

Current developments in cyber-infrastructure in European Archaeology

Julian Richards, ADS, University of York, UK
& Franco Niccolucci, PIN, University of Florence, Italy

- The Open Data Agenda
- National Infrastructures
- European Interoperability
- ARIADNE
- E-RIHS
- Some Issues



Open Data in Europe

13 June 2013 –
European
parliament
ratifies new rules
on Open Data -
includes cultural
heritage data



The screenshot shows a blog post by Neelie Kroes, Vice-President of the European Commission. The page header includes the European Commission logo, the text "Blog of Neelie KROES Vice-President of the European Commission", and a photo of Neelie Kroes. Navigation links for "Legal notice", "Privacy", "RSS", and "English (en)" are visible. The breadcrumb trail reads "European Commission > The Commissioners (2010-2014) > Neelie Kroes > Blog". The post title is "EU unlocks a great new source of online innovation", dated June 13th, 2013, with 9685 views. The main text discusses the European Parliament's vote on new rules for open data, highlighting the inclusion of cultural heritage data. A search bar and a "TAGS" section are also present on the right side of the page.

Legal notice | Privacy | RSS | English (en)

 Blog of Neelie KROES
Vice-President of the European Commission

European Commission > The Commissioners (2010-2014) > Neelie Kroes > Blog

« [Previous post](#) | [Blog](#) | [Next post](#) »

EU unlocks a great new source of online innovation

June 13th, 2013 | Number of views :9685

Today the [European Parliament](#) voted to formally agree new rules on open data – effectively making a reality of the proposal which [I first put forward just over 18 months ago](#), and making it **easier to open up huge amounts of public sector data**. This is about the data that public authorities can lawfully put out there – a huge wealth of **information about your public services, how administrations are spending your tax euros, geographical or cultural information**, and the like.

There's a huge benefit to opening up. Once information is out there, there is so much you can do with it. Today many of you are familiar with apps that tell you where you are and where you need to go – based on public data from [Global Positioning System](#) (GPS) satellites. But it goes beyond that: the boost from easier access is of the order tens of billions of euros. In short, this is an amazing raw material for innovation; we're basically sitting on a goldmine.

But to make a real difference you need a few things. You need prices for the data to be reasonable if not free – given that the marginal cost of your using the data is pretty low. You need to be able to not just use the data: but re-use it, without dealing with complex conditions. And you need a wide range of data from across the EU, with consistent rules to make it easier to handle (like being machine-readable,

RECENT POSTS

- [Money, money, money](#)
- [Safeguarding the open internet for all](#)
- [Mobile roaming and the four stages of grief](#)
- [EU's Member States agree on measures to improve broadband investment](#)
- [Guest blog – how the next big billionaire company can come from Europe](#)

SEARCH

Search

TAGS



2013: G8 Open Data Charter



18 June 2013: “a new era in which people can use open data to generate insights, ideas, and services to create a better world for all.”



The Five Principles

Policy paper

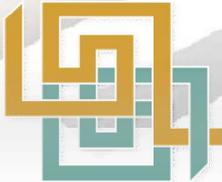
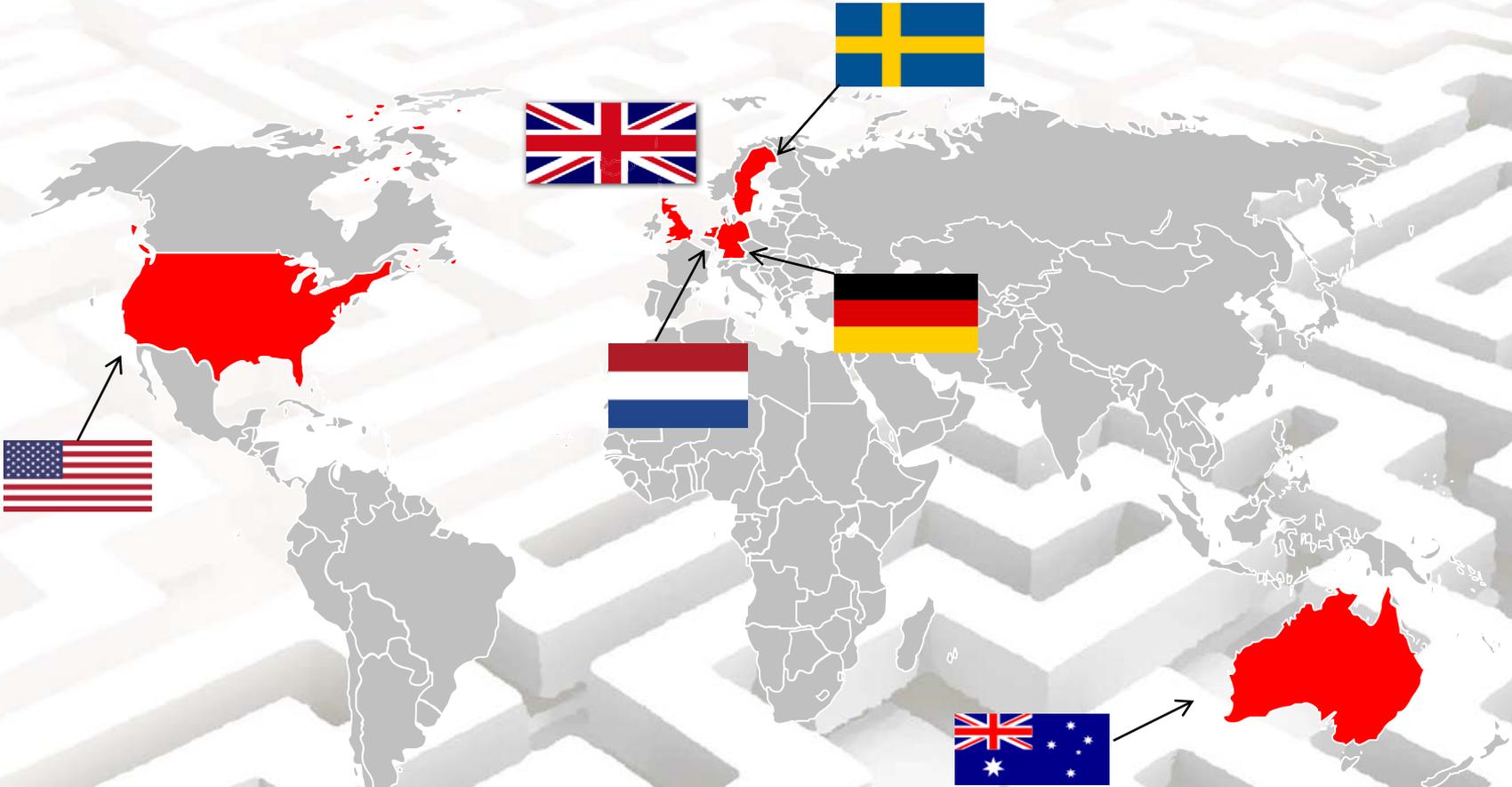
G8 Open Data Charter and Technical Annex

Published 18 June 2013

1. Open Data by Default
2. Increase Quality and Quantity for re-use
3. Usable by All
4. Releasing Data for improved Governance
5. Releasing Data for Innovation



National Preservation Infrastructures



UK: Archaeology Data Service

- Set up in 1996
- Based within the University of York
- 15 staff
- Business model based upon charging policy
- Trusted Digital Repository: Data Seal of Approval
- Received Digital Preservation Coalition's Decennial Award in 2012
- Feb 2016: 10Tb; 2,054,846 files; 18,505 recorded processes

The screenshot shows the homepage of the Archaeology Data Service (ADS). The header is red with the ADS logo and a search bar. Below the header is a navigation menu with links for HOME, ARCHSEARCH, ARCHIVES, LEARNING, ADVICE, OUR RESEARCH, BLOG, ABOUT US, and LOGIN. The main content area features three large buttons: EXPLORE, DISCOVER, and DEPOSIT. Below these is a section titled 'Supporting research, learning and teaching with free, high quality and dependable digital resources'. The main content area is divided into several sections: 'Featured collection' with a photo of the Clee Hills Project, Shropshire; 'January 2013: The ADS' growing Grey Literature Library'; 'January 2013: The Archaeological Journal of the Royal Archaeological Institute at ADS'; 'December 2012: Scottish Archaeological Internet Reports at the ADS'; and 'December 2012: ADS receives DPC Decennial Award'. The footer includes the University of York logo, the ADS logo, and a red bar with social media icons and legal statements.

Shared Data Standards



Archaeology Data Service / Digital Antiquity Guides to Good Practice

Log in

- Home
- Full Table of Contents
- **Digital Archiving**
 - About these Guidelines
 - How to use these Guides
 - What is Digital Archiving?
 - Archival Strategies
- **The Project Lifecycle**
 - Planning for the Creation of Digital Data
 - Project Documentation
 - Project Metadata
 - Data Selection: Preservation Intervention Points
 - The Project Archive: Storage and Dissemination
 - Copyright and Intellectual Property Rights
- **Basic Components**
 - Documents and Texts

This new and revised series of Guides to Good Practice have been produced as the result of a two-year collaborative project between the UK Archaeology Data Service and Digital Antiquity in the US. The project has encompassed important revisions of the existing six ADS *Guides* as well as the development of entirely new documents covering areas such as marine survey, laser scanning, close-range photogrammetry, digital audio and digital video. The project has involved previous Guides authors revising existing content alongside new authors, from both Europe and the US, also contributing to the development of the guides into new themes and areas.

The project has been undertaken in collaboration with the Digital Antiquity initiative, a US-based project with the aim of enhancing the preservation of and access to digital records of archaeological investigations. A major aim of the Guides is to provide the basis for archaeological project workflows that will create digital datasets that can be archived and shared effectively by Digital Antiquity's tDAR archive and repository in the US and by the Archaeology Data Service in the UK. The development of the *Guides* involves close collaboration with teams in the US at both the University of Arkansas and Arizona State University.

Other ADS projects have also fed into the revision and development of the Guides. ADS involvement in the European VENUS project has formed the basis of a guide focussed on marine survey. In addition, the incorporation of findings from the ADS Big Data project, together with the revision of the existing guide on aerial photography and remote sensing data, has seen a significant contribution to the guides from English Heritage funded projects.

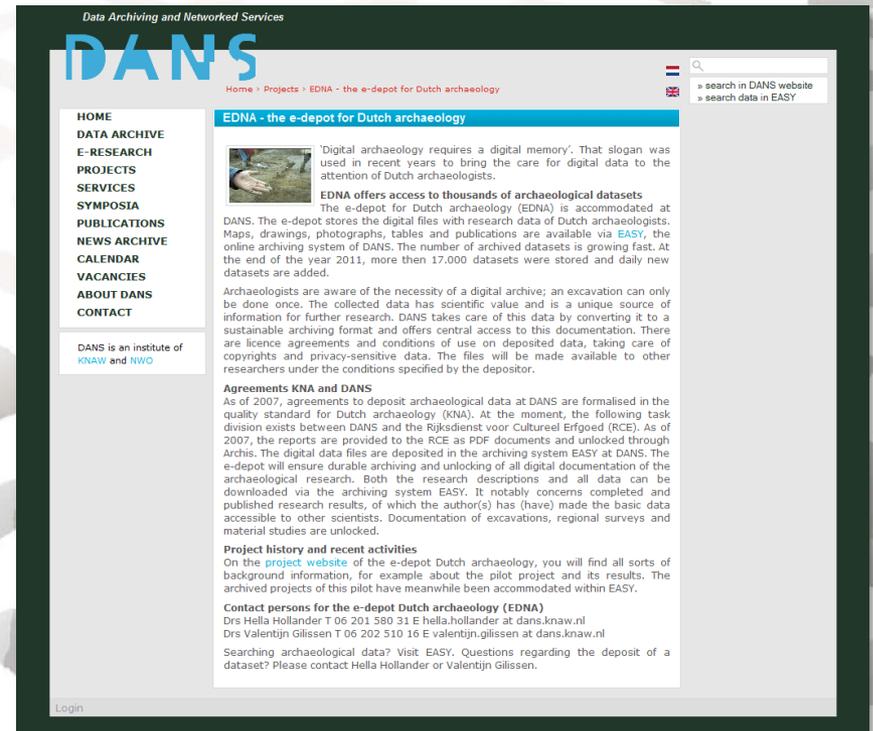
Previous versions of the ADS/AHDS Guides to Good Practice have been archived and are still available on the old Guides to Good Practice page.

View the full new Guides to Good Practice Table of Contents



Netherlands: eDNA

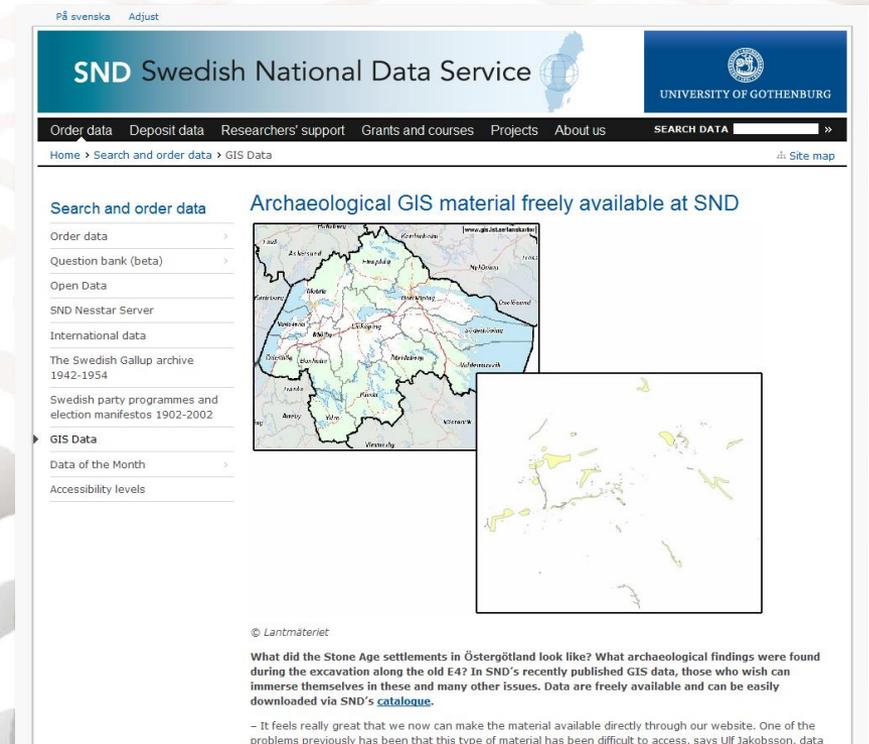
- 2004-6 pilot study – DANS & Leiden University
- 2007 eDNA
- 2 members of staff, plus DANS infrastructure
- 2016 – 25,000 reports and 4,000 excavation archives



The screenshot shows the DANS website interface. At the top, it says "Data Archiving and Networked Services" and "DANS". Below that, there is a navigation menu with links: HOME, DATA ARCHIVE, E-RESEARCH, PROJECTS, SERVICES, SYMPOSIA, PUBLICATIONS, NEWS ARCHIVE, CALENDAR, VACANCIES, ABOUT DANS, and CONTACT. The main content area is titled "EDNA - the e-depot for Dutch archaeology". It features a small image of an archaeological site and text explaining the project. The text states: "Digital archaeology requires a digital memory". That slogan was used in recent years to bring the care for digital data to the attention of Dutch archaeologists. "EDNA offers access to thousands of archaeological datasets". The e-depot for Dutch archaeology (EDNA) is accommodated at DANS. The e-depot stores the digital files with research data of Dutch archaeologists. Maps, drawings, photographs, tables and publications are available via EASY, the online archiving system of DANS. The number of archived datasets is growing fast. At the end of the year 2011, more than 17.000 datasets were stored and daily new datasets are added. Archaeologists are aware of the necessity of a digital archive; an excavation can only be done once. The collected data has scientific value and is a unique source of information for further research. DANS takes care of this data by converting it to a sustainable archiving format and offers central access to this documentation. There are licence agreements and conditions of use on deposited data, taking care of copyrights and privacy-sensitive data. The files will be made available to other researchers under the conditions specified by the depositor. Below this, there is a section titled "Agreements KNA and DANS" which discusses the quality standard for Dutch archaeology (KNA) and the Rijkdienst voor Cultureel Erfgoed (RCE). It mentions that as of 2007, reports are provided to the RCE as PDF documents and unlocked through Archis. The digital data files are deposited in the archiving system EASY at DANS. The e-depot will ensure durable archiving and unlocking of all digital documentation of the archaeological research. Both the research descriptions and all data can be downloaded via the archiving system EASY. It notably concerns completed and published research results, of which the author(s) has (have) made the basic data accessible to other scientists. Documentation of excavations, regional surveys and material studies are unlocked. There is also a section for "Project history and recent activities" and "Contact persons for the e-depot Dutch archaeology (EDNA)". The contact information provided is: Drs Hella Hollander T 06 201 580 31 E hella.hollander@dans.knaw.nl and Drs Valentijn Gilissen T 06 202 510 16 E valentijn.gilissen@dans.knaw.nl. At the bottom, there is a "Login" link.

Sweden: SND

- Swedish National Data Service, University of Gothenburg
- 2012 first archaeological archives, in collaboration with Uppsala University – GIS files, Östergötland
- Swedish Rock Art archives



The screenshot shows the website for the Swedish National Data Service (SND) at the University of Gothenburg. The page features a navigation menu with options like 'Order data', 'Deposit data', and 'Researchers' support'. A search bar is located in the top right. The main content area is titled 'Archaeological GIS material freely available at SND' and includes a map of Östergötland with various archaeological sites marked. A sidebar on the left lists categories such as 'Search and order data', 'Question bank (beta)', 'Open Data', and 'GIS Data'. Below the map, there is a copyright notice for 'Lantmäteriet' and a paragraph of text in Swedish discussing the availability of Stone Age settlement data.

På svenska Adjust

SND Swedish National Data Service  UNIVERSITY OF GOTHENBURG

Order data Deposit data Researchers' support Grants and courses Projects About us SEARCH DATA »

Home > Search and order data > GIS Data Site map

Search and order data Archaeological GIS material freely available at SND

Order data
Question bank (beta)
Open Data
SND Nesstar Server
International data
The Swedish Gallup archive 1942-1954
Swedish party programmes and election manifestos 1902-2002

GIS Data
Data of the Month
Accessibility levels

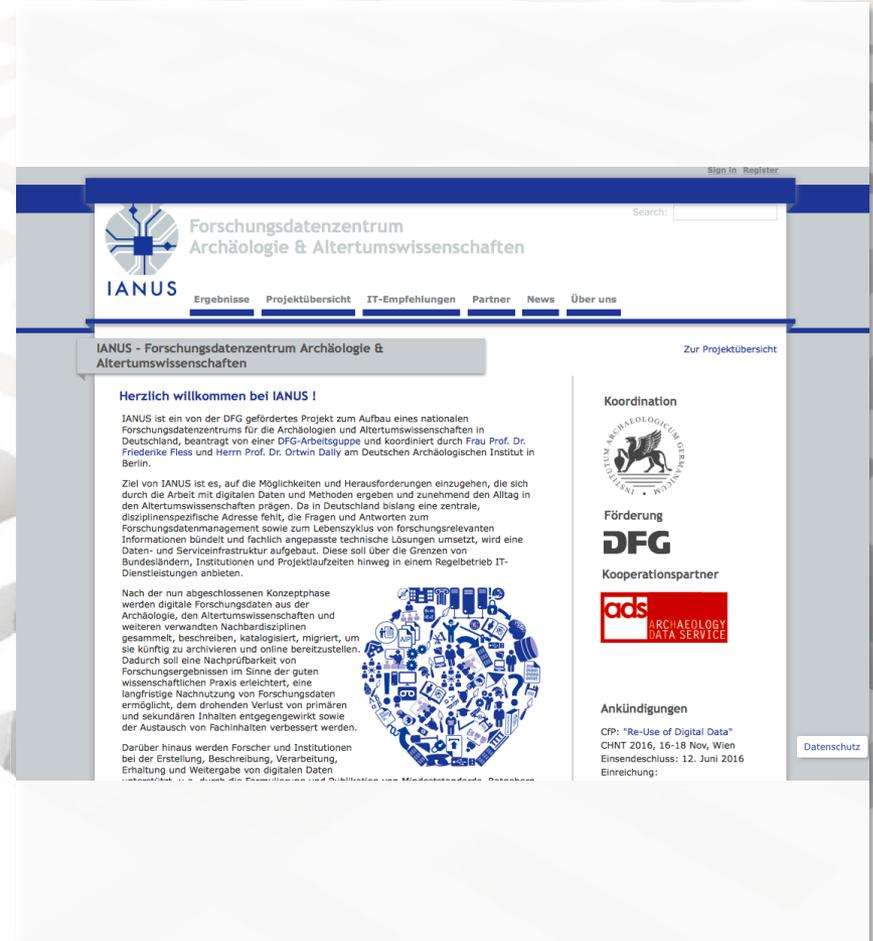
© Lantmäteriet

What did the Stone Age settlements in Östergötland look like? What archaeological findings were found during the excavation along the old E4? In SND's recently published GIS data, those who wish can immerse themselves in these and many other issues. Data are freely available and can be easily downloaded via SND's [catalogue](#).

– It feels really great that we now can make the material available directly through our website. One of the problems previously has been that this type of material has been difficult to access, says Ulf Jakobsson, data

Germany: IANUS

- 2012 – DAI scoping project
- Initial staff of two
- 2015 – Established with Director and 3 digital archivists



The screenshot shows the homepage of the IANUS (Forschungsdatenzentrum Archäologie & Altertumswissenschaften) website. The header features the IANUS logo, a search bar, and navigation links for 'Ergebnisse', 'Projektübersicht', 'IT-Empfehlungen', 'Partner', 'News', and 'Über uns'. The main content area is titled 'IANUS - Forschungsdatenzentrum Archäologie & Altertumswissenschaften' and includes a welcome message, a description of the project's goals, and a list of partners and sponsors. The footer contains contact information and a 'Datenschutz' link.

Sign In Register

Forschungsdatenzentrum
Archäologie & Altertumswissenschaften

IANUS

Ergebnisse Projektübersicht IT-Empfehlungen Partner News Über uns

Zur Projektübersicht

Herzlich willkommen bei IANUS !

IANUS ist ein von der DFG gefördertes Projekt zum Aufbau eines nationalen Forschungsdaten-zentrums für die Archäologie und Altertumswissenschaften in Deutschland, beauftragt von einer DFG-Arbeitsgruppe und koordiniert durch Frau Prof. Dr. Friederike Fless und Herrn Prof. Dr. Ortwin Dally am Deutschen Archäologischen Institut in Berlin.

Ziel von IANUS ist es, auf die Möglichkeiten und Herausforderungen einzugehen, die sich durch die Arbeit mit digitalen Daten und Methoden ergeben und zunehmend den Alltag in den Altertumswissenschaften prägen. Da in Deutschland bislang eine zentrale, disziplinspezifische Adresse fehlt, die Fragen und Antworten zum Forschungsdatenmanagement sowie zum Lebenszyklus von forschungsrelevanten Informationen bündelt und fachlich angepasste technische Lösungen umsetzt, wird eine Daten- und Serviceinfrastruktur aufgebaut. Diese soll über die Grenzen von Bundesländern, Institutionen und Projektlaufzeiten hinweg in einem Regelbetrieb IT-Dienstleistungen anbieten.

Nach der nun abgeschlossenen Konzeptphase werden digitale Forschungsdaten aus der Archäologie, den Altertumswissenschaften und weiteren verwandten Nachbardisziplinen gesammelt, beschreiben, katalogisiert, migriert, um sie künftig zu archivieren und online bereitzustellen. Dadurch soll eine Nachprüfbarkeit von Forschungsergebnissen im Sinne der guten wissenschaftlichen Praxis erleichtert, eine langfristige Nachnutzung von Forschungsdaten ermöglicht, dem drohenden Verlust von primären und sekundären Inhalten entgegengewirkt sowie der Austausch von Fachinhalten verbessert werden.

Darüber hinaus werden Forscher und Institutionen bei der Erstellung, Beschreibung, Verarbeitung, Erhaltung und Weitergabe von digitalen Daten unterstützt.

Koordination



Förderung

DFG

Kooperationspartner



Ankündigungen

CP: "Re-Use of Digital Data"
CHNT 2016, 16-18 Nov, Wien
Einsendeschluss: 12. Juni 2016
Einreichung:

Datenschutz

- DAI central object database
- 300,000 images
- Metadata mapped to CIDOC-CRM

The screenshot displays the Arachne website interface. At the top, there is a navigation menu with links for 'ABOUT IDAI.IMAGES/ARACHNE', 'CONTENT', 'INTERFACES', 'HELP', 'USER AGREEMENTS / ORDERS', 'IMPRINT', and 'CONTACT'. Below this is a search bar with a 'Search' button and an 'Extended search' link. The main content area is divided into several sections:

- STARTSEITE**: A 'Welcome' message followed by a paragraph describing Arachne as the central Object database of the German Archaeological Institute (DAI) and the Archaeological Institute of the University of Cologne, administered by Reinhard Foertsch. It details the system's purpose for providing a free internet research tool for archaeologists and Classicists, highlighting its use of CIDOC-CRM and Semantic Web technologies.
- Login:** A section with 'User:' and 'Password:' input fields, a 'Login' button, and links for 'Forgotten your password?' and 'Create account'.
- News:** A list of recent news items, including 'Arachne 3.9.1', 'Arachne 3.9', 'Arachne 3.8', 'Arachne 3.7', 'Arachne 3.6.5', 'Pelagios cooperation results', 'Arachne 3.6.4', 'Arachne 3.6.3', and 'IDAI bookbrowser: new books available'.
- Contents of Arachne:** A horizontal strip of thumbnail images representing various archaeological objects and projects.
- Pergamonaltar:** A detailed view of the Pergamon Altar, featuring a large image of the Great Relief and the Telephos Relief, accompanied by descriptive text and a 'Pergamon Browser' interface for further research.

At the bottom of the page, there is a footer containing the University of Cologne Archaeological Institute logo and contact information (Albertus Magnus Platz, D-50923 Köln), copyright information (© 2013, foertsch@uni-koeln.de), and the German Archaeological Institute logo and contact information (Podbielskiallee 69-71, D-14195 Berlin). There are also Creative Commons BY-NC-ND license icons.

- Established 2000
- AIAC/ LP Archaeology
- Database of excavations for classical archaeology
- 12,000 excavation reports

Language >>

FASTIONLINE

HOME | ABOUT | VOLUNTEER | CONTACT | SEARCH | FOLD&R

A database of archaeological excavations since the year 2000

The 5 most recently published FOLD&Rs

269 - Carlo Rescigno . 2012.
Cuma, acropoli. Scavi al Tempio Superiore: il
campagna (estate 2012).
[PDF] [permalink] [Record Sheet]

268 - Simonetta Menchelli, Oriana
Cerbone. 2012.
Ceramiche fini nell'ager Firmanus (Fermo,
Marche meridionali).
[PDF] [permalink] [Record Sheet]

267 - Marco Valenti. 2012.
Miranduolo (Chiusdino - SI) Campagna 2012.
[PDF] [permalink] [Record Sheet]

266 - Marco Valenti. 2012.
Santa Cristina (Buonconvento - SI): le
campagne di scavo dal 2009 al 2012.
[PDF] [permalink] [Record Sheet]

265 - Giuseppe Lepore, Giuliano de
Marianis, Francesco Bellioni , FedERICA
Boschi , Michele Silani . 2012.
Progetto "archeologia urbana a Senigallia" II:
le ricerche di via Baroccio e di via Gherardi .
[PDF] [permalink] [Record Sheet]

To use the database for a country click on the map | Jump to Country Country >>

The latest Fasti site video

Fasti Online is a project of the International Association of
Classical Archaeology (AIAC) and the Center for the Study
of Ancient Italy of the University of Texas at Austin (CSAI)

The project is supported by the Italian Ministry of Cultural
Heritage (MiBAC), the Classical Association, the Society for
the Promotion of Roman Studies, the Ukrainian Studies
Fund of Harvard University and L - P - Archaeology.
Web, GIS and Database Design by L - P - Archaeology
© 2004 - 2012 AIAC - CC BY-SA

AIAC

CSAI CENTER FOR THE STUDY OF ANCIENT ITALY
UNIVERSITY OF TEXAS AT AUSTIN

HOME ABOUT VOLUNTEER CONTACT SEARCH FOLD&R © 2004-2012 AIAC Design by L - P - Archaeology Powered by ARK

Interoperability & Data Integration



Hansen, H.J., 1992
'European archaeological databases: problems and prospects', in J. Andresen *et al.* (eds) *Computing the Past. Computer Applications and Quantitative Methods in Archaeology*. Aarhus. 229-37.



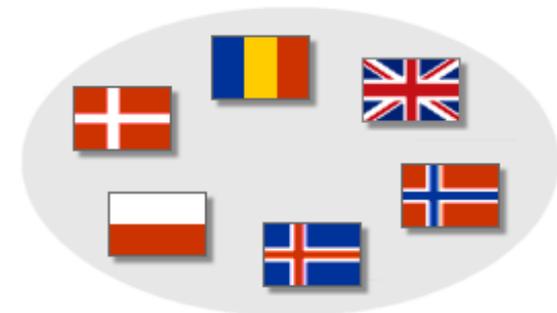
ARENA

Archaeological Records of Europe - Networked Access

Welcome to the ARENA search portal.

Please select a flag from the right to start searching in your language

The ARENA search portal allows you to search for archaeological sites and monuments from six European countries: Denmark, Great Britain, Norway, Iceland, Romania and Poland.



The content of this project does not necessarily reflect the position of the European Community, nor does it involve any responsibility on the part of the European Community.



Education and Culture **Culture 2000**



© ADS 1996- Edited by Jo Clarke, email

Cite only: <http://ads.ahds.ac.uk> for this page



Archaeological Records of Europe - Networked Access

The ARENA Portal

When

Select a period from the list below. Your choice will be highlighted on the diagram. For more information on the time span for each period hover your mouse over the period diagram

- Palaeolithic
- Mesolithic
- Neolithic
- Bronze Age
- Iron Age
- Greek
- Roman
- Early Medieval
- Medieval
- Post Medieval
- Modern
- All periods



Store value

DARIAH: ARENA2

2009-10

Technical demonstrator

Web services architecture

The screenshot shows the DARIAH website homepage. The header includes the DARIAH logo and the text "Digital Research Infrastructure for the Arts and Humanities". The main content area is divided into several sections: "WELCOME TO DARIAH" with a brief description of the project's goals; "EVENTS" listing upcoming conferences and meetings; "Latest News" featuring a "DARIAH Project Kick-Off Meeting" announcement; and a "LOGIN" section with fields for username and password. A navigation menu on the left lists various site sections like Home, About DARIAH, Partners, Newsletters, Events, FAQ, Links, Vacancies, Search, and Contact.

The screenshot displays the ARENA2 query builder interface. At the top, it features the ARENA logo and the title "Archaeological Records of Europe - Networked Access". Below this is a "QUERY" section with a "QUERY BUILDER" tab. The interface is divided into three main sections: "KEYWORD" with an "Add keyword" button; "WHERE" with a map of Europe showing various countries and regions; and "WHEN" with a timeline chart. The "WHEN" chart shows a horizontal axis from 100,000 to 2000 years ago, with colored bars representing different archaeological periods. The "WHERE" section includes a "WHERE" label, a "Navigate map" button, and a "Click and drag select box" button. The "WHEN" section includes a "WHEN" label and a list of archaeological periods with radio buttons for selection. The interface also includes "RESET QUERY" and "SEARCH" buttons. At the bottom, it states "ARENA2 is hosted by the Archaeology Data Service" and provides language options: "language: en | ro | nl".

Europeana

Site map Register Login English



Home About Activities News Resources Community Links

Home

CARARE is a best practice network funded by the European Commission's [ICT Policy Support Programme](#).

CARARE brings together heritage agencies and organisations, archaeological museums and research institutions and specialist digital archives from all over Europe to establish a service that will make digital content for Europe's unique archaeological monuments and historic sites interoperable with [Europeana](#). It aims to add the 3D and Virtual Reality content to Europeana.

"Bringing content for archaeology and historic buildings to Europeana users."

Partner of 

News

Major Tomb Discovery in Bulgaria

Dr. Diana Gergova of NAIM, Bulgaria and

CARARE partner, recently made a wonderful discovery during an excavation at the Omurtag Mount at the famous Sveshtari Royal Tomb.

CARARE and EDM Case Study

CARARE and the Europeana Ingestion team have published their case study on "CARARE and the EDM" about how the CARARE schema was developed for the specific domain of archaeology and architecture and mapped to Europeana Data Model.

Leaving Europe: A new life in America

Europeana is pleased to announce the launch of Leaving Europe: A new life in America.

[Pyrga Loves Monuments](#)

Home Explore Help About Us Follow Us My Europeana Choose a language



Explore Europe's cultural collections

archaeology data service [Help](#)

[Refine your search](#)

Matches for: [archaeology data service](#) > TYPE:3D

Results 1 - 12 of 40 Page: 1 2 3 4 → [Like](#) [0](#) [Text](#) [+](#)

Filter your search:

- By media type
 - IMAGE (18,026)
 - TEXT (16,133)
 - 3D (40)
- By language
- By country
- By copyright
- By provider
- Include content contributed by users

Legend:

- Image
- Video
- Text
- Sound
- 3D

			
Small Figurine (34936)	Sculpted Face (likely an Amarna princess...)	None Available (36376)	Wooden Head (38819)
			
Clay Mould (35582)	Clay Mould (36178)	Wooden Artifact (5239)	Offering Table (37679)
			
Amarna Figurine (8902)	Pottery Stand (56217)	Statue Fragment (possible crown)	Offering Table (37678)

Results 1 - 12 of 40 Page: 1 2 3 4 → [Like](#) [0](#) [Text](#) [+](#)

Site map Terms of Use & Policies Contact co-funded by the European Union

TAG: Transatlantic Gateway

Transatlantic Archaeology Gateway

TAG

QUERY

RESET QUERY SEARCH

QUERY BUILDER

KEYWORD [Add keyword](#)

WHERE [Navigate map](#) [Click and drag select box](#)

WHAT

- Agriculture and Subsistence
- Civil
- Commemorative
- Commercial
- Communications
- Defence
- Domestic
- Education
- Health and Welfare
- Industrial
- Maritime
- Recreational
- Transport
- Water Supply and Drainage

WHEN From to [Set date range](#)

TAG is hosted by the Archaeology Data Service

JISC NATIONAL ENDOWMENT FOR THE HUMANITIES

Transatlantic Archaeology Gateway

Searching digital archives in the UK and the USA

TAG

QUERY

WHAT Agriculture and Subsistence WHEN from -4830 to 433 [AMEND QUERY](#)

RESULTS

ADS Archive Web Service [UK]:

Results: Listing top 5 of 74 records hold in our database relevant to this query.

Title	Depositor
The Upper Derwent: long-term landscape archaeology in the P ...	Bevan
Technologies of enchantment: Celtic Art in Iron Age and Rom ...	Duncan Garrow
The British archaeological project at the Iron Age emporium ...	Zofia Archibald
Cossington, Leicestershire	John Thomas
Rapid Archaeological Site Surveying and Evaluation in the M ...	Richard Bates

[See More Results](#)

tDAR TAG Gateway Service [USA]:

Results: Listing top 5 of 59 records hold in our database relevant to this query.

Compare datasets within these results: [Click Here](#)

Title	Depositor
Ban Chiang, a Prehistoric Village Site in Northeast Thailan ...	
Gordon Seals and Sealings Individuals and Society	
Tikal Report 34, Part A: Additions and Alterations: A Comme ...	
The Artifacts of Tikal—Ornamental and Ceremonial Artifacts ...	
Prehistoric Hunter-Gatherers of the Baikal Region, Siberia ...	

[See More Results](#)

TAG is hosted by the Archaeology Data Service | [Legal statements and disclaimers](#) [Help](#)

JISC NATIONAL ENDOWMENT FOR THE HUMANITIES

Ariadne



About Ariadne

[Read More](#)

ARIADNE brings together and integrates existing archaeological research data infrastructures so that researchers can use the various distributed datasets and new and powerful technologies as an integral component of the archaeological research methodology. There is now a large availability of archaeological digital datasets that, together, span different periods, domains and regions; more are continuously created as a result of the increasing use of IT. These are the accumulated outcome of the research of individuals, teams and institutions, but form a vast and fragmented corpus and their potential has been constrained by difficult access and non-homogenous perspectives.

Latest News

[See All](#)

- Mar 22 2016 [ARIADNE data management workshops in Vienna and Ljubljana](#)
- Mar 4 2016 [CHNT-2016 Call for Papers, Posters & Apps open](#)
- Feb 29 2016 [Archaeological data management](#)

Events

[See All](#)

- Nov 28 2016 [IKUWA6](#)
- Nov 24 2016 [ICDH 2016](#)
- Nov 22 2016 [MTSR 2016](#)
- Nov 16 2016 [ARIADNE at CHNT-2016](#)

Tweets by @Ariadne_Network

 Ariadne_Network Retweeted
 **Julian D Richards**
@Julian62523002
New ESFRI 2016 Roadmap launched in Amsterdam last week - Includes Heritage Science [e-rihs.eu](#), incorporating [@Ariadne_Network](#)

 **Ariadne_Network**
@Ariadne_Network
FORTMED 2016 Call for abstracts deadline 15th March [ariadne-infrastructure.eu/Events/FORTMED...](#)

[Embed](#) [View on Twitter](#)



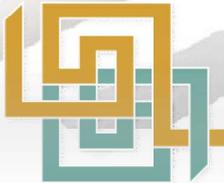
What is ARIADNE

- ARIADNE is a EU-funded project aimed at integrating the European Research Infrastructures on archaeological datasets
- Its overall goal is to overcome the fragmentation of archaeological data repositories and to foster a culture of data sharing and re-using
- ARIADNE is managed by a partnership joining the excellence of European archaeology and technology, and is open to the collaboration of researchers, professionals and institutions from anywhere in Europe and abroad



The ARIADNE partnership

- Coordination
 - PIN
 - UoY-ADS



ARIADNE activities

- User needs survey
 - 700 respondents
- Transnational access and training schools
 - 90 trainees
- Data standards and good practice
- Linked data experiments
- ARIADNE Services
- ARIADNE portal: <http://ariadne-portal.dcu.gr/>





Services

The Visual Media Service

The ARIADNE Visual Media Service provides easy publication and presentation on the web of complex visual media assets. It is an automatic service that allows to upload visual media files on an ARIADNE server and to transform them into an efficient web format, making them ready for web-based visualization.

<http://visual.ariadne-infrastructure.eu>

The Landscape Services

Landscape Services for ARIADNE are a set of responsive web services that include large terrain datasets generation, 3D landscape composing and 3D model processing, leveraging on powerful open-source frameworks and toolkits such as GDAL, OSGjs, OpenSceneGraph and ownCloud.

<http://landscape.ariadne-infrastructure.eu>



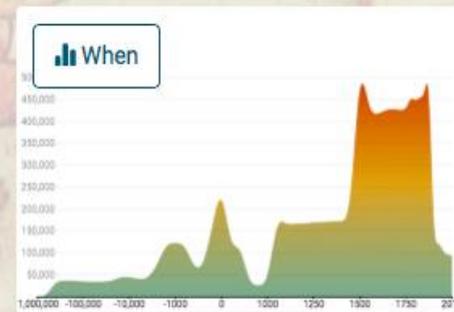
ARIADNE

All fields ▾ Search for resources in the Ariadne catalog ...

Welcome

ARIADNE brings together and integrates existing archaeological research data infrastructures so that researchers can use the various distributed datasets and new and powerful technologies as an integral component of the archaeological research methodology.

Browse the Catalog



What

Construction
COIN
PIT HOUSE FIND
RESIDENTIAL
FINDSPOT Evaluation
ENCLOSURE SITE



Start a new search...



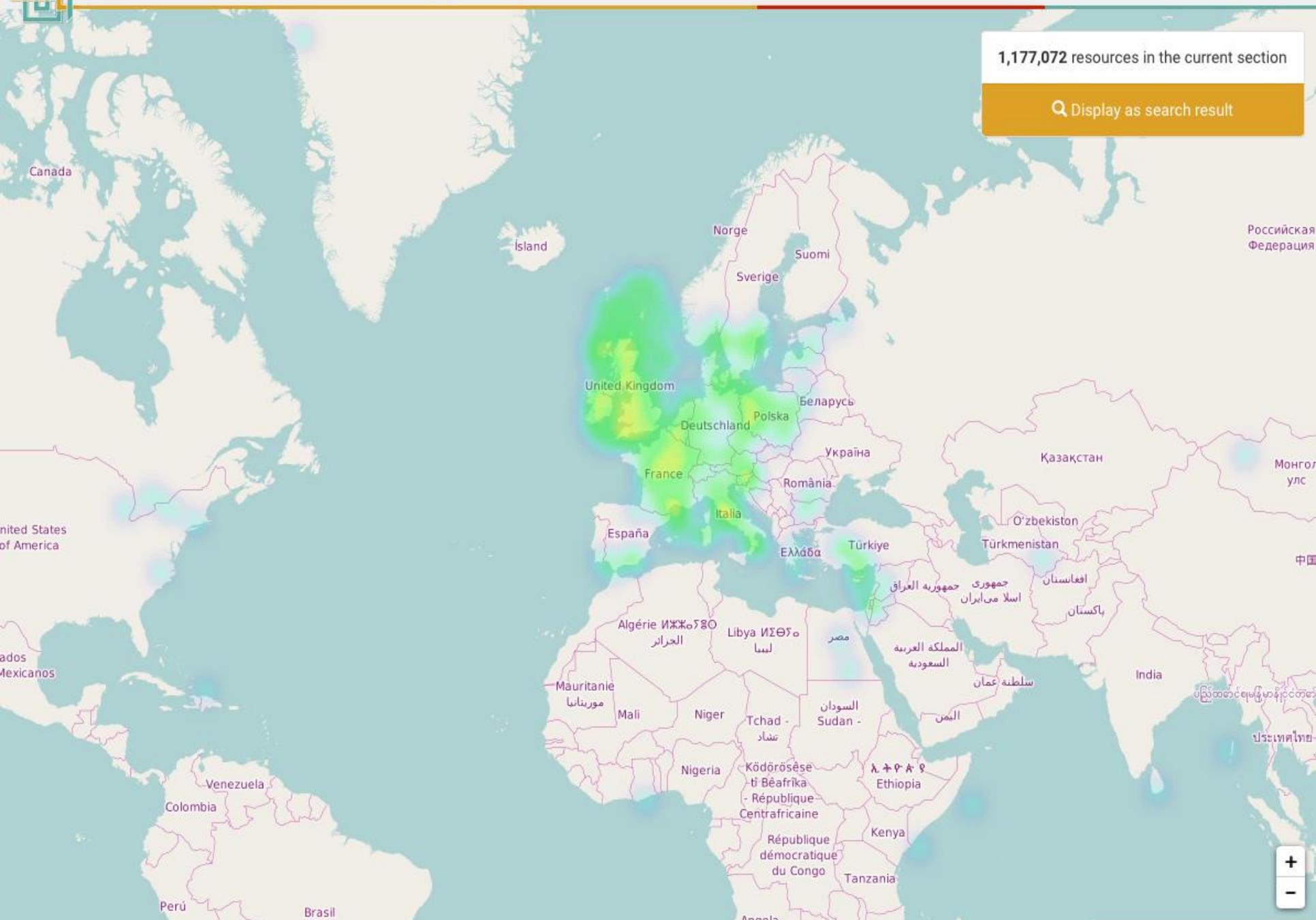
Catalog

Services

About

1,177,072 resources in the current section

Display as search result





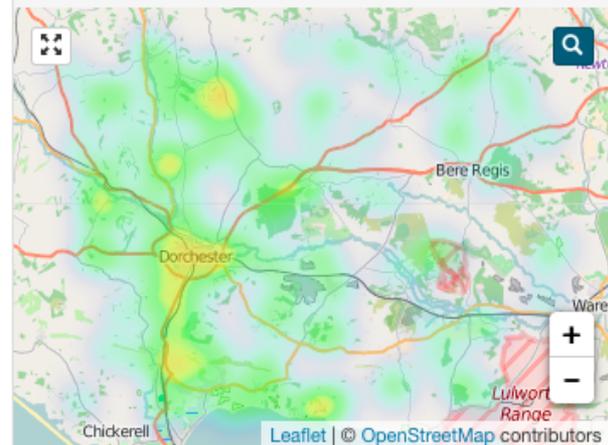
Current search

*

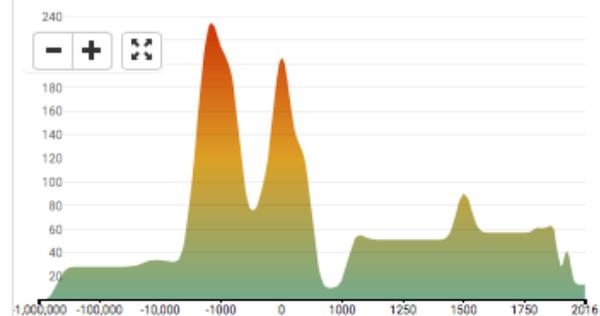


Filters

Where



When



Total results: 529

Order By Score



WINFRITH

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service



CHURCH OF ST NICHOLAS

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service



Two evaluation trenches were excavated in advance of proposed works, recording parts of five burials of probable 15th-16th century date.



MANOR DRIVE, WEST STAFFORD

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service



Monitoring of the erection of two cottages; negative results



LAND SOUTH WEST OF POUNDBURY FARM

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service



Royal Observer Corps Monitoring Post

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service



Condition: Destroyed



Royal Observer Corps Monitoring Post

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service



Condition: Destroyed



Total results: 1

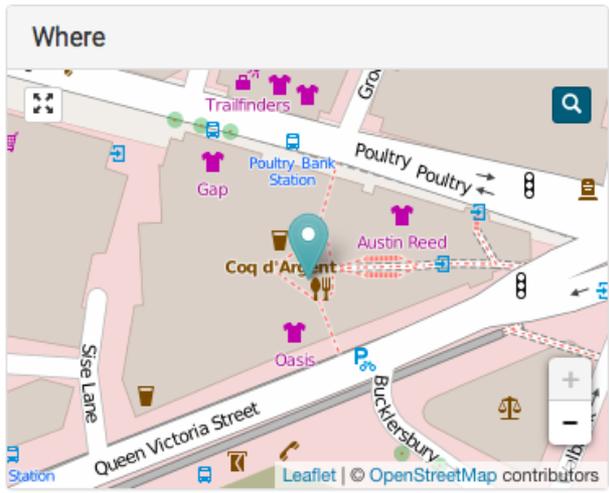
Order By Score

Current search

* [Search]

Filters

Resource type: Fieldwork archives



When [Timeline view with zoom controls]



Number 1 Poultry (ONE 94)



Type: Fieldwork archives Publisher: Archaeology Data Service

The site of 1 Poultry is located near the Bank of England, in the heart of the City of London. During the 1990s, one of the largest excavations in the City recovered a remarkable archaeological sequence from the 1st to the 20th century AD. This was augmented by findings from nearby sites a...



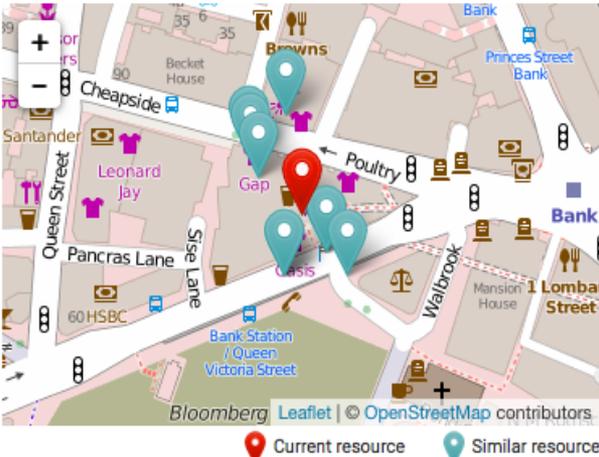
← Back to search results

Number 1 Poultry (ONE 94)



Access resource on the web

Geographically similar



Thematically similar

- Maltings Lane, Witham, Essex Archaeological Excavation
- The evolution of Rome's maritime facade: archaeology and geomorphology at Castelporziano
- Framework Archaeology Heathrow Terminal 5 Excavation Archive
- Mill Close, Grantham, Lincolnshire. Archaeological Watching Brief
- Mersham ARC MSH 98
- Archaeological and cultural heritage investigations on the site of the London 2012 Olympic and Paralympic Games

The site of 1 Poultry is located near the Bank of England, in the heart of the City of London. During the 1990s, one of the largest excavations in the City recovered a remarkable archaeological sequence from the 1st to the 20th century AD. This was augmented by findings from nearby sites at Bucklersbury, Lothbury, Lombard Street, 72-75 Cheapside, 76-80 Cheapside, 36-37 King Street and Mansion House. 1 Poultry lies immediately west of the point where the main east-west road through Roman London bridged the Walbrook stream and uncovered an unparalleled sequence of buildings, roads, and open spaces. A timber drain of AD 47 beneath the main road is the earliest, securely dated structure yet known from Londinium, and a pottery shop, destroyed in the Boudican revolt, gives a snapshot of life in AD 60/61. A 2nd-century AD writing tablet preserves the only evidence for the sale of a slave found in Britain to date, while the 3rd- and 4th-century AD buildings on the site provide a rare demonstration of the continuities and changes that occurred in Roman urban life.

Read more

- Early Medieval
- Medieval
- Post Medieval
- Roman

World, Europe, United Kingdom, England, Greater London, London, City of London [7011798]

Metadata

ARIADNE ID	19138479
Original ID	1297
Language	English
Resource type	Fieldwork archives
Dating	Early Medieval Medieval Post Medieval Roman
Place	World, Europe, United Kingdom, England, Greater London, London, City of London [7011798] [-0.0907642, 51.51328]
Type	Collection
Publisher	Archaeology Data Service [Organization]

Number 1 Poultry (ONE 94)

Museum of London Archaeology, 2013

[Introduction](#)

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Archaeology unless otherwise stated



ENGLISH HERITAGE

Primary contact

Julian Hill
Post-Excavation Project Manager
Museum of London Archaeology
Mortimer Wheeler House
46 Eagle Wharf Road
London
N1 7ED
UK

Introduction

The site of 1 Poultry is located near the Bank of England, in the heart of the City of London. During the 1990s, one of the largest excavations in the City recovered a remarkable archaeological sequence from the 1st to the 20th century AD. This was augmented by findings from nearby sites at Bucklersbury, Lothbury, Lombard Street, 72-75 Cheapside, 76-80 Cheapside, 36-37 King Street and Mansion House.

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Poultry occupied a prominent position at the eastern end of Cheapside, the city's principal medieval market street; integrating documentary evidence with the archaeological record has provided an outstandingly detailed account of this area. Reoccupation of the site in the later 10th century AD began with the construction of scattered sunken-floored buildings; a more regular pattern of settlement, characterised by narrow-fronted timber buildings along the roadsides, had developed by the early 11th century. Occupation became progressively denser up to the 13th century, when large stone-built houses began to be constructed in previously open areas behind the street frontages. Metalworking evidence from the excavated buildings indicates early economic activity, corresponding with later documentary evidence for smiths, ironmongers and other metalworkers in the area. The Great Conduit, the City's first piped water supply, was established in



Number 1 Poultry (ONE 94)

Museum of London Archaeology, 2013

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Primary contact

Julian Hill
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 Mortimer Wheeler House
 46 Eagle Wharf Road
 London
 N1 7ED

Downloads

The downloads are split into separate sections for each site (see [overview](#) for details). Please note that each site has separate file metadata, however conventions and codes for CAD and spreadsheet files are common to all sites and are presented as overarching metadata below. The concordance document gives further details of the relationships between ONE94 and the satellite sites.

Concordance document	PDF	623 Kb
MoLA CAD layer conventions	PDF	78 Kb
Spreadsheet conventions	CSV	40 Kb

[ONE94](#) | [BOL94](#) | [BUC87](#) | [CID90](#) | [DOC87](#) | [LOM88](#) | [BRD88](#) | [KNG85](#) | [LHY88](#) | [SON85](#) | [MHO92](#) | [PLY87](#)

ONE 94 (1 Poultry)

File Metadata ONE94	TXT	11 Kb
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Spreadsheet files

ONE94 abonedata01	CSV	1.25 Mb
ONE94 anbntab07	CSV	1.29 Mb
ONE94 anbntab08	CSV	39 Kb
ONE94 anbntab09	CSV	852 Kb
ONE94 anbntab10	CSV	874 Kb
ONE94 biblio01	CSV	6 Kb
ONE94 bmdata01	CSV	213 Kb
ONE94 botdata01	CSV	49 Kb
ONE94 botrentab02	CSV	13 Kb

The logo for ARIADNE features a stylized, multi-colored geometric symbol on the left, composed of overlapping squares and lines in yellow, orange, and teal. To the right of this symbol, the word "ARIADNE" is written in a large, bold, red, sans-serif font with a slight 3D effect and a thin underline.

All fields ▾

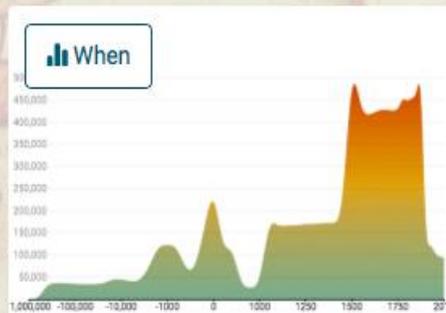
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Welcome

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Browse the Catalog

[Where](#)[When](#)[What](#)



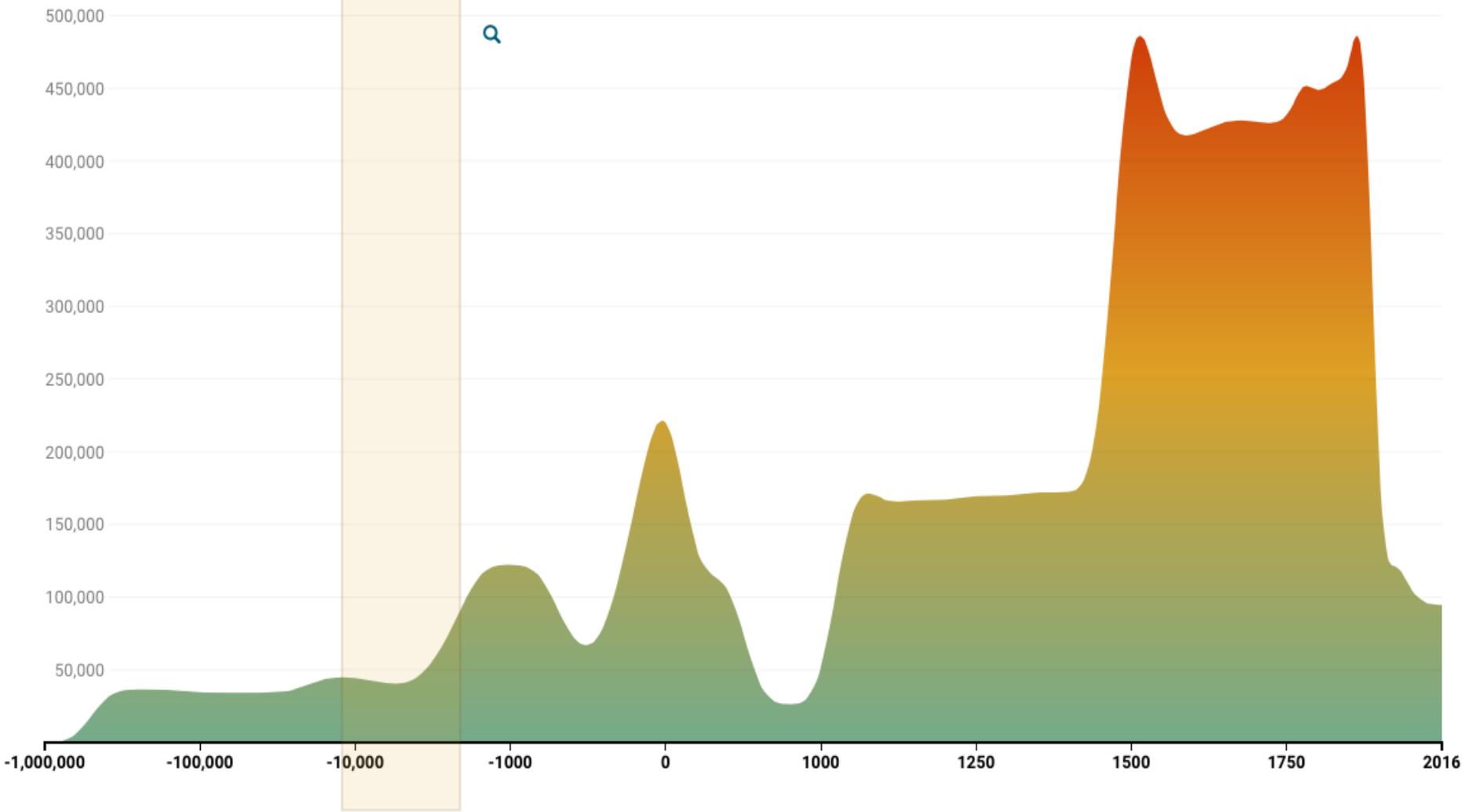
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Catalog

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About





PeriodO

A gazetteer of period definitions for linking and visualizing data.

[Download](#)

the period definitions as JSON.

[Use](#)

the PeriodO period browser.

What is this?

PeriodO is a gazetteer of scholarly definitions of historical, art-historical, and archaeological periods. It eases the task of linking among datasets that define periods differently. It also helps scholars and students see where period definitions overlap or diverge.

Who are you?

The PeriodO project is led by [Adam Rabinowitz](#) (University of Texas at Austin), [Ryan Shaw](#) (University of North Carolina at Chapel Hill), and [Eric Kansa](#) ([OpenContext](#)). Patrick Golden developed the [PeriodO software](#) and [Sarah Buchanan](#) helped curate the initial dataset. Our work is funded by a Digital Humanities Start-Up Grant from the [Office of Digital Humanities](#) at the National Endowment for the Humanities.

Tell me more.

Start by looking at the [guide to using PeriodO](#).

You may also be interested in reading about the [motivation](#) for the project or getting a [technical overview](#). Further information can be found in our [publications](#). To keep up with PeriodO developments, follow us on Twitter: [@perio_do](#). Or [contact us](#) and ask whatever you want!



ARIADNE

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Total results: 23,171

« 1 2 3 4 5 »

Order By Score

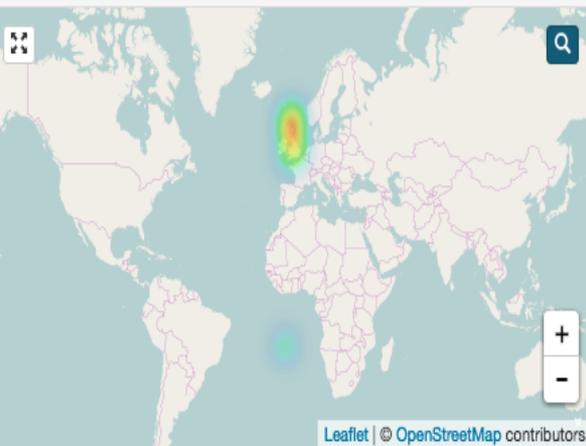
Current search

CARGO%20VESSEL



Filters

Where



Leaflet | © OpenStreetMap contributors

When



DUKE OF CLARENCE



Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

BRITISH CARGO VESSEL, 1801

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



GIRALDA



Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

SCOTTISH CARGO VESSEL, 1918

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



BEATRICE



Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

WELSH CARGO VESSEL, 1917

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



IOLANTHE



Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

POSSIBLE REMAINS OF BRITISH CARGO VESSEL, 1918

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



CARGO VESSEL 22,851

WRECK 17,827

MARITIME 5,182

TRANSPORT CRAFT 5,158

SCHOONER 3,661

BRIG 2,309

BARQUE 1,219

SLOOP 1,196

STEAMSHIP 831

BRIGANTINE 809

+ Load more

Derived Subject

cargo vessels 22,851

marine structures 5,181

schooners 3,662

jackass bargues 1,219



OTWAY

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

ENGLISH CARGO VESSEL, 1801

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



LA FRATERNITE

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

FRENCH CARGO VESSEL, 1916

Derived Subject: cargo vessels

Native Subject: CARGO VESSEL DRY BULK CARGO CARRIER



AILSA CRAIG

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

IRISH CARGO VESSEL, 1918

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



No title

Type: Sites and monuments databases or inventories Publisher: Archaeology Data Service

CARGO VESSEL, 1632

Derived Subject: cargo vessels

Native Subject: ARMED CARGO VESSEL CARGO VESSEL



Next Steps: E-RIHS



■ ABOUT



Heritage interpretation,
preservation,
documentation and
management



The European Research Infrastructure for Heritage Science (E-RIHS) will support research on heritage interpretation, preservation, documentation and management. It will comprise: E-RIHS Headquarters and National Hubs, fixed and mobile national infrastructures of recognized excellence, physically accessible collections/archives and virtually accessible heritage data.



Some Issues

- Sustainable business models for national infrastructures
- Fragmentation and diverse data resources
- Shared data standards & Interoperability
- National rights frameworks and licensing issues
- Language; national vocabularies
- Periodisation



Thank you for listening

ARIADNE is a project funded by the European Commission under the Community's Seventh Framework Programme, contract no. FP7-INFRASTRUCTURES-2012-1-313193.

The views and opinions expressed in this presentation are the sole responsibility of the authors and do not necessarily reflect the views of the European Commission.

