

ISPC e la politica Open Access

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15 marzo 2021

04

RIVISTE ELETTRONICHE, FAIR DATA E LINKED OPEN DATA

Alessandra Caravale, Alessandra Piergrossi

ISPC e la politica Open Access - Webinar, 15/03/2021

ARCHEOLOGIA IN RETE,
LE RIVISTE OPEN ACCESS: RISORSE E PROSPETTIVE

1. INTRODUZIONE

Pubblicare i risultati delle ricerche è per l'archeologo uno dei momenti fondamentali del proprio lavoro di studio, uno dei momenti, come sottolinea D. Manacorda «in cui ci si assume fino in fondo le proprie responsabilità di archeologi», che sono anche «artigiani-professionisti-intellettuali-cittadini» (Manacorda, 2008, 235). Le strade percorribili per la diffusione e la condivisione di tali risultati sono numerose e diversificate per impegno, strumenti informatici, tempi di realizzazione ed eterogeneità di destinatari: articoli in riviste del settore, rapporti e relazioni preliminari, monografie. Gli articoli colti in rete che hanno circolavano nella comunità scientifica sono ancora il mezzo privilegiato di diffusione delle ricerche e lo strumento primario di dibattito scientifico.

L'affermazione di Internet come strumento di divulgazione della conoscenza e degli scambi nella ricerca, nella didattica e nell'informazione (Finisterre 2004, 537) ha fatto sì che negli ultimi decenni si sia servita sempre di più l'esigenza di utilizzare la rete come strumento importante di trasmissione e condivisione dei dati, anche in settori come il nostro, che rimane ancora fortemente legato a forme di trasmissione più tradizionali. Tale esigenza è stata particolarmente avvertita più di recente, per l'assommarsi di alcuni elementi importanti. Innanzitutto la necessità di abbreviare i tempi di elaborazione «non di rado la pubblicazione, dilazionata per anni, rischia di apparire già superata dal progresso delle conoscenze», sottolinea ancora MANACORDA (2008, 235) e oggi rischia di andare contro le esigenze di preventzione, tutela e valorizzazione, a cui anche la legislazione del nostro Paese è ormai particolarmente attenta. Si deve, inoltre, considerare la necessità di razionalizzare i costi: tagli, riduzioni, mancanza di fondi, particolarmente sentiti nell'editoria culturale, hanno necessariamente portato ad una riflessione sull'editoria tradizionale e alla ricerca di nuovi strumenti per la diffusione dei prodotti della ricerca.

In fine va considerato l'esigenza della "condivisione del sapere": l'affermarsi gradualmente ma costante della filosofia "open", cioè quella dell'open access e dell'open data, che si presuppongono l'accesso aperto all'informazione scientifica e la libera fruibilità dei dati e che permettono quindi maggiori scambi tra idee, metodi, discipline, porta naturalmente ad un ripensamento dei metodi tradizionali di comunicazione verso l'esterno e ad una ricerca di

Archaeological open access journals: the case of «Archeologia e Calcolatori»

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Abstract

Our paper intends to provide an overview of archaeological open access journals, with particular reference to Italy, starting from the experience of «Archeologia e Calcolatori». Alongside published journals, on-line open access journals are increasing considerably, and are acquiring an important role in the publication of scientific results. «Archeologia e Calcolatori» is included among the Italian journals in DOAJ (Directory of Open access Journals). This journal began in 1990 in paper format only, and since 2005 has joined the Open Archives Initiative (OAI) and is also published on-line. All articles published since 1998 are available in PDF format. The articles are shared in the circuit of the Open Archives, allowing harvesting from OAI service providers.

Keywords

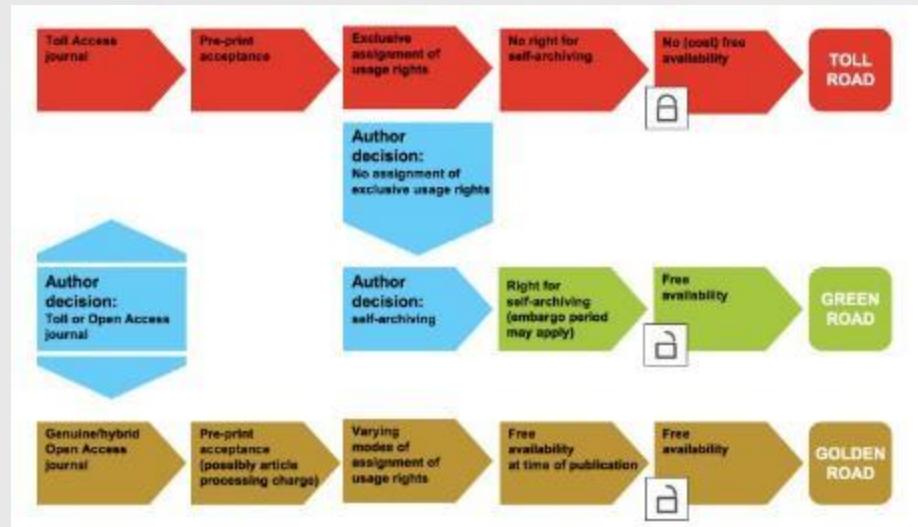
Open access, Archeological on-line journals, «Archeologia e Calcolatori»

A. Caravale, A. Piergrossi, *Archaeological open access journals the case of «Archeologia e Calcolatori»*, in F. Giligny, F. Djindjian, L. Costa, P. Moscati, S. Robert (eds.), *Proceedings of the 42nd Annual Conference on Computer Applications and Quantitative Methods in Archaeology, CAA 2014* (Paris, 22-25 aprile 2014), Oxford 2015, pp. 257-264.



OA: The **golden** road and the **green** road

Green Route	The author can self-archive at the time of submission of the publication whether the publication is grey literature, a peer-reviewed journal publication, a peer-reviewed conference proceedings paper or a monograph
Golden Route	The author or author institution can pay a fee to the publisher at publication time, the publisher thereafter making the material available 'free' at the point of access.
Preprints	Preprints are articles that are pre-peer-review
Postprints	Postprints are articles that are post-peer-review
eprints	eprints can be either preprints or postprints but in electronic form
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Archeologia e Calcolatori

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Accepts manuscripts in **French, Spanish, English, Italian, German**

Auxiliary sciences of history: Archaeology

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Auxiliary sciences of history: Archaeology

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Una tazza di Aristeas il cipriota da Villa Bartolomea (Verona)

Luca Arioli

DOI: <https://doi.org/10.13130/2035-4797/13509>

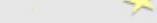
Parole chiave: vetro romano, vetri soffiati in stampo, vetri sidonii, Aristeas, Ennion

 PDF

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10.19282/ac.30.2019.03

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Archeologia e Calcolatori

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Menu

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Authors	Moscati, P. -
Title	<i>Informatica archeologica e archeologia digitale. Le risposte dalla rete</i>
Volume	Archeologia e Calcolatori n. XXX - 2019
In	ISBN: > 978-88-7814-922-9
In	Moscati P. (ed.), 30 anni di Archeologia e Calcolatori. Tra memoria e progettualità
Pages	21-38
DOI	https://doi.org/10.19282/ac.30.2019.03
URL	http://www.archcalc.cnr.it/indice/PDF30/03_Moscati.pdf
Publisher	Edizioni All'Insegna del Giglio
Subject	History of applications and research projects
Subject	Theoretical and methodological problems
Abstract	<p>The article illustrates the most recent achievements of archaeological computing, through a systematic survey that starts with the very name of the discipline, as used at national and international levels. The aim is to examine if the distinction made between 'archaeological computing' and 'digital archaeology' can really be helpful in framing the discipline in its theoretical and methodological evolution. From the synthesis made, the dominance of technological aspects on the theoretical and methodological approach clearly emerges. For some time now, technology has governed the three main areas of archaeological practice: field work, laboratory analysis and cultural heritage management and promotion. Two other important aspects are today rapidly gaining ground: 'Communicating archaeological research' and 'European digital infrastructures for archaeology'. Finally, particularly significant is the sector of Digital Heritage or Heritage Science, which today seems to be the focus of all digital archaeology involvements.</p>
Language	IT
Format	pdf
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2015

2016

2017.1

2017.2

2018

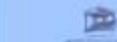
2019



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Linked Open Data

Linked Open Data, un'opportunità per istituzioni e utenti

I dati liberamente accessibili online e interpretabili da una macchina (dati grezzi) e collegabili ad altri dello stesso tipo rappresentano una delle più importanti risorse per l'arricchimento della conoscenza e per la creazione di nuove connessioni tra risorse, migliorandone al tempo stesso la loro visibilità. A livello europeo, in ambito umanistico, la promozione dei dati aperti e collegabili tra di loro (Linked Open Data) è una delle "best practices" adottate dalle principali piattaforme europee per la gestione del patrimonio culturale digitale.

http://www.culturaitalia.it/opencms/linked_open_data_it.jsp

Getty Vocabularies as Linked Open Data

The Getty Vocabularies have always been constructed to allow linking. Through the LOD (Linked Open Data) project at Getty, that goal is now being realized. The documents on this page contain information and presentations about the release of the Getty Vocabularies as LOD. These materials are subject to frequent modification and addition.

- [News and Status of the Project](#)
- [URIs \(Uniform Resource Identifiers\)](#)
- [What Is LOD?](#)
- [Introduction to Getty Vocabularies as LOD \(PDF, 3.8 MB, 46pp\)](#)
- [List of External Advisors \(PDF, 88KB, 7pp\)](#)

The AAT, TGN, and ULAN are now available as LOD. They are published under the [Open Data Commons Attribution License \(ODC-BY\) 1.0](#). CONA and IA are not yet available as LOD, but data is available through APIs. Read about the possibilities at [Obtain the Getty Vocabularies](#).



<https://www.getty.edu/research/tools/vocabularies/lod/>

MODALITÀ ANNOTAZIONE: NORMALE VELOCE+ RELATIVES COLORE TIPO DI ENTITÀ PER STATO DI VERIFICA

Ambrologio e Calvelato, 25, 2014, 175-188
 3D MODELLING IN THE AGORA OF SEGESTA: TECHNIQUES AND DATA INTERPRETATION

1. Introduction

In 2001 the Laboratorio di Scienze dell'Antichità (LSA) of the Scuola Normale Superiore, in collaboration with the Dipartimento di Civiltà e Forme del Sapere of [Pisa University](#), restarted the archaeological investigations in the agora of [Segesta](#) (TP) (Figs. 1-2). During the very last years, the research in the Segestean public square could take advantage of the scientific and technical support of the Laboratorio di Disegno e Restauro, at the Dipartimento di Civiltà e Forme del Sapere (LADIR), and of the DecamLab, at the Scuola Normale Superiore.

<https://recogito.pelagios.org/>

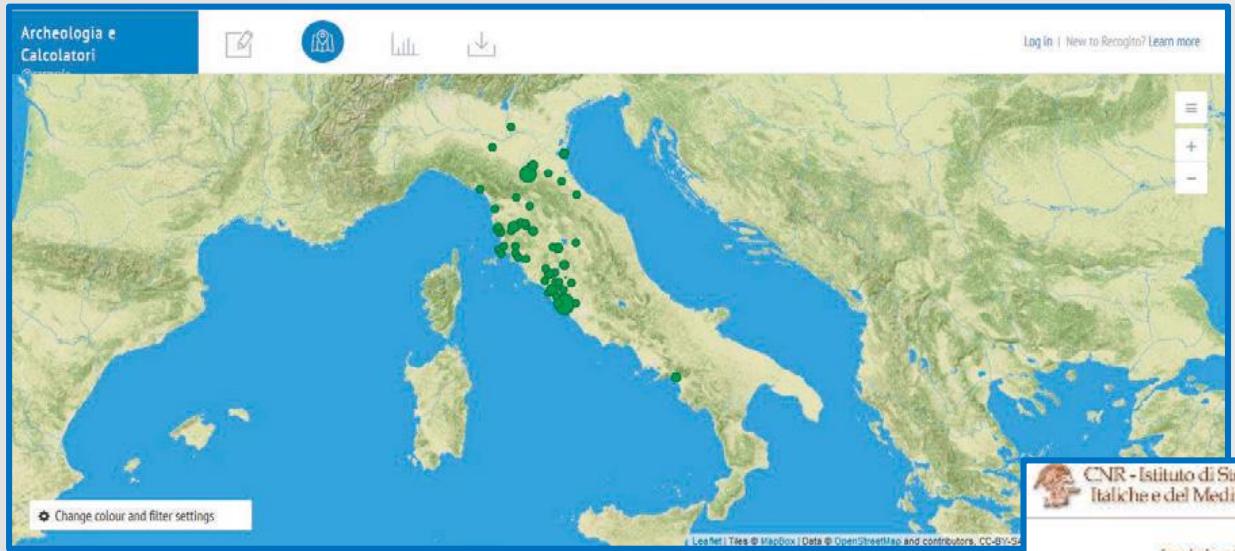
Günther Goetz
 @goetz

Biondo, Lazio, 1542

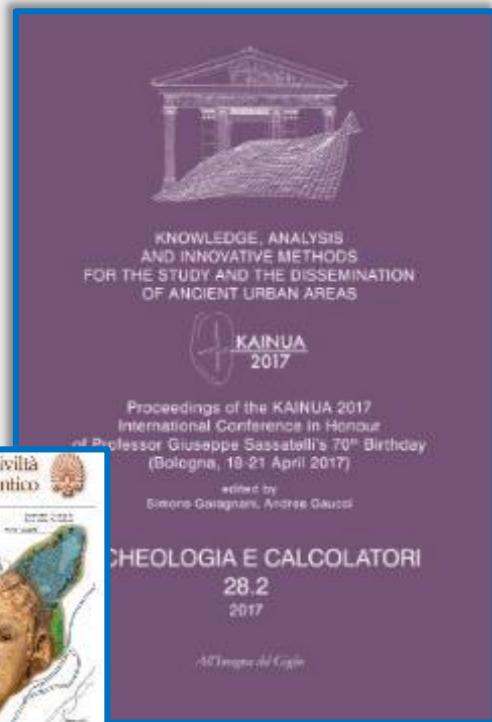
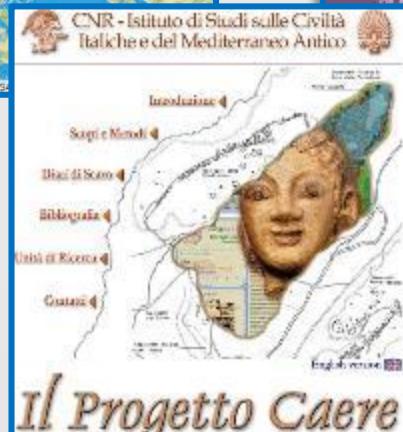
Biondo, Flavio (Geus, Klaus transl.); Region 3 Lazio in "Italia Illustrata", Buch 2
 2017
 Date: 1542
 Author: Biondo, Flavio (Geus, Klaus transl.)
 License: CC BY-NC-SA 4.0
 CC BY-NC-SA 4.0
 ANNOTATION MODE: NORMALE VELOCE+ COLORE TIPO DI ENTITÀ PER STATO DI VERIFICA

The header of [Biondo](#), taking care in the [1542](#), would have offered the opportunity to describe , according to the proper order , [Rome](#). But since we already have done that three years ago in the three books , we will describe , while omitting the city itself , the region of [Latium](#). The etymology of the name of this region gives [Virgil](#) in these lines [Latium](#) , exiled from his native kingdom . He collected the unemployed men , scattered among the high meadows And he preferred to call the region [Latium](#) , because he had hidden him the grammarian [Sextus](#) , emphasizing [Virgil](#) in book 7 , offered sacrifice on the [Alma Mount](#) . The three Latins indeed constituted themselves with strong affinities the Italic people who deserved them the Romans in the Social. We communities were sent to help the Roman people . Following the usage of our times and earlier centuries , we will - however decried , you have agreed - [Sicily](#) and [Sardinia](#) . We know , of course , that [Campania](#) was named by the ancients for the region around [Capri](#) , and we know also that the name [Latium](#) enhanced at the beginning a smaller region than what we comprehend today by its name: [Campania](#) and [Magna Graecia](#) . On the other hand , we see that [Stimbo](#) of [Cres](#) , who flourished in the time of the emperor [Theodosius](#) , places in his Geography the territory of the Latins in the coastal region that extends from the [Tiber](#) mouth to the [Gulf of Sisum](#) , where the metropolis of [Syracuse](#) was , and places in the interior the Apennines , [Reni](#) , [Vetri](#) , [Pentidattilo](#) , [Mars](#) and those who inhabit , up to the [Mare](#) , the Ambrones to the borders of old

G. Goetz et al. 2019, Spatial Cognition in Historical Geographical Texts and Maps: Towards a cognitive-semantic analysis of Flavio Biondo's "Italia Illustrata".



Mappa con visualizzazione dei siti etruschi in A&C in Recogito



caere

33 results

Cerveteri

Caere, Kaisra, Agylla, Cerveteri, ሂያልላ, Ágylla, Agulla, Kairéa, Kaipéa, Cerveleri, チエルヴェーテリ, Черветери

750 BC - 2100 AD

Caere (also known as Cisra or Cerveteri) was a major Etruscan polis located ca. 50 km north-northwest of Rome in southern Etruria. pleiades.stoa.org

dare:16708 idai:2180522 pleiades:422859 2 more

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epitaph of Caere, bei (modern Cerveteri, bei, fi...
201 AD - 300 AD
Epigraphic Database Heidelberg

A&C, 28.2, 2017A&C, 28.2, 2017
Archeologia e Calcolatori

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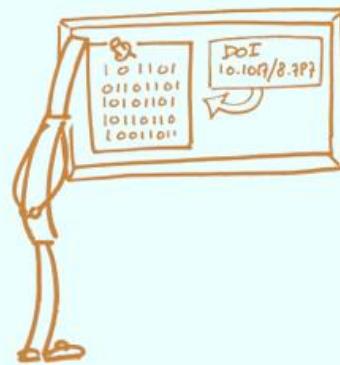
The FAIR PRINCIPLES

FAIR DATA PRINCIPLES

AH!



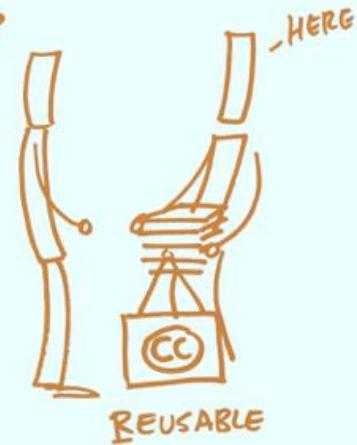
FINDABLE



ACCESSIBLE



INTEROPERABLE



REUSABLE

SCIENTIFIC DATA

Amended. Addendum

OPEN

SUBJECT CATEGORIES
 ▶ Research data
 ▶ Publication
 characteristics

Comment: The FAIR Guiding Principles for scientific data management and stewardship

Mark D. Wilkinson et al.^{a,f}

Received: 10 December 2015
 Accepted: 12 February 2016
 Published: 15 March 2016

There is an urgent need to improve the infrastructure supporting the reuse of scholarly data. A diverse set of stakeholders—representing academic, industry, funding agencies, and scholarly publishers—have come together to design and jointly endorse a concise and reasonable set of principles that we refer to as the FAIR Data Principles. The intent is that these may act as a guideline for those wishing to enhance the reusability of their data holdings. Distinct from peer initiatives that focus on the human scholar, the FAIR Principles put specific emphasis on enhancing the ability of machines to automatically find and use the data, in addition to supporting its reuse by individuals. This Comment is the first formal publication of the FAIR Principles, and includes the rationale behind them, and some exemplary implementations in the community.

Supporting discovery through good data management

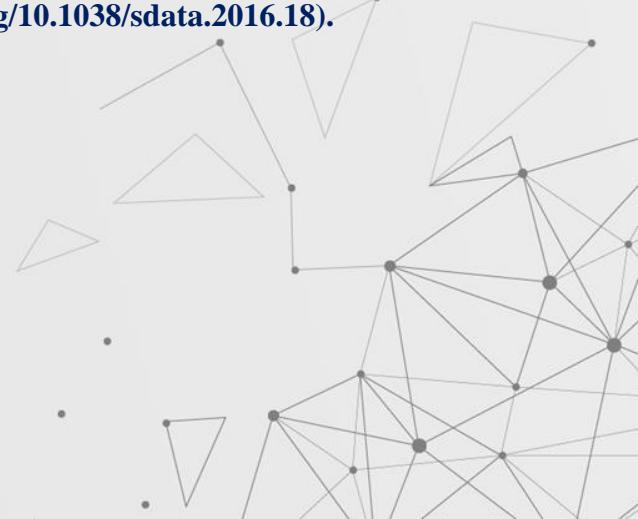
Good data management is not a goal in itself, but rather is the key conduit leading to knowledge discovery and innovation, and to subsequent data and knowledge integration and reuse by the community after the data publication process. Unfortunately, the existing digital ecosystem surrounding scholarly data publication prevents us from extracting maximum benefit from our research investments (Fig. 1f). Partially in response to this, science funders, publishers and governmental agencies are beginning to require data management and stewardship plans for grants and publications, and specifying requirements for persistent identifiers and online data stewardship, which is the action of “tagging” raw or untagged digital assets, with the belief that they should be discovered and reused for downstream investigations, either alone, or in combination with newly generated data. The outcomes from good data management and stewardship, therefore, are high-quality digital publications that facilitate and simplify the ongoing process of discovery, evaluation, and reuse in downstream studies. What constitutes “good” data management is, however, largely undefined, and is generally left as a decision for the data or resource owner. Therefore, bringing some clarity around the goals and outcome of good data management and stewardship, and defining simple guidelines to inform those who plan and/or produce scholarly data, would be of great utility.

This article describes four foundational principles—Fidelity, Accessibility, Interoperability, and Reusability—that serve to guide data producers and publishers as they navigate around these obstacles, thereby helping to introduce an “addendum” guided by common sense to formal scholarly data publication practices. It is important that these principles apply not only to the data in its conventional sense, but also to the acquisition, curation, and workflow that led to that data. All scholarly digital research objects—from data to analytical pipelines—benefit from application of these principles, since all components of the research process must be available to ensure traceability, reproducibility, and reusability.

There are numerous and diverse stakeholders who must to benefit from embracing these principles: researchers wanting to share, cite, credit, and reuse such complex data and interpretations; professional data publishers offering their services; software and tool-builders providing data analysis and processing services such as reusable workflows; funding agencies (private and public) increasingly

Correspondence and requests for materials should be addressed to M.D.W. (email: mark.wilkinson@jisc.ac.uk). A full list of editors and their affiliations appears at the end of the paper.

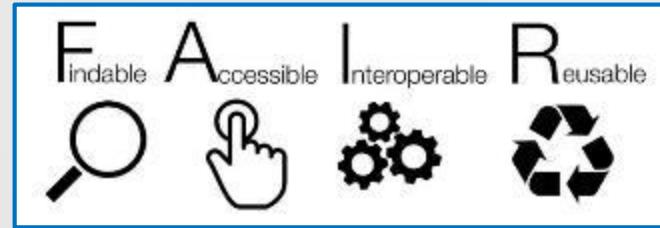
WILKINSON M., DUMONTIER M., AALBERSBERG I. et al. 2016, *The FAIR Guiding Principles for scientific data management and stewardship*, «*Science Data*», 3, 160018 (<https://doi.org/10.1038/sdata.2016.18>).



FAIR Guiding Principles

Data should be Findable	F1. (meta)data are assigned a globally unique and persistent identifier (DOI) F2. data are described with rich metadata F3. metadata clearly and explicitly include the identifier of the data it describes F4. (meta)data are registered or indexed in a searchable resource
Data should be Accessible	A1. (meta)data are retrievable by their identifier using a standardized communications protocol A1.1 the protocol is open, free, and universally implementable A1.2 the protocol allows for an authentication and authorization procedure, where necessary A2. metadata are accessible, even when the data are no longer available
Data should be Interoperable	I1. (meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation. I2. (meta)data use vocabularies that follow FAIR principles I3. (meta)data include qualified references to other (meta)data
Data should be Reusable	R1. meta(data) are richly described with a plurality of accurate and relevant attributes R1.1. (meta)data are released with a clear and accessible data usage license R1.2. (meta)data are associated with detailed provenance R1.3. (meta)data meet domain-relevant community standards

The FAIR Guiding Principles for scientific data management and stewardship



Practically:

1. Persistent storage for data
2. Rights and permissions to use the data
3. Data understandable
4. Data should permit interoperability

Originally from Wilkinson M.D. et al. «The FAIR Guiding Principles for scientific data management and stewardship», 2016

FAIR data ≠ Open data

«As open as possible, as closed as necessary»
(Linee guida programma Horizon 2020 -Commissione
europea sulla gestione dei dati FAIR –2016:
https://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm).



Report of the European Commission's expert group on FAIR data

4.1 FAIR Digital Objects

Central in the evolution of a FAIR data ecosystem are **FAIR Digital Objects**. Data need to be accompanied by Persistent Identifiers (PIDs) and metadata rich enough to enable them to be reliably found, used and cited. In addition, the data should be represented in common – and ideally open – file formats, and be richly documented using metadata standards and vocabularies adopted by the given research communities to enable interoperability and reuse. Sharing code is also fundamental and should include not just the source code but also appropriate documentation including machine-actionable statements about dependencies and licensing.

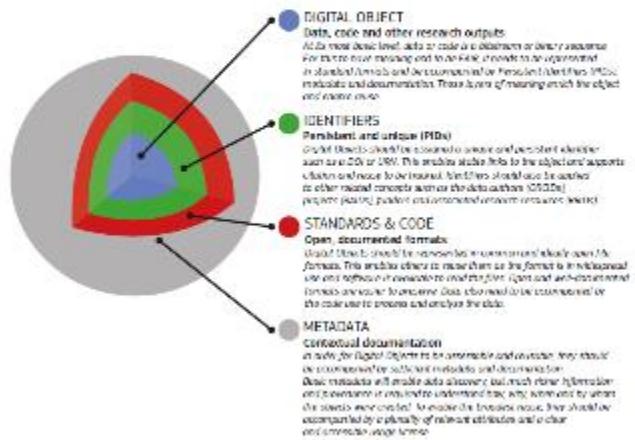


Figure 8. A model for FAIR Digital Objects, noting the elements that need to be in place for data to be Findable, Accessible, Interoperable and Reusable.



https://ec.europa.eu/info/sites/info/files/turning_fair_into_reality_1.pdf

Preliminary report on the first draft of the Recommendation on Open Science

Corporate author: UNESDOC, DirectorGeneral, 2017-(Amending A) | 1499
Document code: D/4223
Edition: 25 pages
Language: English
Also available in: Français
Year of publication: 2020
Type of document: circular letter

Online Full text Record Copies

Full text

First draft of the UNESCO Recommendation on Open Science

Preamble
The General Conference of the United Nations Educational, Scientific and Cultural Organization (UNESCO), meeting in Paris 20 November 2021,

<https://unesdoc.unesco.org/ark:/48223/pf0000374409.page=10>

EOSC Declaration

Brussels, 26 October 2017

European Open Science Cloud New Research & Innovation Opportunities



The EOSC Declaration and its principles, guiding the implementation of the EOSC Summit of 12 June 2017. They have been endorsed by the undersigned signatories, who are committed to work in action to implement it. They do not commit the European Commission and their institutions.

EOSC Declaration

RECOGNISING the challenges of data in research in pursuing scientific excellence;

GRANTING that the vision of European Open Science is that of a research data commons, widely inclusive of all disciplines and Member States, sustainable in the long-term;

ACKNOWLEDGING that the implementation of the EOSC is a process, not a project, by its nature iterative and based on constant learning and mutual alignment;

UPHOLDING that the EOSC Summit marked the beginning and not the end of this process, one based on continuous engagement with scientific stakeholders, the signatories;

ENCOURAGING the following members and will actively support their implementation in their respective capacities:

Data culture and FAIR data

- [Data culture] European science has to operate in a common culture of data availability, so that research data is recognised as a significant output of research and is appropriately curated throughout and after the period concluding the research. Only a cross-disciplinary change will enable long-term reuse for science and for innovation of data created by research activities, no discipline, institution or country must be left behind.
- [Open access by default] All researchers in Europe must enjoy access to an open-by-default, efficient and innovative research data environment supported by FAIR data principles. Open access must be the default setting for all results of publicly funded research in Europe, allowing for proportionate limitations only in truly justified cases of personal data protection, confidentiality, IPR concerns, cultural sensitivity or similar (regarding open access and reuse as far as necessary).
- [Skills] The necessary skills and competencies in research data management, data stewardship and data science should be provided throughout the EU as part of higher education, the training system and on the job best practices in the industry. University libraries, research organisations, research libraries and other educational bodies play an important role but they need substantial support from the European Commission and the Member States.
- [Data stewardship] Researchers need the support of adequately trained data stewards. The European Commission and Member States should invest in the education of data stewards via career programmes delivered by universities, research institutions and other trans-European agents.
- [Rewards and incentives] Rewarding research data sharing is essential. Researchers who make research data open and FAIR for reuse and/or reuse and reproduce data should be rewarded, both in their career assessment and in the evaluation of projects, grant funding, review of conference and impact. This should go hand in hand with other career policies in universities and research institutions (appointments, promotion etc.).
- [FAIR principles] Implementation of the FAIR principles must be pragmatic and technology neutral, encompassing all four dimensions: findability, accessibility, interoperability and reusability. FAIR principles are neither standards nor practices. The disciplinary sectors must develop their specific metrics of FAIR data in a community fashion and determine the desired level of FAIRness. FAIR principles should apply not only to research data but also to data-related algorithms, tools, workflows, protocols, services and other kinds of digital research objects.



English

Search

Home > Research and Innovation > Strategy > Basis of research and innovation policy > Open Science > European Open Science Cloud (EOSC)

European Open Science Cloud (EOSC)

What the cloud is, how it relates to other strategies, how it was developed and what will happen in the future.

PAGE CONTENTS

What the European Open Science Cloud is

Development of the EOSC until 2020

The EOSC under Horizon Europe 2021-2027

Links

What the European Open Science Cloud is

The European Open Science Cloud (EOSC) is an environment for hosting and processing research data to support EU science.

This process to create the EOSC was followed by the Commission in 2017. It relies on involving a wide range of stakeholders from the academic bodies and scientific disciplines to data, share, process and use research data objects (like publications, data, and software) following FAIR principles.

The EOSC brings together institutions, national and European data holders, initiatives and data infrastructures to develop an inclusive open science ecosystem in Europe.

The outcome: new insights and innovations, higher research productivity and improved competitiveness in Europe.

European Data Strategy

The European Data Strategy recognises the EOSC as the nucleus for a science, research and innovation data space which will become articulated with the 9 societal data spaces foreseen by the strategy.

The EOSC timeline indicated in the European Data Strategy foresees the following stages:

- * By 2025: deploy CDCC (Cloud Data Catalogue and Content Exchange) to serve EU science

https://eosc-portal.eu/sites/default/files/eosc_declaration.pdf

<https://www.openaire.eu/how-to-make-your-data-fair>

The screenshot shows the OpenAIRE website with a red box highlighting the 'How to make your data FAIR' section. The page includes a header with the OpenAIRE logo, a search bar, and navigation links. Below the header, there's a large image of a topographic map. The main content area features a title 'How to make your data FAIR', a sidebar with 'Introduction' and 'Support' sections, and a central column with several articles. One article is titled 'Europeana and the FAIR principles for research data'.

https://pro.europeana.eu/files/Europeana_Professional/Event_documentation/Webinars/ECC_Webinar_FAIRyfingData.pdf

<https://ariadne-infrastructure.eu/the-fair-principles-and-open-data/>

The screenshot shows the ARIADNE plus website with a red box highlighting the 'The FAIR Principles' section. The page has a header with the ARIADNE plus logo and navigation links. Below the header, there's a large image of a CD. The main content area features a title 'The FAIR Principles', a detailed description, and a table comparing FAIR principles with PDS principles. The table has columns for 'Title', 'Description', 'FAIR PDS', 'Type', and 'Area'.

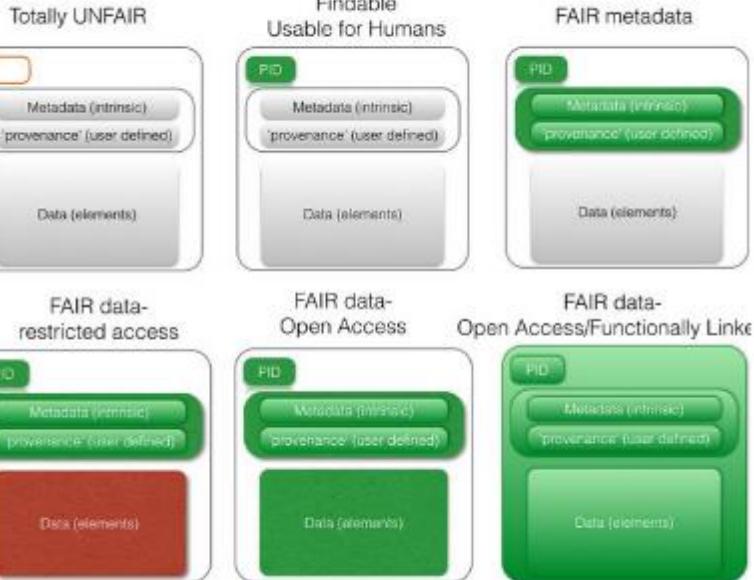
Title	Description	FAIR PDS	Type	Area
FAIR Principles	Definitions of the FAIR Quality Standard	PDS 1-102 PDS 1-103	Interoperability Findability	Basic
PDS 1-101 and PDS 1-102	Definitions of the FAIR Quality Standard	PDS 1-102 PDS 1-103	Interoperability Findability	Basic
PDS 1-103: Data available online	Definitions of the FAIR Quality Standard	PDS 1-103	Interoperability Findability	Basic
FAIR PDS: Definitions of FAIR Quality Standard	Definitions of the FAIR Quality Standard	PDS 1-102 PDS 1-103	Interoperability Findability	Basic



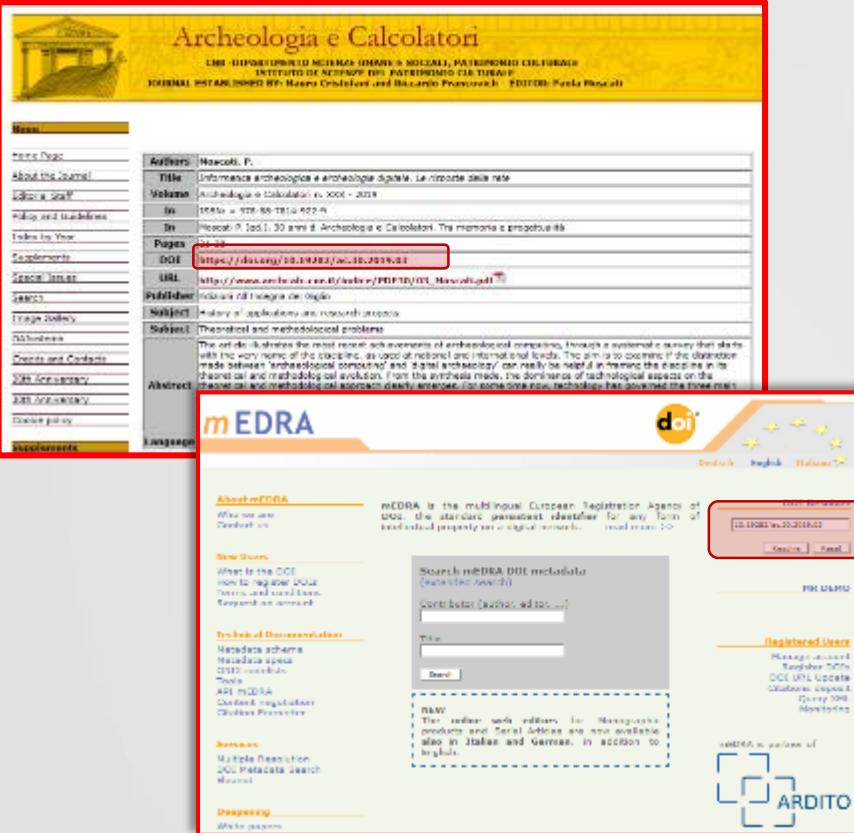
FAIRifying the DATA



Data as increasingly FAIR Digital Objects

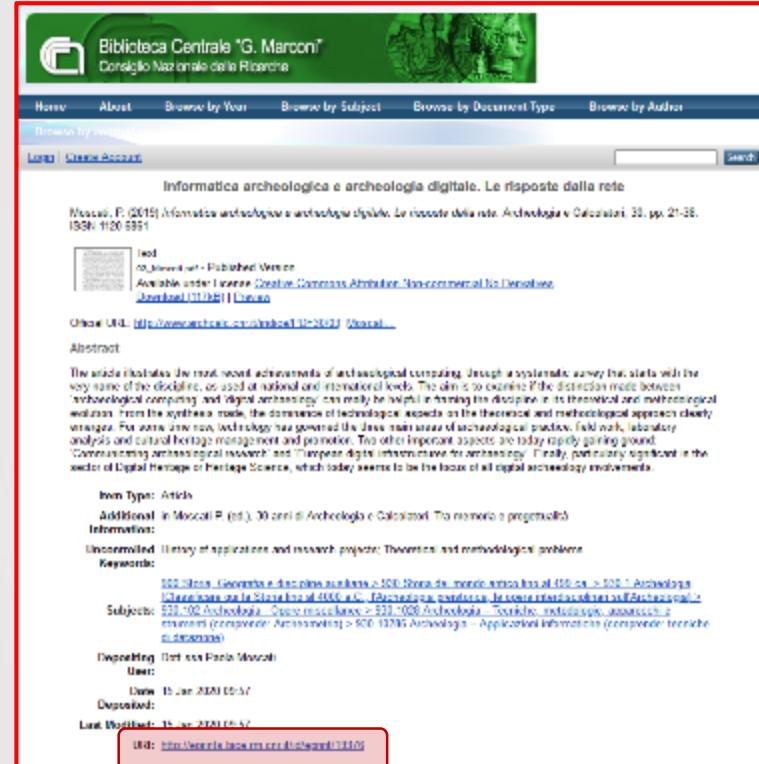


Findable



<https://www.medra.org/it/>

Accessible



<http://eprints.bice.rm.cnr.it>

Interoperable

OAI Record: oa-www.archcalc.cn.it/oai/aec_oaipmh2.php?verb=Identify

OAI Record Header

OAI Identifier	http://www.archcalc.cn.it/oai/aec_oaipmh2.php?verb=GetRecord&id=oai:it:archcalc:103
Datestamp	2013-01-01
oaiType	A.I. [Identifier] Research
oaiType	spac4-[Identifier] Research

Simple Dublin Core Metadata (dc)

Title	Information technology in architecture, design and construction
Author or Creator	Mosca, Paolo
Right Management	Infovis - Open Access Research
Right Management	http://creativecommons.org/licenses/by-nd/3.0/
Relation	http://creativecommons.org/licenses/by-nd/3.0/
Relation	http://creativecommons.org/licenses/by-nd/3.0/
Abstract	Technology has been a constant companion of architecture, engineering, building and construction since the very origins of the discipline, as well as in its theoretical and methodological development. The main difference in the distinction made between technology of construction and technology of architecture lies in the theoretical and methodological evolution. From the symbolic mode, the development of technological approaches has followed two major paradigmatic shifts: the first, from the descriptive to the analytical, and the second, from the analytical to the synthetic. The former has now technology integrated for the management of architectural processes and tools, whereas the latter has technology management and prevention. The other important approach today rapidly gaining ground: Communicating and sharing research and European light technologies for technology. Finally, technology is given a role of digital building. Buildings become "virtual" objects to be built in all digital environments and environments.
Date	2013-01-01
Language	it
Resource Type	text/electronic-communication
Resource Type	text/electronic-publication
Publisher	Infovis - Open Access Research
Resource Identifier	http://www.archcalc.cn.it/oai/aec_oaipmh2.php?verb=GetRecord&id=oai:it:archcalc:103
Resource Identifier	http://www.archcalc.cn.it/oai/aec_oaipmh2.php?verb=GetRecord&id=oai:it:archcalc:103
Format	application/pdf
Relation	Archived with Collezione n. XXX - 2019
Subject and Keywords	Theory of application and research projects
Subject and Keywords	Theoretical and methodological problems



OAI 2.0 Request Results

My... | Advanced Search | Help | Home | Logout | Log in

Open Access Research OAIR, version 2.0. OAIR is an open access repository for scientific publications produced by the National Institute of Advanced Industrial Science and Technology (AIST).

Version of record

Version URL: http://www.archcalc.cn.it/oai/aec_oaipmh2.php?verb=GetRecord&id=oai:it:archcalc:103

Any other type, including results

List Metadata Formats

Metadata Format

application/rdf

application/rdf+xml

application/atom+xml

Metadata Format

application/rdf

application/rdf+xml

application/atom+xml



http://www.archcalc.cn.it/oai/aec_oaipmh2.php?verb=Identify

Reusable

Work Digital / Think Archive - Data Management Plan Overview

The sections below are the basic components of the Data Management Plan. Each section comprises a series of questions which need to be completed. In the pages below the DMP format is fully explained, and includes the Guidance to consider, Guidance and Examples where appropriate.

Section 1: Project Administration

- Key project details, Unique identifier and contacts

Section 2: Data Collection

- What data will you collect or reuse?
- How will the data be collected or created?

Section 3: Documentation and Metadata

- What documentation and metadata will accompany the data?

Section 4: Rights and Usage Guidelines

- How will you manage any ethical, copyright and licensing (Privacy) aspects (GDPR issues)?

Section 5: Storage and Backup

- How will the data be stored, accessed and backed up during the research?

Section 6: Selection and Preservation

- What should be retained, shared, or prior preserved?
- What is the long-term preservation plan for the dataset?
- Have you contacted the data repository?
- Have the terms of archiving been fully considered?

Section 7: Data Sharing and Accessibility

- How will you share the data and make it accessible?
- Are any restrictions on data sharing required?

Section 8: Responsible Data

- Who will be responsible for data management?

This document forms part of the Work Digital / Think Archive guidance for digital archives prepared by Defra, on behalf of Archaeological Archives Forum and in partnership with the Charred Materials for Archaeology (The project was funded by Historic England [Project ID: 7752]).

https://www.archaeologists.net/sites/default/files/downloads/selection-toolkit/digdigital_full_guidance.pdf

PARTHENOS

Pooling Activities, Resources and Tools
for Heritage E-research Networking,
Optimization and Synergies



DMP Researcher Template for Archaeological Datasets

Mandatory questions are marked with an asterisk.

Required

Email address*

Name and Surname*

Your research domain*

Affiliation

Role

DMP version

1.0 Outline the data utility: to whom will it be useful? *

Specify whether the data produced and/or used in the project is usable by third parties, in particular, after the end of the project. If the reuse of some data is restricted, explain why.

1.10 Describe any constraints concerning ethics and privacy *

- If third parties are involved in the project, consent forms from informants and test subjects are documented, and the documentation is electronically archived.
- If you are collecting personal data, you must have informed consent for storing, processing or publishing the data.
- Not applicable
- Other

Other, please specify

2. FAIR DATA

2.1 Making data Findable, including provisions for metadata

2.1.1 Do you provide metadata for data discoverability? *

- Yes
- No
- I don't know
- Other

Other, please specify

2.1.2 Specify standards used for metadata creation *

You can select type and format from the documents e.g. Service (ADS) (<http://www.workflows.ac.uk/>) or by the Data Arch (INAW-DANS) (<http://tiny.cc/meyarw>).

1.3 State the expected size of the data to be archived (GB)*

Express the value in Gigabytes



You can select from the list or add a new entry in the field 'Other'. You can search for discipline-specific standards and associate them by using the Research Data Alliance Metadata Standard.

- PARTHENOS Entities
- ARKINFO model (AO-OAI)
- GMARIE
- GDDD CRM
- DC - Dublin Core
- EDM - Empirical Data Model
- LDD
- DCAT
- Not available
- Other

Other, please specify

<https://www.parthenos-project.eu/portal/dmp>



Reusable

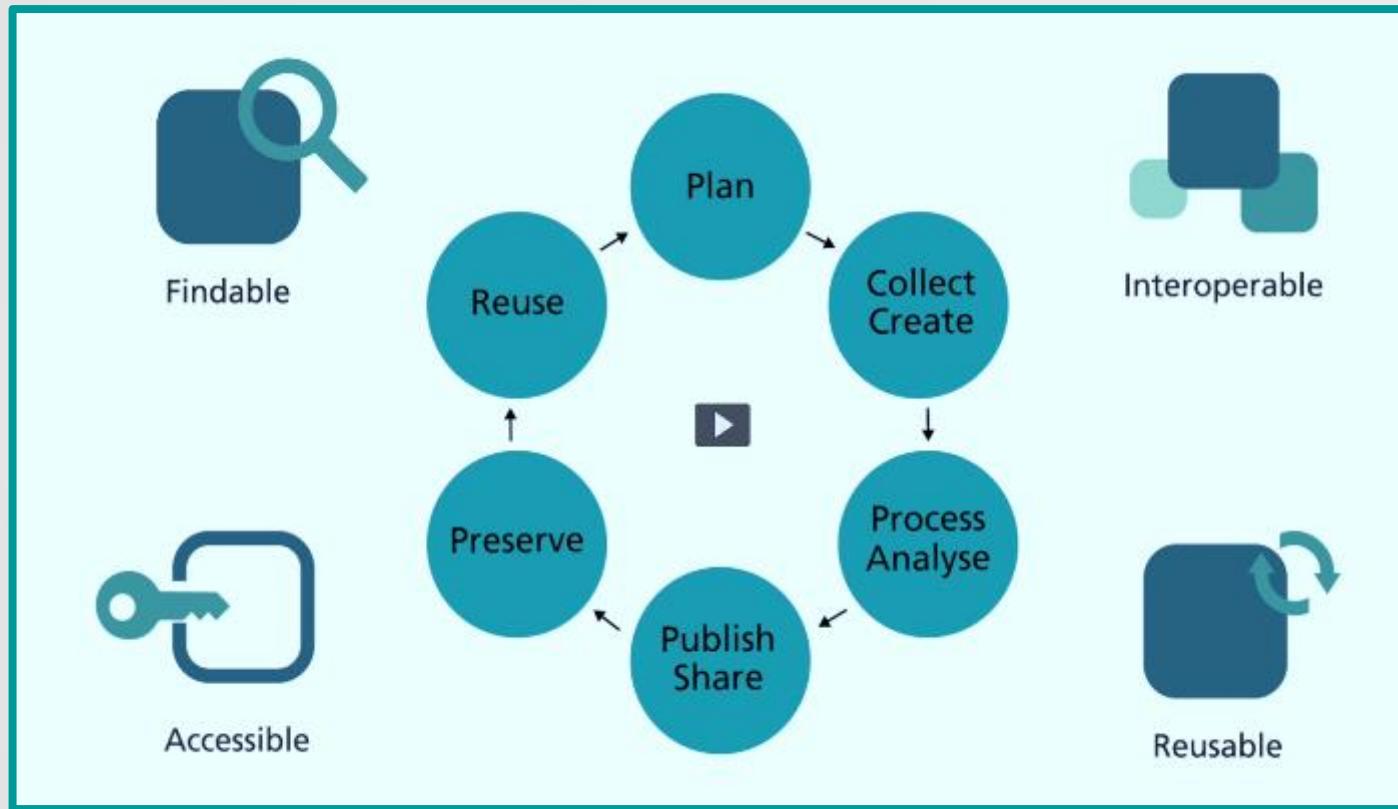
The screenshot shows the OpenAIRE EXPLORE interface. At the top, there are tabs for SEARCH, IMPORT, LINK, CONTENT PREVIEW, and DOWNLOAD. Below the tabs, a search bar contains the query "Archeologia e Calcolatori". The results page displays a list of publications, with the first item being "Archeologia e Calcolatori (Journal of Archaeological Computing)" by ARCHAEOLOGY & COMPUTATION. The page includes sections for SUMMARY, RELATED CONTENT, CITATIONS (7,000), and REFERENCES (40). A sidebar on the left lists "Recent Publications" and "Publications from 2018".

<https://explore.openaire.eu/>

This screenshot shows a detailed view of a publication entry. The title is "Informatica archeologica e archeologia digitale. Le risposte della rete". The page includes sections for SUMMARY, RELATED CONTENT, CITATIONS (75), and REFERENCES (2). The main content area features a large image of a classical map of Italy. To the right, there is a sidebar titled "Related items" containing links to "Archaeo-Data.it" and "OpenAIRE Global".

The Recogito interface features a header with the logo "partner of the Pelagios network". The main content area has a background image of a historical map of Italy. The text "Linked Data annotation without the pointy brackets" is displayed prominently. Below this, there is a section titled "Più informazioni" with a link "https://recogito.pelagios.org/".

<https://recogito.pelagios.org/>



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L'Archivio Istituzionale è finalizzato ad accogliere e rendere visibile ogni prodotto della ricerca dell'Istituto. L'ISTI privilegia l'Accesso Aperto, fatte salve le limitazioni derivanti da leggi e contratti.

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