

The ASPECT Best Practice Network Metadata Plugfest "Building Interoperability across Metadata Application Profiles"

Alberto Abián, Miguel Refusta



(Brussels- January 2011)

Overall guidelines

- Introduction Organic.Edunet project
- Ontologies and search mechanisms
- Organic.Edunet Application Profile
 - Mandatory, recommended and optional elements
 - Taxon path
- Conclusions

Introduction

- Organic.Edunet aims to facilitate access, usage and exploitation of digital educational content related to Organic Agriculture (OA) and Agroecology (AE).
- The main goal of this project is the deployment a multilingual online federation of learning repositories, populated with quality content from various content producers.
- The Organic.Edunet Web portal helps the end-users to search, retrieval, access and use of the content in a multilingual environment.

List of participants

- The consortium consists of 15 contractor organizations from 10 countries: Greece, Spain, Sweden, Norway, Austria, Estonia, United Kingdom, Hungary, Romania, Germany.

www.organicedunet.eu

Organic.Edunet
Learning material on organic agriculture in Europe

Home
Search
Network
Educational Scenarios
For schools
Quality Assurance
Repository Tool
About

Search language
All [v] Set

LOGIN
Username
Password
Remember Me
Log in
• Forgot your password?
• Forgot your username?
• Create an account

ORGANIC
ecology nature agriculture green biodiversity environment energy food security climate change

How to find resources? | How to contribute resources? | Collections and communities

Featured resource
★★★★★
Title: Water flow in plants
Description: Can water travel through plant stems? This simple experiment will help pupils find out.
Keywords: experiment, plant physiology, plant stems, water flow, water movement
Resource type: drill and practice
Add review | Add tag | Add rating

Browse
Find by subject
Text based search
search...
Resource type [v]
Educational level [v]
Search
Concept cloud
product policy entity
animal origin product
PROCESS processing
issue production issue

Organic.Edunet

Mandatory Elements

- 1.1 General.Identifier
- 1.2 General.Title
- 1.3 General.Language
- 1.4 General.Description
- 3.3 Meta-Metadata.Schema
- 3.4 Meta-Metadata.Language
- 4.1 Technical.Format
- 4.2 Technical.Size
- 4.3 Technical.Location
- 6.1 Rights.Cost
- 6.2 Rights.Copyright and Other Restrictions
- 6.3 Rights.Description

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 - 6.3 Rights.Description
- Automatically fulfilled by the annotation tool**

Ontologies

- Organic Agriculture and Agroecology ontology
- Learning Resource Type Ontology
- Countries, regions and languages (LRE Thesaurus)
- Semantic Predicates ontology
- IEEE LOM mapping ontology



Organic Agriculture and Agroecology ontology

```
<taxonPath>
  <source>
    <string language="en">Organic.Edunet Ontology</string>
  </source>
  <taxon>
    <id>
      http://www.cc.uah.es/ie/ont/OE-Predicates#Explains
      ::
      http://www.cc.uah.es/ie/ont/OE-OAAE#SoilDegradation
    </id>
  <entry>
    <string>Explains :: SoilDegradation</string>
  </entry>
</taxon>
</taxonPath>
```



TITLE:

Analyzing your school's energy consumption

DESCRIPTION:

Students will: 1. Define attributes of an energy efficient "green" school. 2. Identify areas of energy waste in their school by: a. comparing their school to that of a LEED certified school; b. identifying areas that are within the school's capacity to change; c. auditing the school's recycling program.

LEARNING RESOURCE TYPE: lesson plan

INTENDED USER ROLE: teacher

CONTEXT: compulsory education

TYPICAL AGE RANGE CONTEXT: Grades 9-12 (lesson can be modified for lower grades)

XML



General

Life Cycle

Meta metadata

Technical

Educational

Rights

Annotation

Classification

Questions

Web Portal: <http://www.organicedunet.eu>

E-mail: alberto.abian@uah.es

E-mail: miguel.refusta@uah.es