus

6. Core element: Coverage

Qualifiers for Agricultural Resources

(DC) <u>Thesaurus</u>
    AGROVOC Thesaurus
    GTN
(DC) <u>Country codes</u>
    ISO 3166 country codes

7. Core element: Description

Qualifiers for Agricultural Resources

(DC) <u>Abstract</u>
(DC) <u>Table of contents</u>
(new) <u>Notes</u>
(new) <u>Holdings</u>
    Location
       Address
    Online

8. Core element: Date

Qualifiers for Agricultural Resources

(DC) Publication date
(DC) Date of Creation
(DC) Date of Modification

9. Core element: Identifier

Qualifiers for Agricultural Resources

URI
ISBN
ISSN
Report no.
Accession no.
Call no.
Patent no.
Job no.

10. Core Element: Language

Qualifiers for Agricultural Resources

(DC) Language of text
ISO 639 language codes

11. Core element: Type

Qualifiers for Agricultural Resources

(DC) Collection
Monographs
Serials
Monographic serials
Web Pages
Analyticals

(new) Document class
Publication
Non conventional
(new) Literary indicator
Grey Literature
Legislation
Standard
Bibliography

> > *Summary*
> > *Statistical data*
> > *Directory*
> > *Thesis*
>
> (DC) <u>Event</u>
> > C*onference*
> > *Training course*
> > *Workshops*
> > *Seminars*
> > *Consultations*
>
> (DC) <u>Images</u>
> > *Photograph*
> > *Film*
> > *Picture*
> > *Map*
> > *Slide*
> > *Microfiche*
> > *Video Cassettes*
>
> (DC) <u>Sound</u>
> > *Audio cassettes*
> > *Digital Audio*
>
> (DC) <u>Interactive Resources</u>
> > *CD-ROM*
> > *Web Forms*

12. Core element: Format

> **<u>Qualifiers for Agricultural Resources</u>**
>
> (DC) <u>Medium</u>
> > *Internet Media Type, (IMT*)
> > > Application
> > > Audio
> > > Image
> > > Text
> > > Video
> >
> > *Print*
> > *Electronic media*
> > > CD-ROM
> > > Diskette
> > > DVD
>
> (DC) <u>Extent</u>
> > *Collation*
> > > Pagination
> > > Duration

13. Core element: Target Audience (new)

> > *Policy makers*
> > *Planners*

Researchers
Research Institutions
Educational institutions
Students
Information intermediaries
Media

<u>***Note:***</u>

The new proposed core element, Target audience will be further developed to have a standardised list. It is currently under review.