



Making Open Access work for the CREA F

Tomàs Fabregat

Science & Technology Library-UAB

6/3/2015

Available at: ddd.uab.cat/record/130357

Today's agenda

- Open Access
 - Green, Gold and Hybrid
 - Funder's policies
- Licensing: Free access, Creative Commons & versions
- Your institutional repository: Dipòsit Digital de Documents (DDD)
 - Benefits
 - CREAM flow-chart : a proposal
 - A test case: IMBALANCE-P
- Beyond Open Access
 - ORCID
 - What's next: Portal de la Recerca de Catalunya
- Questions



Why Open Access?

- ✓ Authors should retain part of the exploitation rights
- ✓ Journals subscription fees increase every year
- ✓ Public institutions must pay for access their own research output

public funded knowledge access should be free

What is Open Access?

By Open Access, we mean the free, immediate, availability on the public Internet of those works which scholars give to the world without expectation of payment – permitting any user to read, download, copy, distribute, print, search or link to the full text of these articles, crawl them for indexing, pass them as data to software or use them for any other lawful purpose.

Source: <http://www.sparc.arl.org/resources/open-access/why-oa>



Photo credit: Open Access [PLOS](#) /
[Wikimedia Commons](#) / CC BY-SA 3.0

OA options

[BioMed Central](#) (Springer) / [How much](#) 1500 – 2500 USD

[Hindawi Publishing Corporation](#) / [Article Processing Charges](#) (APC) 600 – 2000 USD

[PloS](#) / [Fees](#) 1350 – 2900 USD

[Elsevier](#) / Open access fee is paid by the author

[Pirineos. Revista de ecología de montaña](#) / No fee, no APC



5/160 (4/11/14)

Self-archiving

Green policy

Example: [Searching on Google Scholar](#)

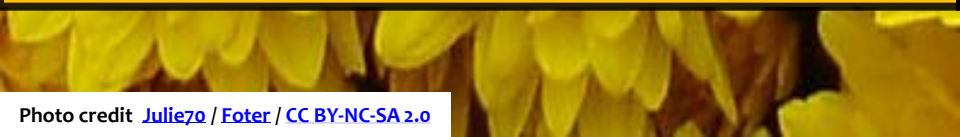
Two initial strategies...



GOLD



GREEN



6

... And the third one

HYBRID
(example)

Funder policies



- ✓ Ley de la Ciencia, 14/2011, art. 37
- ✓ From 2011
- ✓ For theses and dissertations
- ✓ For public research
- ✓ 12 months embargo for Green



Plan Estatal de Investigación Científica y Técnica y de Innovación 2013-2016

- ✓ **Retos** (art. 6, ap. 2 and art. 20, ap. 7g)
- ✓ **Excelencia** (art. 6, ap. 3)

- ✓ From 2013
- ✓ 6-12 months embargo for Green
- ✓ It is mandatory



- ✓ From 2012
- ✓ 6 months embargo for Green

Where?

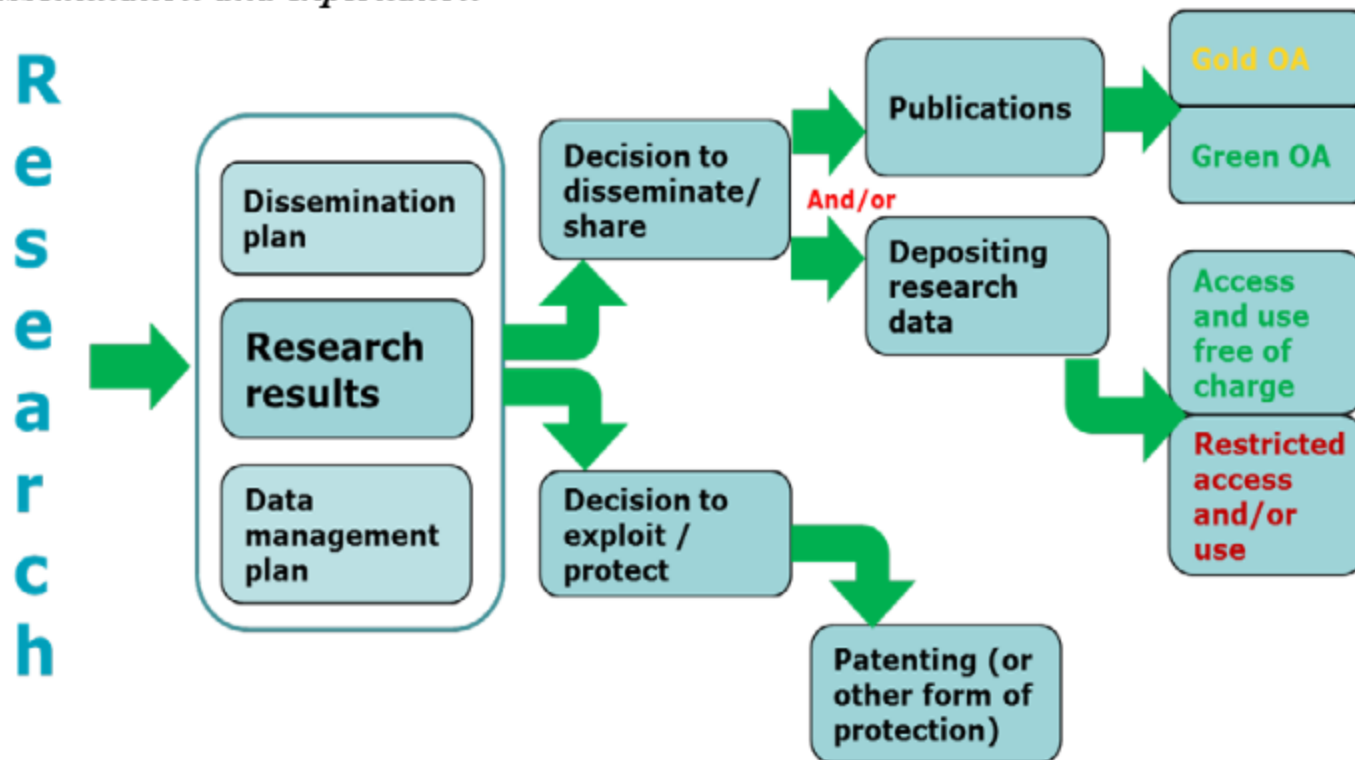
In a Digital Repository

“A trusted digital repository is one whose mission is to provide reliable, long-term access to managed digital resources to its designated community, now and in the future.”

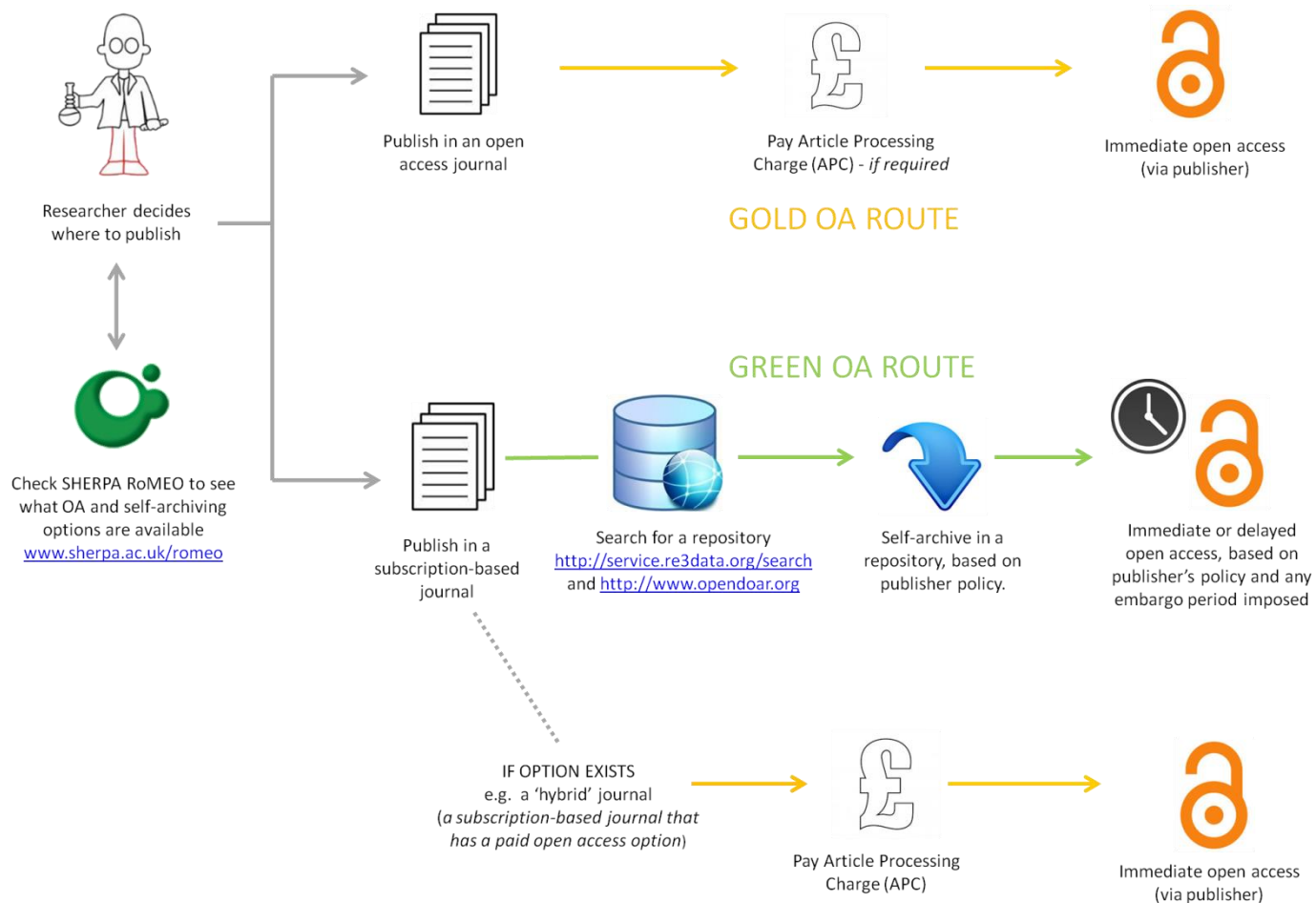
Source: <http://www.oclc.org/content/dam/research/activities/trustedrep/repositories.pdf?urlm=161690>

What?: dissemination diagram

Graph: Open access to scientific publication and research data in the wider context of dissemination and exploitation



How?: OA diagram



What's the Publisher copyright policy about self-archiving?



... opening access to research

[Home](#) • [Search](#) • [Journals](#) • [Publishers](#) • [FAQ](#) • [Suggest](#) • [A](#)

Search - Publisher copyright policies & self-archiving

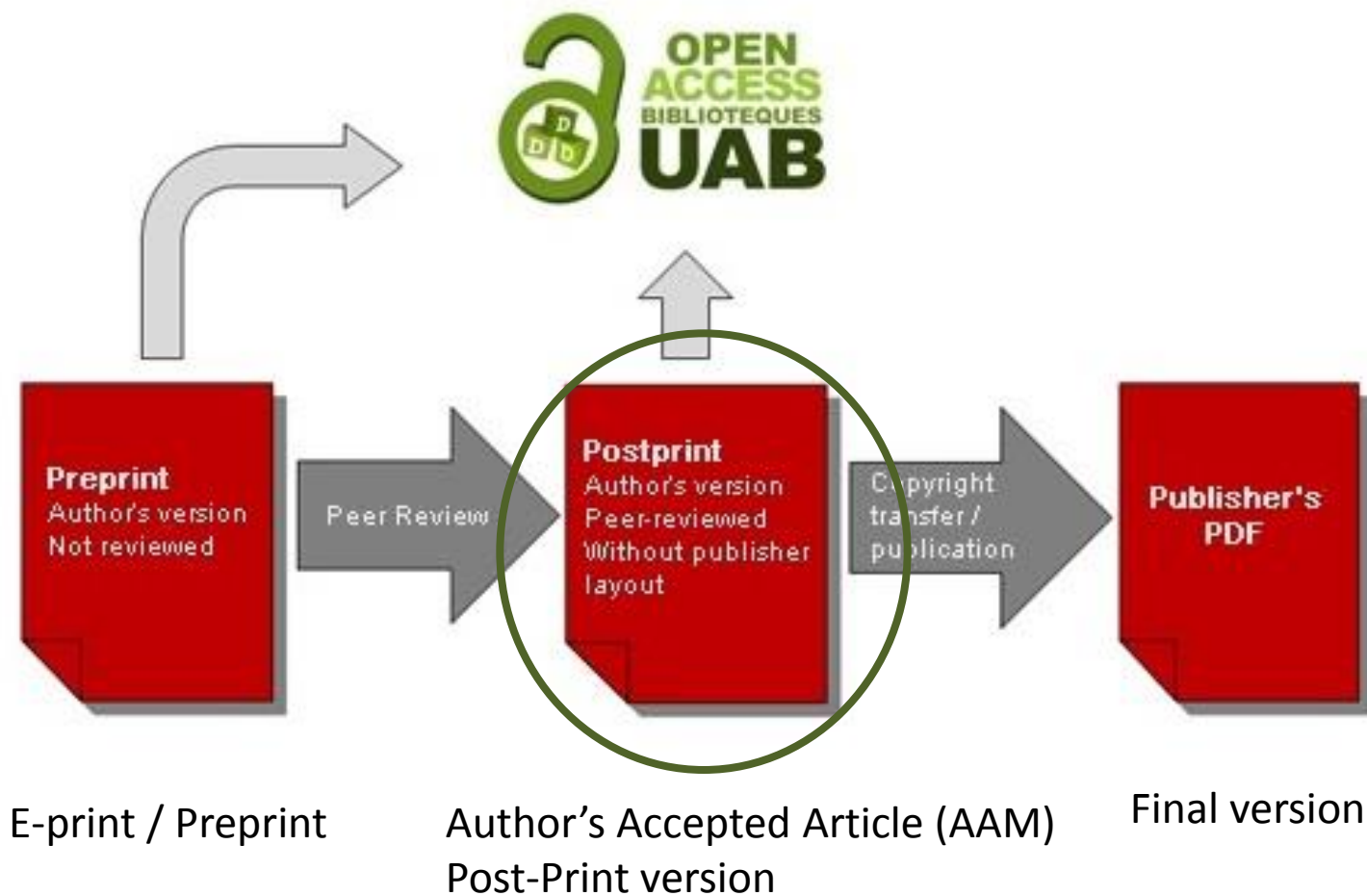
[English](#) | [Español](#) | [Magyar](#) | [Português](#)

One journal found when searched for: **catena**

Journal:	CATENA (ISSN: 0341-8162)
RoMEO:	This is a RoMEO green journal
Paid OA:	A paid open access option is available for this journal.
Author's Pre-print:	✓ author can archive pre-print (ie pre-refereeing)
Author's Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
Publisher's Version/PDF:	✗ author cannot archive publisher's version/PDF
General Conditions:	• Pre-print allowed on any website or open access repository • Voluntary deposit by author of authors post-print allowed on authors' personal website, arXiv.org or institutions open scholarly website including Institutional Repository, without embargo, where there is not a policy or mandate • Deposit due to Funding Body, Institutional and Governmental policy or mandate only allowed where separate agreement between repository and the publisher exists. • Permitted deposit due to Funding Body, Institutional and Governmental policy or mandate, may be required to comply with embargo periods of 12 months to 48 months . • Set statement to accompany deposit • Published source must be acknowledged • Must link to journal home page or articles' DOI • Publisher's version/PDF cannot be used • Articles in some journals can be made Open Access on payment of additional charge • NIH Authors articles will be submitted to PubMed Central after 12 months
Mandated OA:	(Awaiting information)
Paid Open Access:	Open Access
Notes:	• Publisher last contacted on 18/10/2013
Copyright:	Article Posting Policies - Rights & responsibilities - Funding Body Agreements - Green Open Access - Open Access License Policy Green Open Access - Elsevier Journal Specific Embargo Periods
Updated:	16-May-2014 - Suggest an update for this record
Link to this page:	http://www.sherpa.ac.uk/romeo/issn/0341-8162/
Published by:	Elsevier - Green Policies in RoMEO

Post-print version can be archived on an institutional repository without embargo (Elsevier [Green Open Access policy](#))

Which article version?



What's DDD...

- ✓ Showcases the UAB research output
- ✓ Increases the visibility, access, impact and use of UAB research
- ✓  dipòsit digital de documents de la UAB
- ✓ Standard metadata (interoperable and scalable)
- ✓ Makes the most of digital archiving

In front of...

- ✓ Document sharing platforms, personal and institutional websites
- ✓ No metadata standards compliant
- ✓ No long-term preservation warranties
- ✓ Intended to authors instead of the institutions as whole
- ✓ Licensing issues

Licensing: Creative Commons



cc_by_3.0

This license lets others distribute, remix, tweak, and build upon your work, even commercially, as long as they credit you for the original creation.



cc_by-nc_3.0

This license lets others remix, tweak, and build upon your work non-commercially, and although their new works must also acknowledge you and be non-commercial, they don't have to license their derivative works on the same terms.



cc_by-nc-nd_3.0

This license is the most restrictive of our six main licenses, only allowing others to download your works and share them with others as long as they credit you, but they can't change them in any way or use them commercially.



cc_by-nc-sa_3.0

This license lets others remix, tweak, and build upon your work non-commercially, as long as they credit you and license their new creations under the identical terms.



cc_by-nd_3.0

This license allows for redistribution, commercial and non-commercial, as long as it is passed along unchanged and in whole, with credit to you.



cc_by-sa_3.0

This license lets others remix, tweak, and build upon your work even for commercial purposes, as long as they credit you and license their new creations under the identical terms.

RANKING WEB DE REPOSITARIOS

[Universidades](#)[Hospitales](#)[Escuelas de
Negocios](#)[Centros de
Investigación](#)
BUSCAR[INICIO](#)[AMÉRICA DEL NORTE](#)[LATINOAMÉRICA](#)[EUROPA](#)[ASIA](#)[ÁFRICA](#)[M. ÁRABE](#)[OCEANÍA](#)[POR ZONAS](#)[TOP INSTITUCIONALES](#)[TOP PORTALES](#)[Inicio](#) » [Europa](#)

Acerca de Nosotros

- [Acerca de Nosotros](#)
- [Contacta con Nosotros](#)

Acerca del Ranking

- [Metodología](#)
- [Objetivos](#)

Recursos

- [Buenas prácticas.](#)
- [Enlaces](#)



Europa

ranking	World Rank ▲	Instituto	Country	Tamaño	Visibilidad	Files Rich	scholar
1	1	Europe PubMed Central		1	4	1	1
2	6	CERN Document Server		3	14	2	6
3	8	HAL Sciences de l'Homme et de la Société		65	8	58	21
4	10	HAL Institut National de Recherche en Informatique et en Automatique Archive Ouverte		69	10	4	18
5	12	Digital CSIC		77	12	32	27
6	16	Katholieke Universiteit Leuven Lirias Repository		29	15	88	41
7	19	(1) Universitat Autònoma de Barcelona Dipòsit Digital de Documents		128	33	15	13
8	20	Universidade do Minho Repositorium		13	26	75	38
9	21	Universitat Politècnica de Catalunya UPCCommons		64	40	14	20
10	23	EconStor		124	50	10	14
11	24	University of Southampton Institutional Repository		18	28	116	80
12	25	Munich Personal Repec Archive		139	37	73	35
13	26	Université de Liège Open Repository and Bibliography ORBi		47	43	54	51
14	30	PhilPapers		72	44	364	19



Search 109,561 records for:

any field



Search

Search Tips
Advanced Search



Research
Groups

Narrow by collection:

- ☒ **Course materials** (42,845)
Student guides (18) Course programs (Study plans) (37,135) Exams (5,551) Teaching resources (141)
- ☒ **Books and collections** (2,343)
Books () Book chapters (149) Institutional documents (74) UAB Libraries guides (113) Radio scripts (22)
- ☒ **Research literature** (9,303)
Studies () Patents (82) Preprints (450) Doctoral theses (3,941) Bachelor's degree final project (424) Dissertations (2,668) Working papers ()
- ☒ **Periodicals** (1,900)
Annual reports (635) Newsletters (1,042) Journals (223)
- ☒ **Articles** (29,953)
Published articles (29,953)
- ☒ **Contributions to meetings and congresses** (659)
Papers and communications (475) Posters (38) Presentations (146)
- ☒ **Graphic documents** (6,829)
Posters (6,336) Pictures (155) Maps (83) Postcards (255)
- ☒ **Multimedia** (674)
Audio (108) UAB Libraries Exhibitions (348) Videos (218)
- ☒ **Personal and institutional archives** (15,167)
Bernard Lesfargues (336) David Rosenthal (6) Ferran Sunyer i Balaguer (1,159) Jaume Camps (488) Jaume Roca (319) Jordi Arbonès (948)
José Agustín Goytisolo (7,781) Pedro Pascual (1,451) Pere Calders (2,131) Societat del Gran Teatre del Liceu (548)

<http://ddd.uab.cat>

The library role: To do before archiving your papers

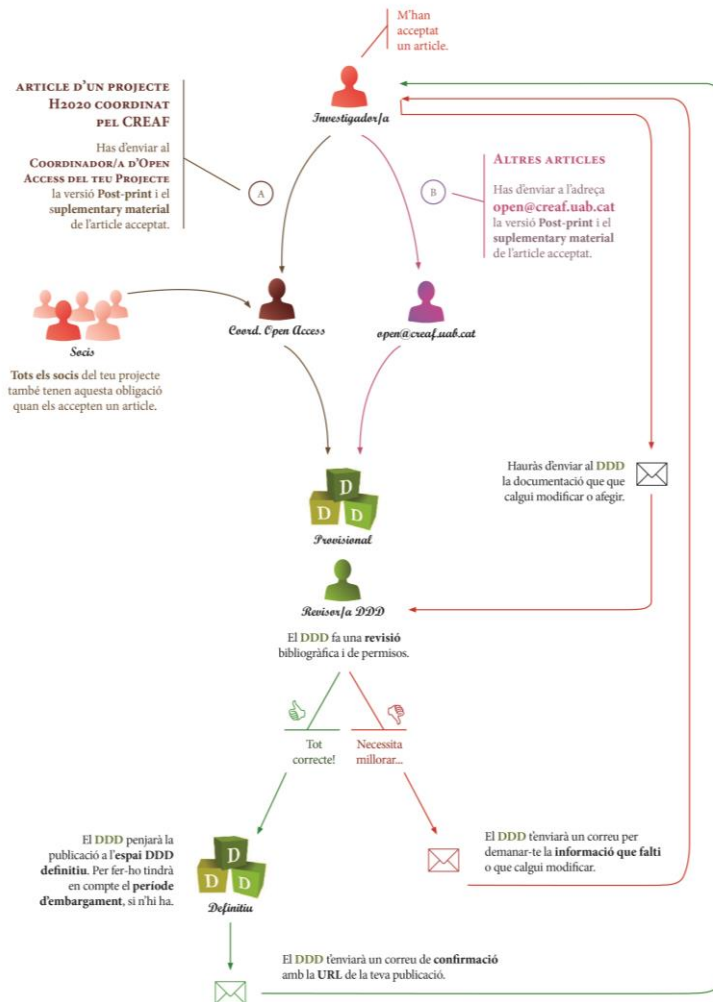
- Bibliographic data revision (names, affiliations, DOI, etc.)
- Check the Publisher Copyright Policy & Open Access: <http://www.sherpa.ac.uk/>
- When uploading a pre-print or a post-print version (paper, book or book chapter) the following header should be added

Post-print of : [Citation] submitted to [publisher]

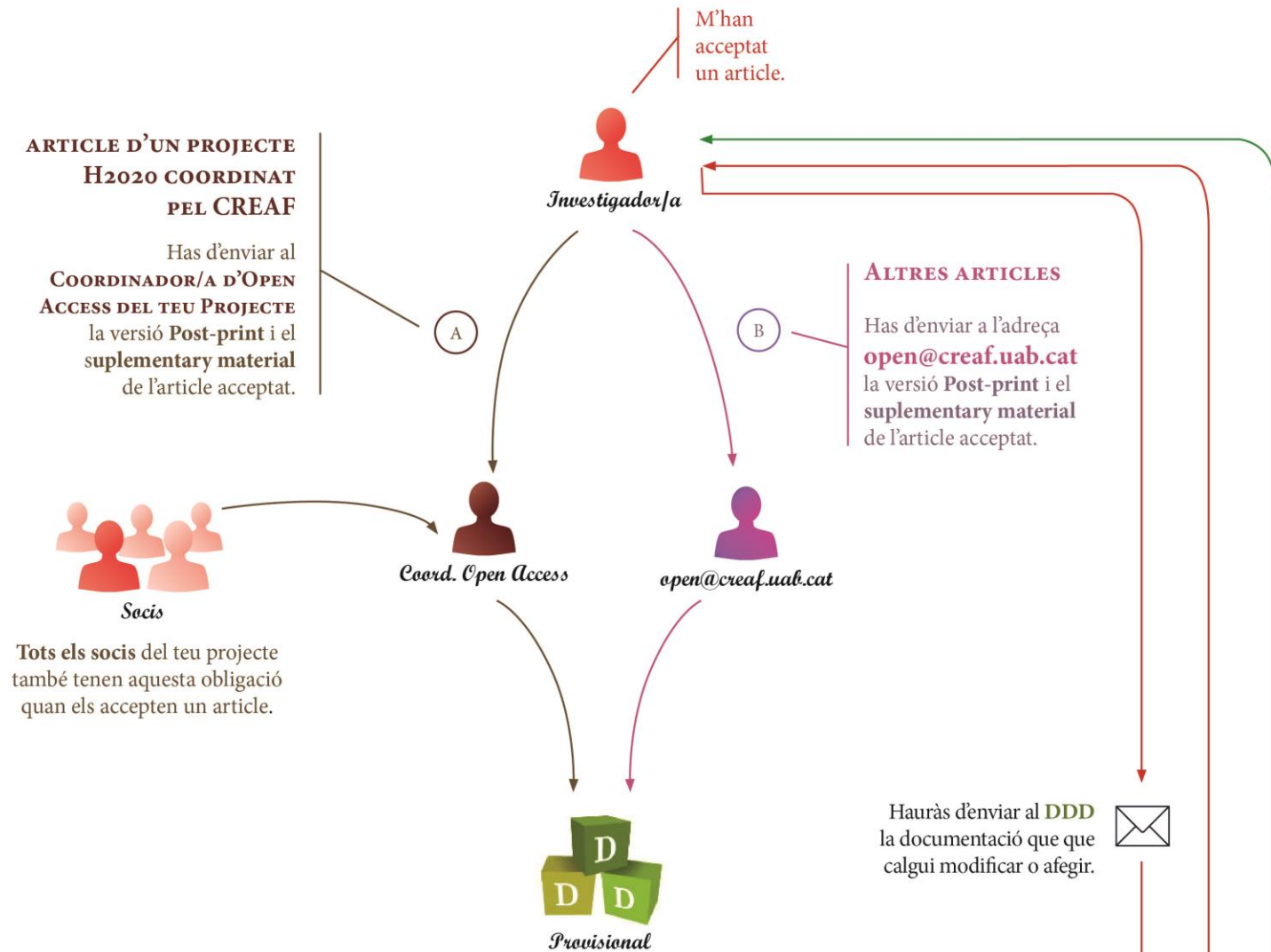
- Protocol for Metadata Harvesting OAI-PMH (Agreement ID, license, etc)

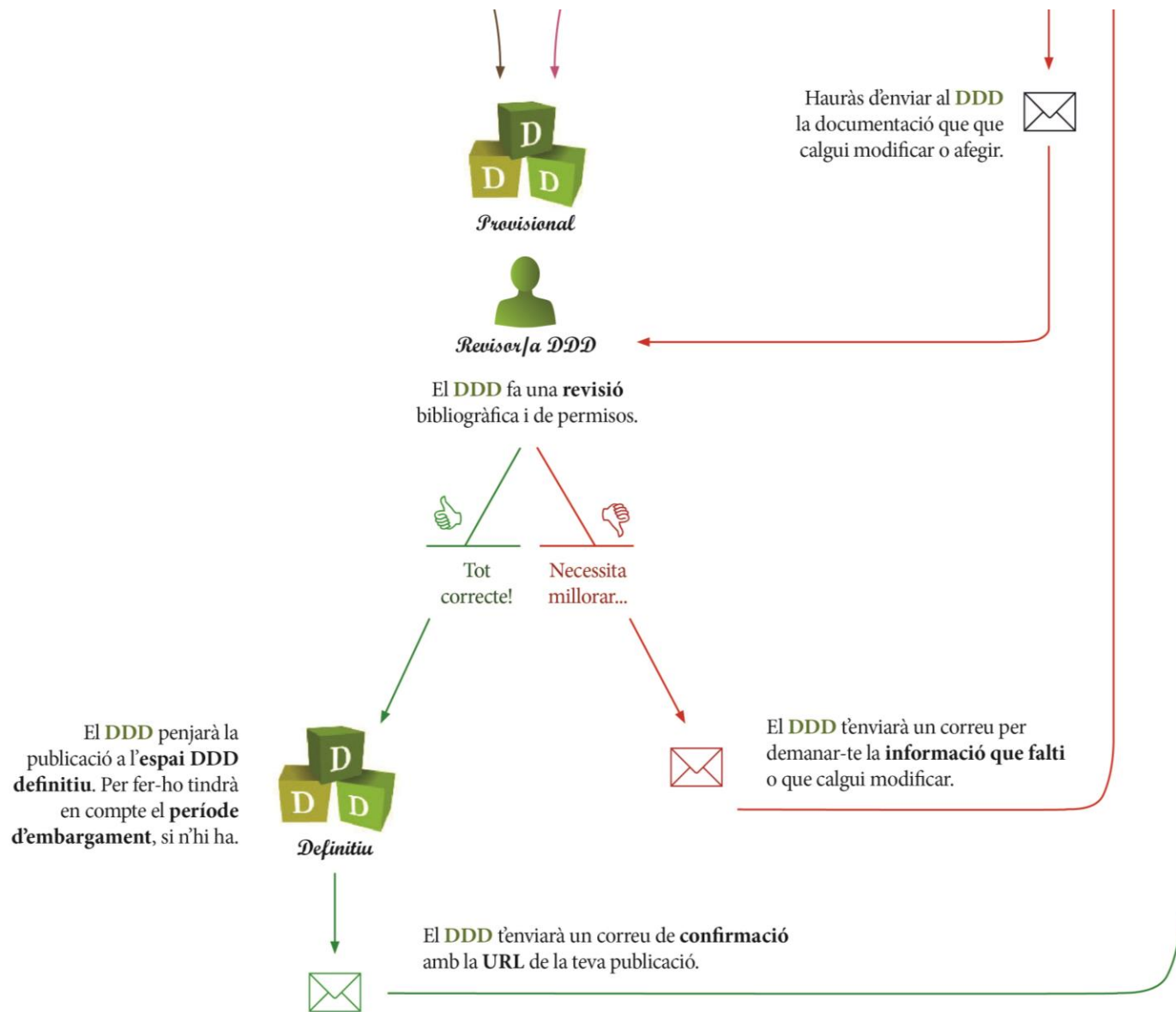
Quines passes
he de fer per
publicar al
**Dipòsit de
Documents
Digitals**
de la UAB?

Itinerari per publicar en Open Access al DDD de la UAB



Itinerari per publicar en **Open Access** al **DDD** de la **UAB**







dipòsit digital
de documents de la UAB

UAB
Universitat Autònoma
de Barcelona

 tfabregat :: [logout](#)



[Search](#) [Submit](#) [Help](#) [Personalize](#) [Administration](#)

[Servei de Biblioteques](#)

[Sobre el DDD](#)

[Català](#)

[English](#)

[Español](#)

[Home](#) > [Research literature](#) > [UAB research groups literature](#) > [Research Centres and Groups \(scientific output\)](#) > [Imbalance-P ERC Synergy grant - 2013 \(ERC-2013-610028\)](#)

ERC Synergy grant - 2013 - 610028: Quantify the responses of ecosystems and society in a world increasingly rich in N and C but limited in Phosphorus

IMBALANCE P

P is an earthbound and finite element and the prospect of constrained access to mineable P resources has already triggered geopolitical disputes. In contrast to P, availabilities of carbon (C) and nitrogen (N) to ecosystems are rapidly increasing in most areas of the globe. The resulting imminent change in the stoichiometry of available elements will have no equivalent in the Earth's history and will bear profound, yet, unknown consequences for life, the Earth System and human society. The ongoing shifts in C:N:P balances in ecosystems will necessarily affect the structure, function and diversity of the Earth system. P-market crises might put pressure on the global food system and create environmental ripple effects ranging from expansion of agricultural land to P-price-induced changes in land management exacerbating the stoichiometric resource imbalance. Yet, the impacts of this unprecedented human disturbance of elemental stoichiometry remain a research enigma. **IMBALANCE-P** will provide improved understanding and quantitative foresight to formulate a range of policy options that will contain the risks and mitigate the consequences of stoichiometric imbalances in the Earth System. It will integrate some of Europe's leading integrated assessment and Earth system models, calibrated using ecosystem nutrient limitation data obtained from field experiments. The project will establish an international process of science-based P-diplomacy.

Search 17 records for:

any field



Search

[Search Tips](#)

[Advanced Search](#)

Latest additions:

Global biodiversity, stoichiometry and ecosystem function responses to human-induced C-N-P imbalances

Carnicer i Cols, Jofre (Universitat de Barcelona. Departament d'Ecologia)

Sardans, Jordi (Centre de Recerca Ecològica i Aplicacions Forestals)

Stefanescu Bonet, Constantí (Centre de Recerca Ecològica i Aplicacions Forestals)

Ubach, Andreu (Universitat de Barcelona. Departament d'Ecologia)

Bartrons, Mireia (Centre de Recerca Ecològica i Aplicacions Forestals)

Asensio Abella, Ma. Dolores (Centre de Recerca Ecològica i Aplicacions Forestals)

Peñuelas, Josep (Centre de Recerca Ecològica i Aplicacions Forestals) *Hide*

Date: 2015

Abstract: Global change analyses usually consider biodiversity as a global asset that needs to be preserved. Biodiversity is frequently analysed mainly as a response variable affected by diverse environmental drivers. However, recent studies highlight that gradients of biodiversity are associated with gradual changes in the distribution of key dominant functional groups characterized by distinctive traits and stoichiometry, which in turn often define the rates of ecosystem processes and nutrient cycling. Moreover, pervasive links have been reported between biodiversity, food web structure, ecosystem function and species stoichiometry. Here we review current global stoichiometric gradients and how future distributional shifts in key functional groups may in turn influence basic ecosystem functions (production, nutrient cycling, decomposition) and therefore could exert a feedback effect on stoichiometric gradients. The C-N-P stoichiometry of most primary producers (phytoplankton, algae, plants) has been linked to functional trait continua (i. e. to major axes of phenotypic variation observed in inter-specific analyses of multiple traits). In contrast, the C-N-P stoichiometry of higher-level consumers remains less precisely quantified in many taxonomic groups. We show that significant links are observed between trait continua across trophic levels. In spite of recent advances, the future reciprocal feedbacks between key functional groups, biodiversity and ecosystem functions remain largely uncertain. The reported evidence, however, highlights the key role of stoichiometric traits and suggests the need of a progressive shift towards an ecosystemic and stoichiometric perspective in global biodiversity analyses.

Note: Número d'acord de subvenció EC/FP7/610028

Note: Número d'acord de subvenció MICINN/CSD2008-00040

Note: Número d'acord de subvenció MICINN/CC2010-17172

Note: Número d'acord de subvenció AGAUR/2009-SGR-458

Rights: Tots els drets reservats  Free Access

Language: Anglès

Document: article ; recerca ; acceptedVersion

Subject: [Biodiversity](#) ; [Ecosystem function](#) ; [Species richness](#) ; [Stoichiometry](#)

Published in: *Journal of plant physiology*, Vol. 172, no. 1 (Jan. 2015) , p. 82-91, ISSN 0176-1617

DOI: [10.1016/j.jplph.2014.07.022](https://doi.org/10.1016/j.jplph.2014.07.022)

Scopus: 3 citations

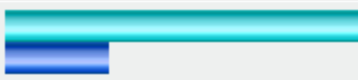
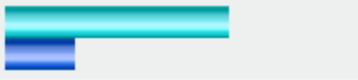
Web of Science: 0 citations

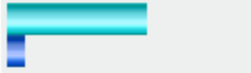
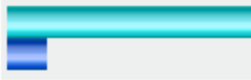
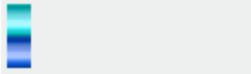
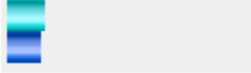
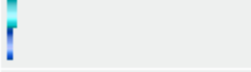
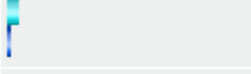
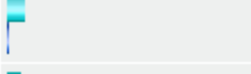
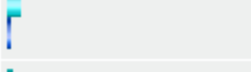
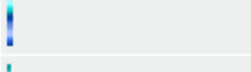
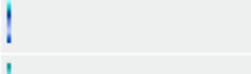
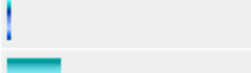


Imbalance-P ERC Synergy grant - 2013 (ERC-2013-610028)

- Consultes: 289
- Descàrregues: 87

Estadístiques globals del DDD: <http://serveis.uab.cat/ddd/content/estadistiques>

Accessos per anys i mesos			
Anys	Consultes	Descàrregues	
 2015	177	52	
 2014	112	35	

Accessos per països i dominis			
Països	Consultes	Descàrregues	
 Estats Units	70	9	
 Espanya	127	20	
 Xina	12	12	
 Regne Unit	19	17	
 Alemanya	5	3	
 Portugal	6	2	
 França	9	1	
 Itàlia	7	2	
 Austràlia	3	3	
 Suïssa	2	2	
 República Txeca	2	2	
 Altres	27	14	

Coming soon...



The screenshot shows the header of the UAB Digital Document Repository (DDD) website. The header includes the UAB logo (Universitat Autònoma de Barcelona) and the text "dipòsit digital de documents de la UAB". Below the header is a navigation bar with links: Home, Search, Submit, Help, Personalize, Servei de Biblioteques, Sobre el DDD, Català, English, and Español. The main content area displays the CREAM logo and the text "CREAF (Centre de Recerca Ecològica i d'Aplicacions Forestals)". Below this is a paragraph describing CREAM as a public research center dedicated to terrestrial ecology and territorial analysis, producing knowledge and methodologies for conservation, management, and adaptation of the environment to global change. The center's objective is to work as a bridge between academia, administrations, and society, promoting awareness and exchanging knowledge within its scope of activities, at the local, regional, and global levels. A list of activities follows:

- Research articles
- Popular science
- Contributions to meetings and congresses
- Books
- Periodical publications

DDD benefits for researchers

- ✓ Worldwide **dissemination**
- ✓ **Copyright** control
- ✓ According to **funder policies**
- ✓ Usage **Statistics**
- ✓ **Long-term** access
- ✓ **Times cited** (Scopus and WOK)
- ✓ Monitoring: **OpenAire protocol** compliant



Anys	Consultes	Descàrregues	
2012	624	432	





OpenAIRE provides a technical infrastructure to support the Open Access policy of the European Commission (FP7, H2020, ERC, etc).

Example: [UAB](#)

Fostering Open Access even more



What about data?

- On the DDD: deposit both, the data and the article
[Example 1](#) / [Example 2](#)
- Outsourced solutions
 - [Figsare](#)
 - [Zenodo](#)
 - Listings of research data repositories ([Databib](#), [Re3Data](#))
- Long-Term solution like a single research-data repository for all (CSUC)?

Open Research Data Pilot

- Only H2020
- Are your projects in or out?
- No penalisation
- Voluntary
- Data Management Plan is needed

Author identifiers: the most known options

Author ID (Scopus-Elsevier)



Scopus
Search | Alerts | My list | Settings

i The Scopus Author Identifier assigns a unique r with an author identifier, it is grouped separately

[Back to results](#) | 1 of 48 [Next >](#)

Nadal, Roser A.
Universitat Autònoma de Barcelona, Unitat de Psicobiologia, Barcelona, Spain
Author ID: 6701731005

Research ID (Web of Science-Thomson Reuters)

RESEARCHERID



Baró, Maria Dolors [R](#) [Get A Badge](#) [ResearcherID](#) [Labs](#)

ResearcherID: A-2096-2009
URL: <http://www.researcherid.com/rid/A-2096-2009>
Subject: Materials Science; Metallurgy & Metallurgical Engineering; Physics
Keywords: amorphous materials; composite materials; core/shell structure; functional materials; intermetallics; multilayers; nanoparticles; nanostructured materials; thin films; mechanical alloying; mechanical milling; rapid solidification; sputtering; wet chemistry; magnetic, mechanical, structural and thermal characterization; nanoidentation; exchange bias; interfaces
ORCID: <http://orcid.org/0000-0002-8636-1063>

ORCID: just a new one?



Connecting Research
and Researchers

Més informació:

- ORCID en tres passos
- ORCID > Ein@ UAB
- Sigues reconegut
- ORCID > SCOPUS i WOK
- Guia ORCID (UPC)
- ORCID vist per 4 investigadors del Campus del Baix Llobregat (UPC)

ORCID (Open Researcher and Contributor ID)

ORCID és una organització sense ànim de lucre que ha desenvolupat un identificador únic per als autors de treballs científics. Presenta una sèrie de característiques destacables respecte els altres sistemes:

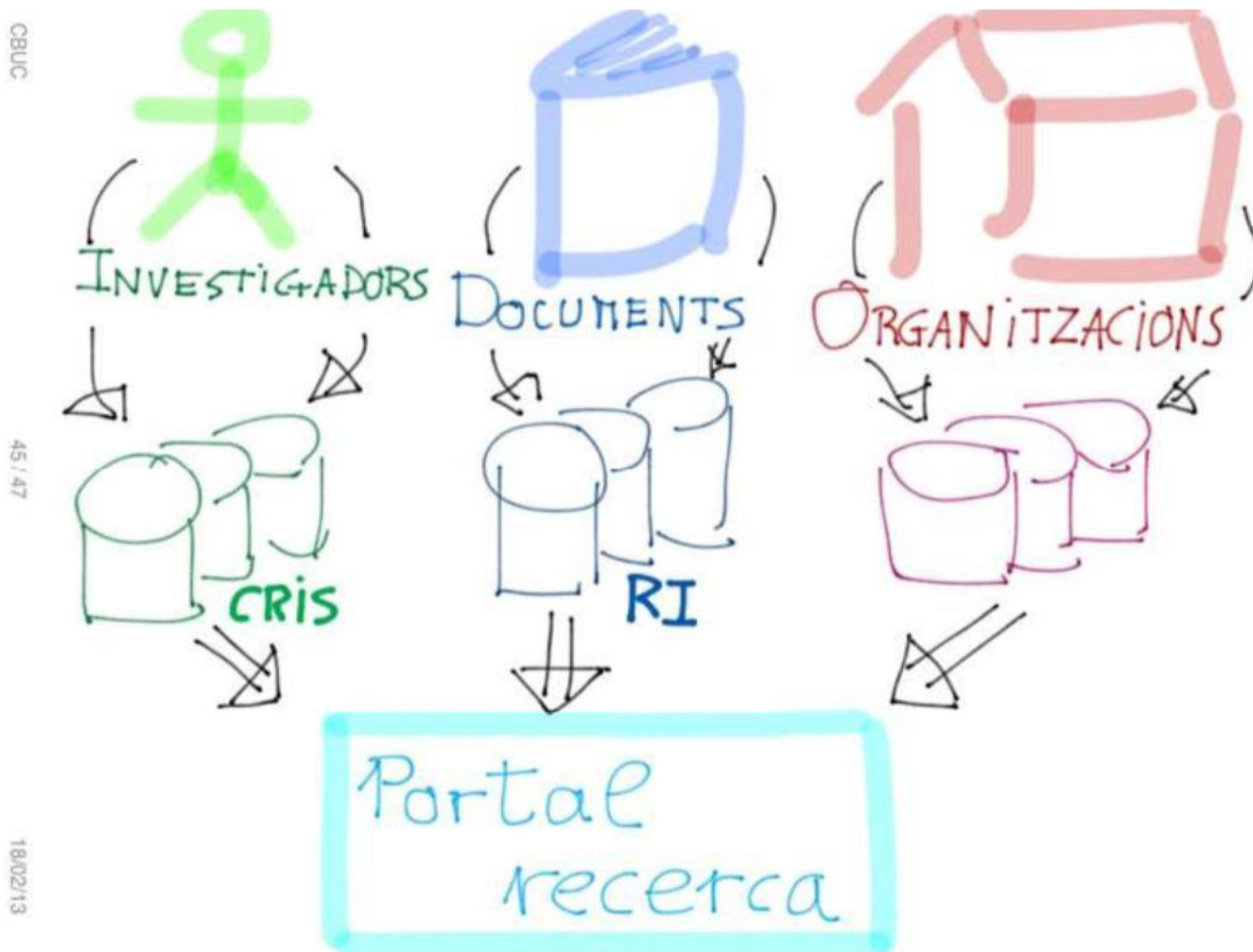
- Aquesta iniciativa és l'única que està àmpliament recolzada pels principals editors (Nature Publishing Group, Thomson Reuters, Elsevier...) i també per institucions de recerca (CERN, MIT, California Tech...).
- Identificador basat en la norma ISO 27729:2012: cada investigador pot disposar d'un codi permanent i unívoc.
- El sistema permet la interoperabilitat entre les principals bases de dades bibliogràfiques. Per exemple, actualment es pot enllaçar amb els sistemes *Scopus Author ID* i *ResearcherID*.
- S'integra en el cicle de l'edició científica, com pot ser la submissió d'articles científics a les editorials.
- Cobreix les necessitats de tots els actors (autors, editors, institucions) i és compatible i integrable en altres sistemes. Segueix un ritme creixent d'implantació, fet que el converteix en un candidat a sistema global.

So, we do recommend ...

- As a research group: collecting the AAM and ... let's the library do the rest
- Creating your own ORCID
- Linking it with other ID (Scopus, RID, Mendeley, etc.)
- Inserting it in your researcher profile (papers, email signature, your web site, etc.)
- Having an updated list of ID for internal purposes (reports, grants, etc.)

[Exemple 1](#) (R. Nadal) // [Exemple 2](#) (D. Baró)

What's next?



Font: http://blogs.iec.cat/observatori/wp-content/uploads/sites/2/2013/03/M.-Puig_L.-Anglada.pdf

PRC: Getting inspired in ...

- Netherlands: [Narcis](#)
- University of Hong Kong: [HKU Scholars Hub](#)
- University of California: [eScholarship](#)

PRC: Aim?

Visualizing the entire catalan research output on a single portal

- Authors
- Research groups
- Papers
- Research topics
- Grants
- Open access / Open data (?)
- Patents (?)
- Etc.

Consorci de
Serveis Universitaris
de Catalunya

PRC: Who is it for?

- Research community
- Companies (Who's is who)
- Funding agencies
- Public in general

PRC: One step at a time



EL PORTAL DE LA RECERCA DE CATALUNYA PRESENTAT A L'OPEN REPOSITORIES 2014

13 juny 2014 · per CSUC · a Biblioteques (CBUC), Repositoris

La setmana del 9 al 13 de juny ha tingut lloc la novena edició del congrés [Open Repositories 2014](#), celebrat a la ciutat de Hèlsinki. En aquest congrés, amb una assistència de prop de 500 participants de més de 20 països, el CSUC ha presentat el Portal de la Recerca de Catalunya sota el títol "Let's do data research work: the creation of a portal with research information from Catalan Universities".

To sum up ...

- What is not Open Access
- Interoperability: metadata harvesting (OAI-PMH)
- Monitoring EU public funded research projects
- Discoverability and reusability of research publications and data
- Practical implications: local and international

Open Access success

At UAB, it depends on...

**DDD
Team**

**Research
Institutes**



**Research
Office**

Library

Academics & researchers

Photo credit: [Foter](#) / [CC BY-SA 2.0](#)

To keep in contact

www.uab.cat/open-access

UAB
Universitat Autònoma de Barcelona

Study Abroad

Research

Life on campus

About the UAB

Open Access UAB

UAB
BIBLIOTEQUES



OPEN ACCESS

credits

- Reused content comes from:

ddd.uab.cat/record/125663, by Marta Jordán and Tomàs Fabregat

- All photographs are under Creative Commons licenses

A close-up, low-angle shot of a spiral-bound notebook. The notebook is open, showing its cream-colored pages and a black metal spiral binding. A black fountain pen with gold-colored accents and a gold nib lies diagonally across the left page. The background is a plain, light-colored surface.

Thank you!