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Open repositories as social networks: the case of VOA3R

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► To cite this version:

Diane Le Henaff, Miguel-Angel Sicilia, Laura Gavrilut. Open repositories as social networks: the case of VOA3R. Open Repositories 2012, University of Edinburgh. Labo/service de l'auteur, Edinburgh, GBR., Jul 2012, Edinburgh, United Kingdom. hal-02806674

HAL Id: hal-02806674

<https://hal.inrae.fr/hal-02806674>

Submitted on 6 Jun 2020

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OPEN

VOA3R REPOSITORIES AS
SOCIAL
NETWORKS:
THE CASE OF
VOA3R

Virtual Open Access Agriculture & Aquaculture
Repository: sharing scientific and scholarly research
related to agriculture, food, and environment

VOA3R

In 6 mins
40 sec.

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Laura Gavrilut (Agroknow, Greece)

OUTLINES



- Science 2.0
- What is VOA3R?
- A bit more
- Implementation of the CERIF model
- Overview of the purposes
- Overview of the features
- Join our community





NEEDS

- ✓ To share research, find collaboration & funds
- ✓ To share his discoveries and favorited resources
- ✓ To be identified as an expert through his CV and results

= VOA3R purposes



SCIENCE 2.0



“Science 2.0 is the application of social networking technologies to the scientific process. [...] This open approach to science can be divided into three main areas:

- Sharing research
- Sharing resources
- Sharing results”

*Source: REBIUN (working group). Science 2.0: the use of social networking in research. Version. 2011
Report available on: <http://goo.gl/rVnjF>*

SCIENCE 2.0



- Sharing research: through **blogs**, academic **portals**, **social networks** or websites that specialize in openly posting hypotheses and experiments
- Sharing resources: via **social bookmarking**, **twitter**
- Sharing results: through **blogs**, **open archives** and **repositories**, **portals**



SHARING RESEARCH



Academia <http://www.academia.edu>
ResearchGate <http://www.researchgate.net>
NatureNetwork <http://network.nature.com>
MyExperiment <http://www.myexperiment.org>
Epernicus Network <http://www.epernicus.com>
MyScienceWork <http://www.mysciencework.com>

} Open multi-feature platforms
}
} Social networks (linked with publishers) for sharing research
}
} Social networks for institutions

SHARING RESOURCES

Zotero <http://www.zotero.org>
EndNote Web <http://www.endnote.com>
CiteUlike <http://www.citeulike.org>
Connotea <http://www.connotea.org>
Diigo <http://www.diigo.com>
Mendeley <http://www.mendeley.com>
Twitter <http://twitter.com>

SHARING RESULTS

Science Blogs <http://scienceblogs.com>
PLOS Blog <http://www.plos.org/cms/blog>
Nature blogs <http://blogs.nature.com>
Arxiv <http://arxiv.org>
PubmedCentral
<http://www.ncbi.nlm.nih.gov/pmc>
E-LIS <http://eprints.rclis.org>
ProdInra <http://prodinra.inra.fr>

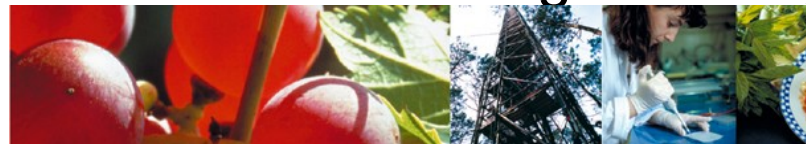
WHAT IS VOA3R ?



- An EU ICT-PSP funded project
- An aggregation of repositories



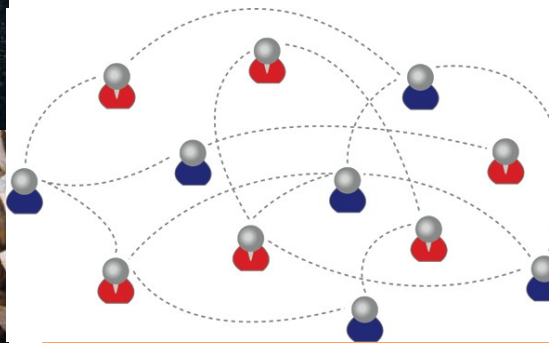
- Open Access content in the field of Agriculture, Environment



WHAT IS VOA3R ?



Sharing research,
resources & results



+ 500,000
resources



FAO FIAT PANIS	INRA	universiteit Hasselt	SVERIGES LANTBRUKSUNIVERSITET SLU	SVERIGES LANTBRUKSUNIVERSITET SLU
496737	10688	3736	3598	2640
ICROFS	CINECA Centres for Information Science	Ifremer		
12659	652	8989		
Cem@doc	WAGENINGEN UR	EFITA	EKT	



A BIT MORE...



Diane Le Hénaff

@lehenaff

What is **@VOA3R**? VOA3R=Open Access + Social Network in the field of Agriculture, based on a linked data architecture that require ontologies

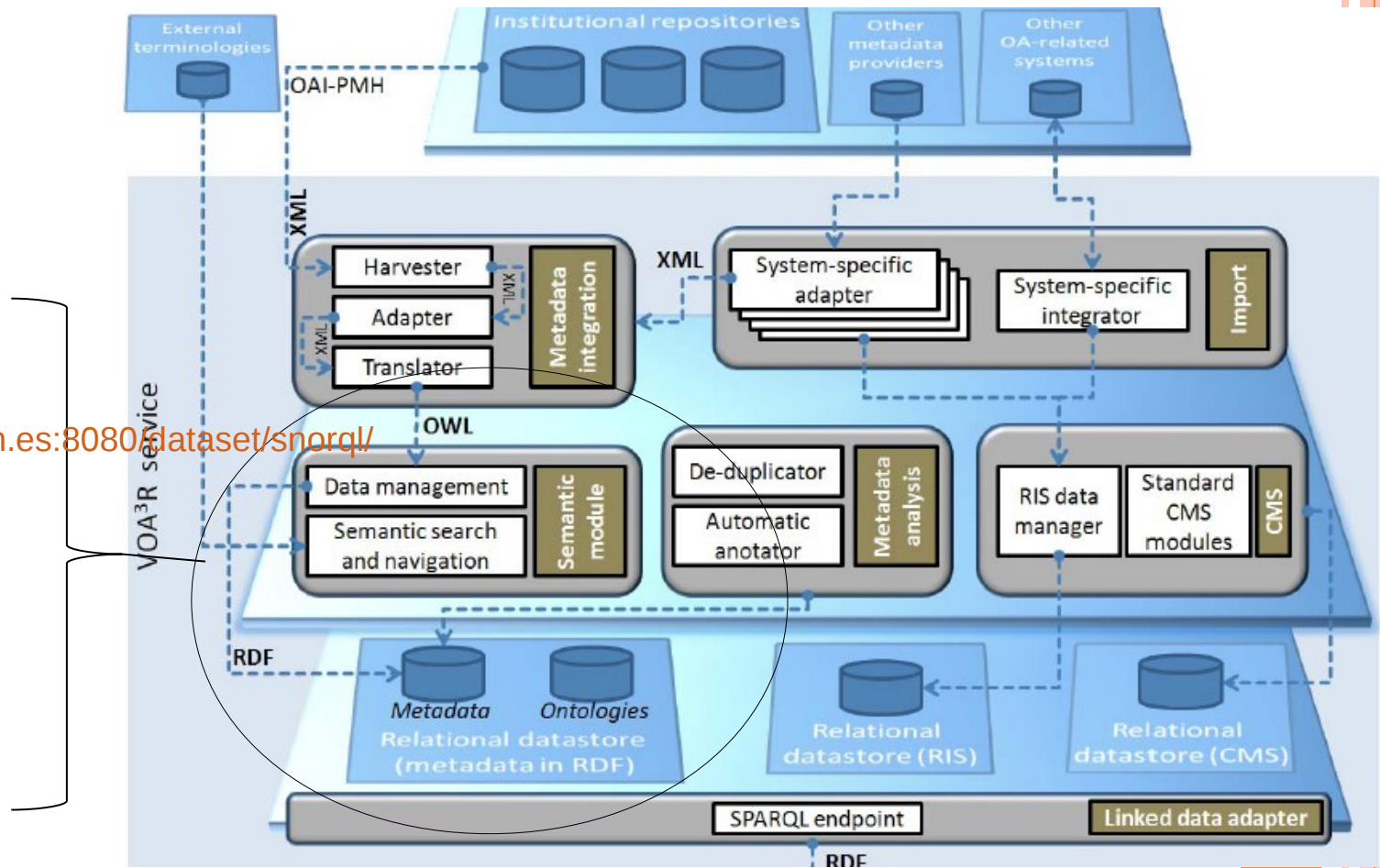
← Répondre  Supprimer  Favori

10:52 AM - 11 Oct, 11 via web



A BIT MORE...

- A Sparql endpoint:
<http://voa3r.cc.uah.es:8080/dataset/snorql/>
- Use of Agrovoc ontology
- Use of EuroCris ontology server



IMPLEMENTATION OF THE CERIF MODEL

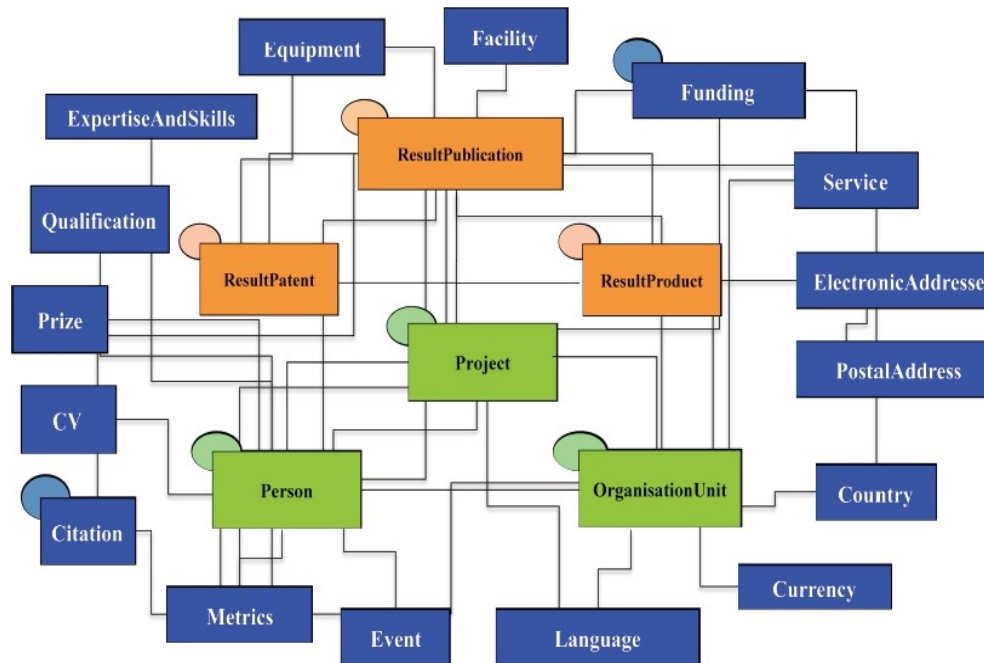


Figure 1: CERIF Entities and their Relationships

The VOA3R technical team has worked with Eurocris to enhance the previous Cerif 2008 model into the final CERIF 1.3 model



OVERVIEW OF THE PURPOSES



Practitioners

Students

Researchers

<http://voa3r.cc.uah.es>



OVERVIEW OF THE PURPOSES



Researchers



Practitioners



Students

- Access open access resources
- Discuss a resource
- Meet experts
- Discuss topics in a dedicated group (communities)



OVERVIEW OF THE FEATURES



The screenshot displays the VOA3R website interface. On the left, there is a navigation menu with options: Home, Social search, Publications, Providers, How to connect, and About us. Below this is a 'Members Login' section for 'Diane Le Hénaff' with a 'Log out' button. Further down is an 'Online Users' section showing '1 user and 14 guests online' and a 'Show All' link.

The main content area features a top navigation bar with tabs: Home, Your researches, Organizations, Projects, Profile, Friends, User communities, Videos, and Events. Below this is a user profile for 'Diane Le Hénaff' with a 'SHARE' button and tabs for 'Status', 'Videos', and 'Events'. A text input field contains 'Say what is on your mind...' and a 'Share' button.

The 'Recent activities' section shows a list of events: 'Diane Le Hénaff started a new discussion, Open Access for Applied research in Applied research group' with a quote: 'How different is the applied research vs fondamental research? As far as Open Access is concerned, I think that Applied Research is more competitive ...'; 'Diane Le Hénaff updated a new avatar for the group, Applied research'; 'Pascal Aventun and Charalamou are now friends' (12 days ago); 'Maxime Wotquenne and Charalamou are now friends' (12 days ago); and 'Ilse A. Rasmussen added a new video Bread Wheat in Resources, Disease, and Weed Management'.

On the right, there is a 'Members' section with tabs for 'Newest', 'Featured', and 'Active'. It displays a grid of member avatars, each labeled 'Researcher'. Below the grid is a 'View all members' link. At the bottom right, there is a 'Latest Groups' section with a blue image of a water droplet.

A large, tilted orange banner is overlaid on the bottom right of the screenshot, containing the URL: <http://voa3r.cc.uah.es>



OVERVIEW OF THE FEATURES



- Access open access resources
- Discuss a resource
- Discuss topics in a dedicated group
- Meet experts

[Add to my personal collection](#) [Access to the resource](#) [Share this](#)

Analysis of energy requirement for vegetable oil production in Northern Thailand farms

by *Nakorn Tigayawong, Archai Pittayapak, Wasan Jompakdee*
Date: 2012-05-24
Language of the resource: en

Abstract

Because most energy intensive farm operations use diesel powered equipment, this has created substantial interest in vegetable oil as an alternative source of fuel for agriculture. It is, therefore, important to establish that the energy required for vegetable oil production is less than the energy content of the vegetable oil as fuel. This paper describes the evaluation of the energy output/input ratio for vegetable oil production in Northern Thailand small local farms. The energy ratio is defined as the ratio between energy content of fuel and total energy inputs to produce it. Vegetable oils studied in this project are from groundnut and soybean seeds. Data collection is carried out by field survey and personal interview with farmers and industrialists. The results indicated that existing oil production system produced more energy than that used as production inputs. From an energy budget view, it is therefore feasible to produce vegetable oils to use as a substitute for diesel fuel in local farms.

[Promote this resource](#)
[Discuss about this resource](#)

Experts annotations

[+ Add annotation](#)

Authors in VOA3

No user in VOA3 this publication.

[+ Claim pub](#)

Search

Content Rating

Average Rating: 4 stars




Applied research

Research should be open and accessible to society and facilitate exchange and furtherance of knowledge in the scientific community...

Created on: Monday, 20 June 2011

3 Members 2 Discussions 1 Wall Post



Organic Farming

Organic farming is the form of agriculture that relies on techniques such as crop rotation, green manure, compost and biological pest control to maintain soil productivity and control pests on a farm. Organic farming excludes or strictly limits the use of manufactured fertilizers, pesticides (which include herbicides, insecticides and fungicides) ...

Created on: Friday, 20 May 2011

16 Members 4 Discussions 4 Wall Posts

SEARCHING FEATURES



- Tag cloud & browse

- Basic & author searching options

- Navigational search

- Social search to find out people

A tag cloud of search features. The tags are arranged in several rows and include: PROTECTION, food security, social aspects, crop combinations and interactions, policy environments and social economy, regulation, CROP HEALTH, PULSES AND OILSEEDS, CEREALS, standards and certification, "organics" in general, QUALITY, weed management, animal husbandry, environmental aspects, FEEDING AND GROWTH, farm economics, biodiversity and ecosystem services, production systems, food quality and human health, COMPOSTING AND MANURING, markets and trade, CROP HUSBANDRY, health and welfare, AIR AND WATER EMISSIONS, GENETICS AND PROPAGATION, DAIRY CATTLE, food systems, EDUCATION, BREEDING, pasture and forage crops, packaging and transportation, values, knowledge management, recycling, EXTENSION AND COMMUNICATION, poultry, surveys and statistics, balancing and resource management, processing.

The VOA3R navigational search interface. It features a search bar at the top with the text "VOA3R navigational search" and a green arrow icon. Below the search bar is a grid of 28 buttons, each with a category name and a dropdown arrow. The categories are: methods, products, technology, time, processes, properties, organisms, measure, phenomena, substances, subjects, activities, entities, objects, events, systems, location, strategies, stages, state, site, features, factors, resources, and groups. To the left of the grid is a "start point" button. Below the grid is a "Searching by.." label. At the bottom of the interface is a large orange box with the text "Drag any element here to start searching!" and a "[reset navigation]" link.

JOIN OUR COMMUNIT

<http://voa3r.cc.uah.es>



Create your profile on VOA3R

Welcome back, Diane Le Hénaff

SHARE Status Videos Events

Say what is on your mind...

5 Groups 28 Friends 47 Activities 1 Organizations 2 Projects 8 Publications

About Me

Basic Information	Contact Information	Education
Birthdate: 09/11/1973	Address: INRA	College / University: Université de Versailles Saint-Quentin-en-Yvelines
About me: Currently: Information Management Project Officer & Team Leader, IRRA	State: 78100	Graduation Year: MSc
Previously: Lecturer in Master of Scientific Information, Université de Versailles St. Quentin-en-Yvelines ILS assistant project manager, IRD	City / Town: Versailles	Country: France
	Website: http://www.inra.fr	

Certif Profile

Gender: Female
Url: fr.linkedin.com/in/lehenaff
Key words:
Research Interests:

Projects

Virtual Open Access Agriculture and Aquaculture Repository (VOA3R)
2010-06 - 2011-05
Demonstrating the potential of a multilingual Web portal (Organic.Lingua)

Profile Completion: 90%

Tips to complete your profile:
Add key words to your profile (+5%)
Show your research interests (+5%)

Profile Rating: 9 votes

User Stats

Karma: 63 points

Member since: Monday, 13 June 2011 14:10

Last online: 43 minutes ago

Profile views: 125 views

Profile Type: Non-specific

Friends



JOIN OUR COMMUNIT

<http://voa3r.cc.uah.es>



Provide content through your OAI repository

Your open access institutional or thematic content can be harvested and be made available through the VOA3R platform.

An OAI compliance is required. Formats accepted are:

DC, MODS, AgRes AP, Agris AP.

Your records shall describe research results in the fields of Agriculture, Environment, Aquaculture, Food, Viticulture...



THANK YOU!



The VOA3R project dream team

**Contact me:
VOA3R dissemination manager
lehenaff@versailles.inra.fr**

