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Enhanced visibility and access to Inra's publications on a subject (landscape ecology) through open archive

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HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

ENHANCED VISIBILITY AND ACCESS TO INRA'S PUBLICATIONS ON A SUBJECT (LANDSCAPE ECOLOGY) THROUGH OPEN ARCHIVE.

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Contents

- Introducing Inra
- Open Access Strategy
 - ✓ Publications and Business Models
 - ✓ Prodinra : an Open Archive integrated in the Institute information system
- Key factors to Open Access
- What about the thematics « landscape ecology »?
- Other OA initiatives: Dspace-Avignon and Symposciences

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Introducing INRA

- INRA is ranked **2nd in the world and 1st in Europe** for publications in agricultural, plant and animal sciences.
- INRA carries out mission-oriented research for high-quality and healthy food, competitive and sustainable agriculture and a preserved and valued environment.
- INRA encourages a **multidisciplinary** approach to research.
- Persons
 - ✓ 1,828 researchers
 - ✓ 1,784 doctoral students work at INRA
 - ✓ 1,000 foreign researchers come to INRA every year.
 - ✓ Research equipment, experimental facilities are managed by a 7000 engineers and technicians.

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Inra Open Access Strategy (1)

- Inra has signed the international Berlin convention promoting Open Access
- Inra has developed since 2005 an institutional open archive : Prodinra
- Eight journals led by Inra
 - ✓ retrospective digitization of back issues freely available
 - ✓ Hybrid journals experiments (for one or two journals)
- Partnership with other archives (HAL, REPEC, VOA3R)

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Inra Open Access Strategy (2) Inra journals

■ Hybrids journals

- ✓ Open Choice = possibility for authors to make their papers **freely available** to all interested readers (subscribers or non subscribers)
- ✓ discount fee of 550 € (out of 1500-2000 €) per article in 2008

■ Retrodigization

- ✓ Le Lait - Dairy Science and Technology : archives from 1921
- ✓ Agronomy for Sustainable Development : archives from 1981
- ✓ Annals of Forest Science : archives from 1980
- ✓ Apidologie : archives from 1970

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Inra Open Access Strategy (3) Institutional Open archive

Nov 2006 : Prodinra 1 open archive with records of our oldest database

2010 : Next Version Prodinra 2.0

Linked to

HAL (National French institutional Archive)

Thematic repository (Repec, Orgprints, VOA3R)

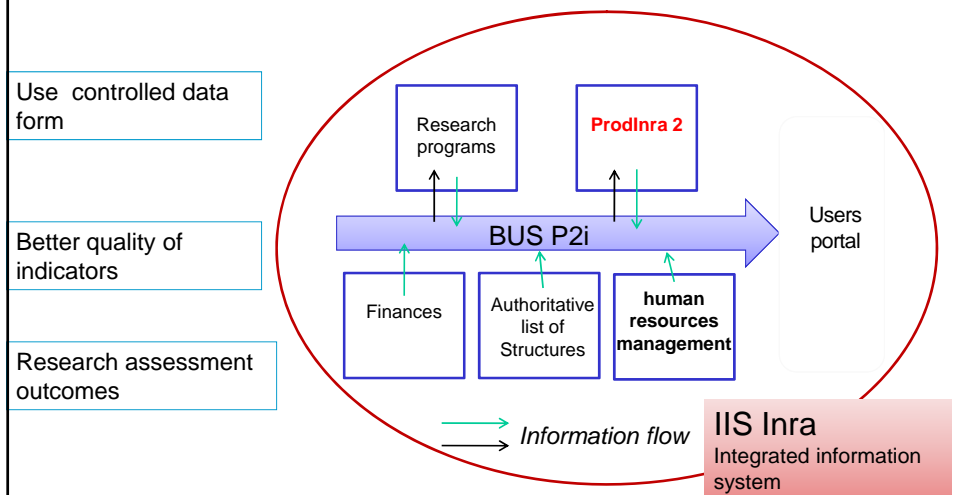
	Date	references	Full Text enclosed (OA + intranet embargo, confidential)	Full Text : OA
In three years	Oct. 2006	101 214	0	0
	Sept. 2009	120 953	4 498	3 591

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ProdlInra in the information System

ProdlInra 2 will become an applicative component of our integrated information system (IIS)



Key factors for success to self-deposit in Open archives

- 2010 : ProdlInra policy oriented to consolidate records with full text.
- Large communication to researchers
- Assistance for deposit (Inra network – 100 documentalists)
- Clear and easy to use (ergonomy)
- Benific visibility (time accessed, time cited, accessed for all publics) data available in thematic repositories such as Agris (FAO) and VOA3R (new european program)
- Facilitate importations (inputs) and data exploitations (outputs)
- Close to thematics, through controlled keywords : for example landscape ecology

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Identify Thematic Portals

- Problem
 - ✓ INRA needs its whole production in the Institutional open archive but !
 - ✓ Researchers also want to be identified in thematic open archives
- Which solution ?
 - ✓ Duplicate deposit ?
 - ✓ If Not which archive should be preferred ?

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Identify Thematic Portals (2)

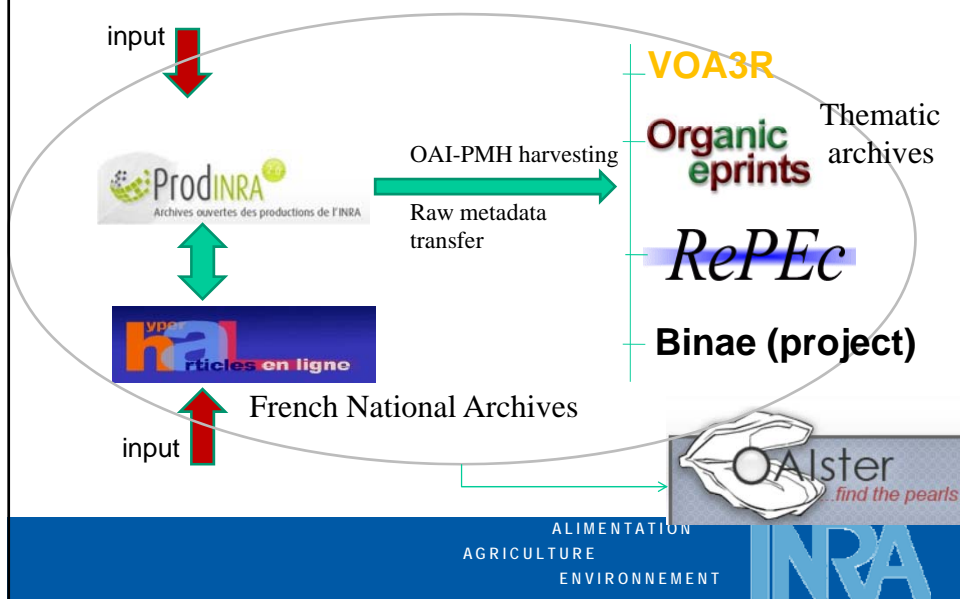
Proposed Solution :

- Give priority to the institutional archive which allows outputs and institutional services (reference lists, indicators).
- Enable document metadata transfer from institutional to thematic archives

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Identify Thematic Portals (3)



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Identify Thematic Portals (4)

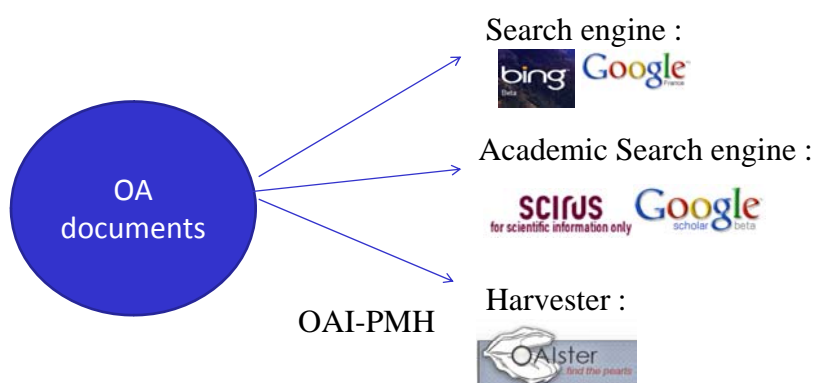
VOA3R - Virtual Open Access Agriculture & Aquaculture Repository

- European Project (grant 4 millions euros)
- Create a european thematic portal in agronomy and environment sciences
- Integration of existing open archives systems
- Using protocols as OAI-PMH for interoperability
- Inra (with Prodinra) is one of the partners

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Visibility = search engine indexing



OAI-PMH = Open Archive Initiative- Protocol for Metada Harvesting

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Develop strategies in terms of choice of tools.

- Open source software can be used to build an open archive (example Eprints, Dspace)
- But we needed a tool
 - ✓ integrated in our institutional information system
 - ✓ Suitable for other electronic documents management (ex administrative, assessment documents)



Filenet software completed with informatic development

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Landscape Ecology

- A topic very important for different communities (researchers, politics, technicians...) because of its implications in environmental policy (climate changes, biodiversity)
- 2000-3000 international articles (Web of science)
 - ✓ Easy access for researchers who can have academic access to publications
- Many other « hidden » documents (thesis, conference, report, courses) are written in this thematic

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Journal article without full text in open access

researchers		Institutionnal Access
politicians		}
technicians		
General public		

Impact factor 2008 : 4,56
Ecology Category 16/124

Lavigne, C. ; Klein, E. ; Mari, J.F. ; Le Ber, F. ; Adamczyk, K. ; Monod, H. ; Angevin, F.




How do genetically modified (GM) crops contribute to background levels of GM pollen in an agricultural landscape?

Journal of Applied Ecology. 2008, 45 (4) : 1104-1113

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Journal article with full text in open access

researchers		Institutionnal Access,  Prodinra oaister
politicians		}
technicians		
General public		

Impact factor 2008 : 3,47
Rank in Ecology Category
25/124

Fallour-Rubio, D. ; Guibal, F. ; Klein, E.K. ; Bariteau, M. ; Lefèvre, F.

Rapid changes in plasticity across generations within an expanding cedar forest

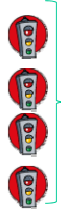
Journal of Evolutionary Biology. 2009, 22 (3) : 553-563

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Conference without full text in open access

researchers
politicians
technicians
General public



Access to reference only

Restoux, G. ; Pichot, C. ; Klein, E.K. ; Fady, B.
How do genetic and ecological factors explain the number of empty seeds for a European conifer (*Abies alba*, Mill.)
[Communication orale (résumé)]. 2. Seed Ecology. Seeds and the environment ; 2007/09/09-13 ; Perth WA (AUS). 2007. **Oral communication**

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Conference with full text in open access

researchers
politicians
technicians
General public



Prodinra, oaister, google

Delattre, T. ; Le Fréon, V. ; Vannier, C. ; Vasseur, C. ; Boussard, H.
Paysage et interdisciplinarité : regards croisés sur la Zone Atelier de Pleine-Fougères en Bretagne
[Communication écrite]. 1ères journées doctorales en Paysage ; 2008/12/03 ; Angers (FRA). 2008. 17p

Conference paper, written communication

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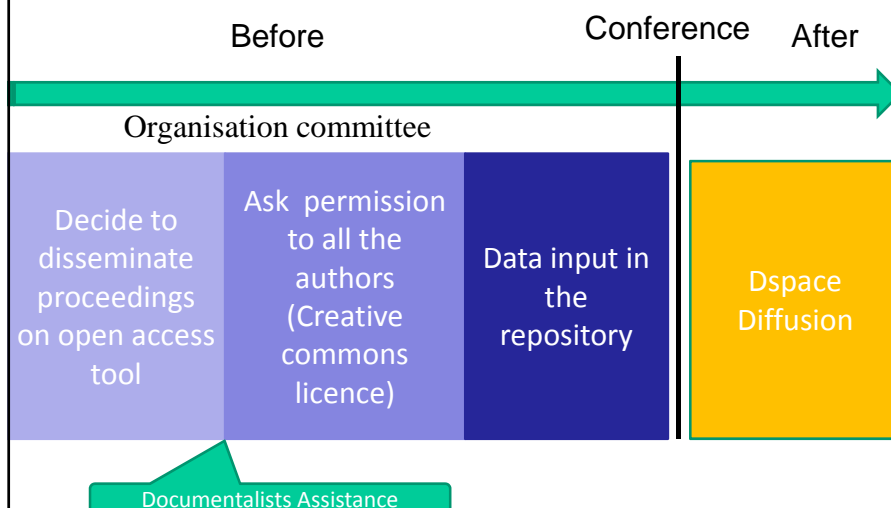
An example of local tool to enhance visibility : Dspace-Avignon

- Open source software (MIT and HP)
- Allows to create document collections and to restrict access to defined communities or open full text for anybody
- Local project at Inra Avignon Centre
- <http://www.avignon.inra.fr/dspace>

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Conference proceedings in Dspace-Avignon



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DSpace Avignon


Digital documents Archive in agronomy science
Entrepôt de documents numériques en sciences agronomiques

Home: DSpace, INRA Avignon >

Cucurbitaceae 2008 - IX EUCARPIA Meeting - Avignon 21-24 May 2008

Search for: Go
 or browse:

Proceedings of the IXth EUCARPIA International Meeting on Cucurbitaceae, organized by INRA in Avignon (France) from the 21st to the 24th May 2008. All oral communications and posters that have been presented during Cucurbitaceae 2008 are distributed as pdf files.


Collections in this community / Collections dans cette communauté

- [Miscellaneous documents](#) [1]
 Documents related to the registration, to the call for papers, to the field trips and to the social event.
- [Oral session I : Genetic resources and diversity](#) [6]
 Oral communications presented on Wednesday 21 May 2008 during the session
- [Oral session II : Genetics and breeding](#) [6]
 Oral communications presented on Wednesday 21 May 2008 during the session
- [Oral session III : Pest and disease resistance](#) [9]
 Oral communications presented on Wednesday 21 May 2008 during the session

Recent Submissions

- [List of participants](#)
- [Histological study of shoot organogenesis in melon \(Cucumis melo L.\) after genetic transformation](#)
- [Improving the genetic transformation efficiency of Cucumis melo subsp. melo 'Del de Sapo' via Agrobacterium](#)
- [Characterization of watermelon fruitlet development](#)
- [Possible involvement of CaTYP1 in reproductive organ development of cucumber \(Cucumis sativus\)](#)

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Another example : Symposciences

- French portal for conference paper diffusion in open access
- Commercial service for editing papers
- Publisher : Quae editions

Symposcience.org
 Proceedings Cemagref, Cirad, Ifremer, Inra

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 The new distribution site for Cemagref, Cirad, Ifremer and Inra publications.

Conferences list

- De l'observation des écosystèmes forestiers à l'information sur la forêt
- Les nouvelles figures des marchés agroalimentaires
- Les mondes ruraux à l'épreuve des sciences sociales
- Séminaire de restitution de l'AIP « OGM et environnement »
- Partenaires pour construire des projets de sélection participative
- Information et technologie pour la production durable des fruits et légumes PRUTIC 05. Information and technology for sustainable fruit and vegetable production
- L'évolution du conseil en agriculture et les métiers du développement
- De la connaissance des paysages à l'action paysagère From knowledge of landscapes to landscaping action

Advanced search

Sympo

Open access news – sept 30, 2009

- Providing open access to agricultural research in India will help drive development and reduce poverty, says Bruce Alberts, editor-in-chief of *Science*
- Universities and libraries subscribe to only a fraction of the roughly 25,000 peer-reviewed journals (Steven Harnad)
- This means "**research is having only a fraction of its potential usage and impact**".

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Conclusion

- Inra goal is to give a large access to its researchers publications by enhancing self deposit in open archive
- And also use Prodinra as institutional services for research assessment
- Many institutions are doing actions for self deposit (20 millions documents in OAISTER)
- Open access and self deposit is the solution for a wide dissemination of knowledge in a thematic approach (landscape ecology)

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Thanks for your attention

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