



Archaeology
Data Service

Evolution of the Ingest Process @ ADS

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6th June 2024

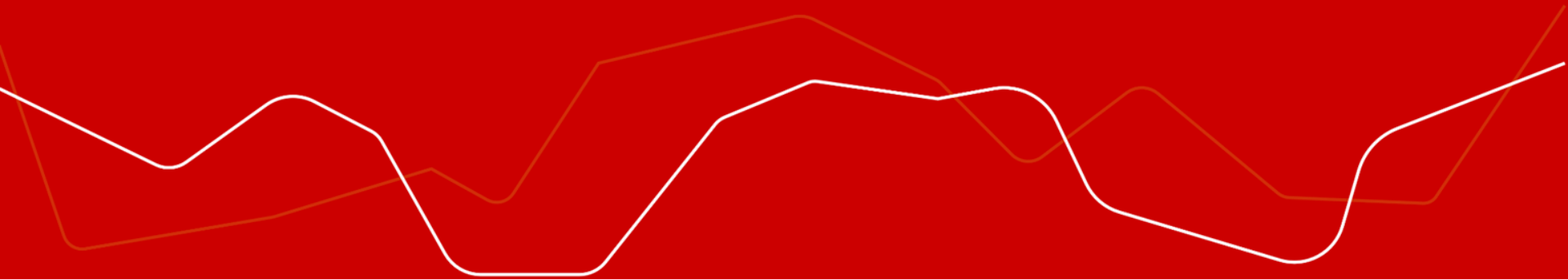


A Different Type of Archive: 'Preservation by Record'

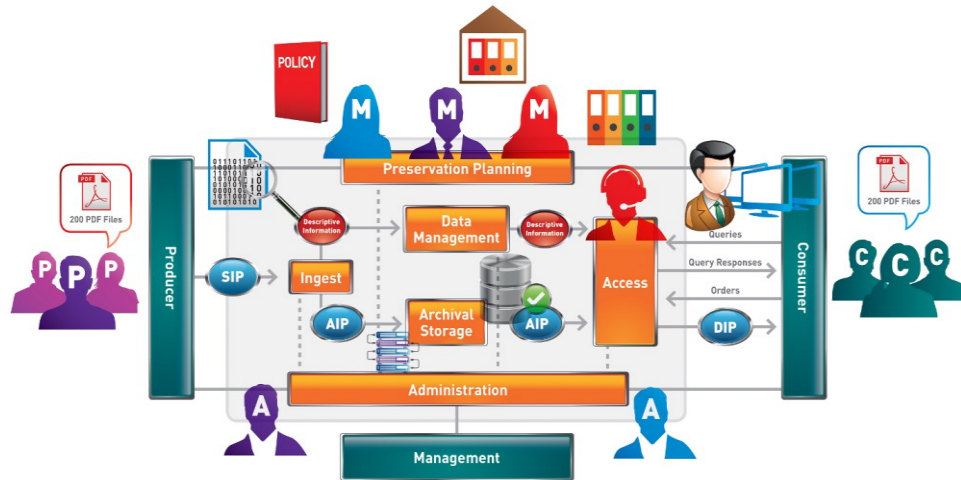
- Outputs of **archaeological projects** (where the record becomes the primary source)
- Established in 1996 in response to a **community need**
- **Digital-only** archive
- **Paid** business model
- Curated and published data **freely available** on our website



**How do we get things
into our archive?**



Digital Preservation by Migration



- Following the **OAIS** model
- Collection Management System (**CMS**) based on **Dublin Core**
- Object Management System (**OMS**) to manage **item-level** processes
- CMS and OMS have been **created 'in house'** according to our needs
- Data **and Metadata** provided by depositors

The Overall Process

1. **Appraise** data and metadata (AKA documentation)
2. **Ingest** and **Accession** data into file store
3. Add **collection-level metadata** into CMS
4. Add **file-level metadata** into OMS
5. Define **Data Types**
6. Create **preservation copies** (normalised to stable formats)
7. Create **dissemination copies** (normalised to web accessible formats)
8. Create **web pages** using database-driven web page templates
9. Ensure any image/video/3D model **previews** are working correctly
10. **Mint DOI** and **release** web pages
11. Copy to **long-term backup**



Explore this collection:

- Introduction
- Overview
- Downloads**
- Metadata
- Usage Statistics
- HS2 Phase One: London to West Midlands Historic Environment Digital Archive

Downloads

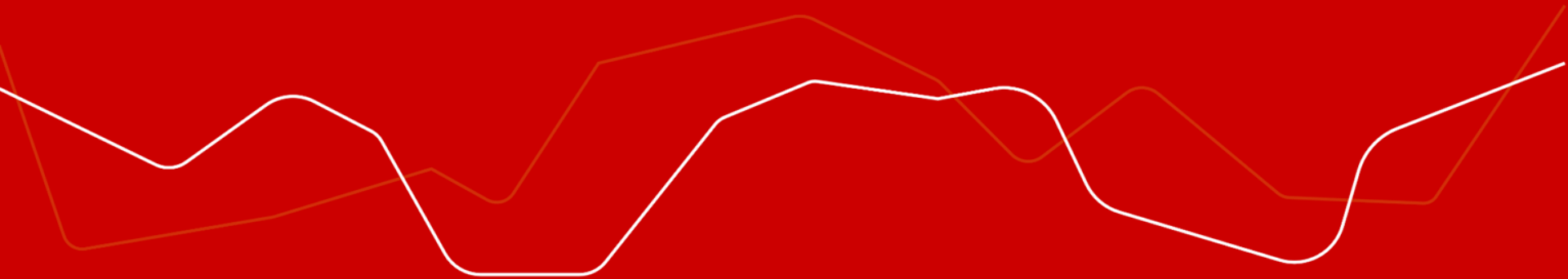
Showing: Text **Images** CAD (Vector graphics) Spreadsheets Site Records

Files

	Close up shot of possible gully terminus [6603] (0.3m scale)		
Filename	IC20LOWITT_089.jpg (6 MB)		Info Download
	East and south-east facing section of pit [1613] (1m scale)		
Filename	IC20LOWITT_757.jpg (6 MB)		Info Download
	East facing section of Trench 31 (1m scale)		
Filename	IC20LOWITT_C2_134.jpg (13 MB)		Info Download

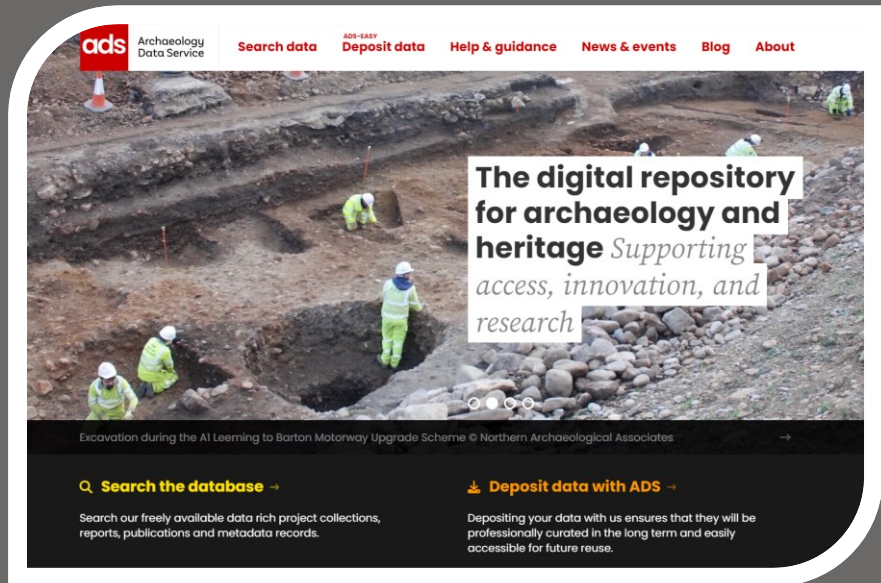
Ingest @ ADS

The Present: 3-Way System



Getting Archives to ADS today

- **ADS-easy**
Fast way to deposit small to medium-sized project archives
- **“Traditional” Deposits**
When ADS-easy is not enough
- **OASIS V**
Online portal for ‘Grey Literature’ reports



The screenshot shows the ADS website homepage. At the top left is the ADS logo (a red square with 'ads' in white) and the text 'Archaeology Data Service'. To the right of the logo is a navigation menu with links: 'Search data', 'ADS-EASY Deposit data', 'Help & guidance', 'News & events', 'Blog', and 'About'. The main content area features a large photograph of an archaeological excavation site with several workers in high-visibility vests and hard hats. Overlaid on the right side of the photo is a white text box with the text: 'The digital repository for archaeology and heritage Supporting access, innovation, and research'. Below the photo, there is a dark grey banner with the text: 'Excavation during the A1 Leeming to Barton Motorway Upgrade Scheme © Northern Archaeological Associates'. At the bottom of the banner, there are two call-to-action buttons: 'Search the database →' and 'Deposit data with ADS →'. Below these buttons, there is a small paragraph of text: 'Search our freely available data rich project collections, reports, publications and metadata records.' and another paragraph: 'Depositing your data with us ensures that they will be professionally curated in the long term and easily accessible for future reuse.'

ADS-easy

It enables depositors to upload **digital content** and **associated metadata** from archaeological fieldwork and research **securely** to the ADS

It allows depositors to:

- **Generate project metadata** as the basis of the resource discovery metadata
- **Carry out selection and retention** through adding and removing data according to specific criteria
- **Generate costing information** using the costing calculator
- **Automate** the creation of **technical metadata**
- Enhance data through the **creation of file level metadata** which can be created either
 - Within the interface
 - Uploaded using a pre-populated template

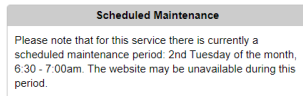
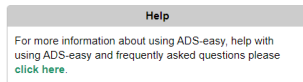
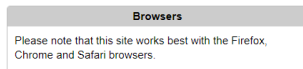
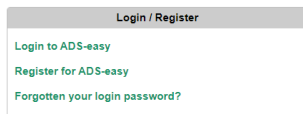


ADS-easy is a faster way to deposit small to medium-sized project archives.

ADS-easy will allow:

- depositions that include **certain data types** (i.e. databases, documents and reports, geophysics, GIS, maps and plans, photographs and images and spreadsheets)
- files found in the **list of accepted formats**
- files with a **maximum size of 100MB**
- depositions with a **maximum of 1000 files**
- a **geophysical survey of less than 50Ha**

If you are uncertain about whether you should use ADS-easy please [contact us](#) and we can talk to you about the options. [Find out more about ADS-easy.](#)



“Traditional” Deposits

USB/Hard drives, email, file transfer etc. deposits still accepted when:

- Files not found in the **list of accepted ADS-easy formats**
- Files over a maximum size of **100MB**
- Deposits over a maximum of **1000 files**
- Geophysical surveys totalling **more than 50Ha**

BUT

Automated archiving processes like **running DROID, matching objects** etc. still available

The screenshot shows the website for the Digital Archive for the Royal Anne Galley Artefact Recording Project 2023. The header includes the ADS logo and navigation links. The main content area features a title, a DOI link, and sections for Introduction, Downloads, Metadata, and Usage Statistics. A Creative Commons Attribution 4.0 International License logo is displayed. The Historic England logo is also present. The Primary contact information is provided, along with a 'Send e-mail enquiry' button. Resource identifiers and ADS Collection details are listed at the bottom. On the right side, there is an introduction paragraph, a photograph of a gold ring (object R334) with a scale bar below it, and a detailed description of the ring and the project's context.

ads Archaeology
Data Service

ADS Main Website | Back to Archives Search | Help

Digital Archive for the Royal Anne Galley Artefact Recording Project 2023

Kevin Camidge, 2023. <https://doi.org/10.5284/1116911>. [How to cite using this DOI](#)

Introduction
Downloads
Metadata
Usage Statistics

Data copyright © Kevin Camidge unless otherwise stated

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 Historic England

Primary contact
CISMAS
10 Tolver Place
Penzance
TR18 2AD
UK

[Send e-mail enquiry](#)

Resource identifiers

ADS Collection: 5735
DOI: <https://doi.org/10.5284/1116911>
[How to cite using this DOI](#)

Introduction

This archive comprises the digital record of the artefacts made as part of the Royal Anne Galley Artefact Recording Project in 2023. This includes digital photographs of over 600 artefacts recovered from the protected wreck site of the Royal Anne Galley between 1991 and 2005, along with a report detailing the methods used in the recording, highlighting objects which would benefit from further study.

The Royal Anne Galley was a fifth-rate, Royal Navy galley-frigate, built at Woolwich Royal Dockyard and launched 18th June 1709. In September 1721 the RAG was tasked with transporting the new governor Lord Belhaven and his administration to Barbados. The voyage did not begin well, the ship ran aground at the Downs and then collided with the Virginian ship Spolswood. The voyage came to its unhappy end when the ship was wrecked on the rocks off Lizard Point on 10 November 1721. There were only three survivors, and none of the officers or passengers were amongst them. In the years immediately following the wreck, considerable quantities of material were salvaged including anchors and guns.

Over 600 artefacts were recovered from the protected wreck site of the Royal Anne Galley between 1991 and 2005 by a small team led by the licensee Rob Sherratt. Sadly, Rob died in a diving incident in 2007 and it was not subsequently possible to access the recovered objects which had been in his custody. David Gibbins recently established contact with Rob's family proposing that the finds might be transferred to the Museum of Cornish Life in Helston, and they proved enthusiastic about the idea. These objects have now been recorded, photographed and placed into archival storage boxes and deposited in the Museum. It is further anticipated that a small display along with interpretation will be mounted by the Helston Museum utilising some of the surviving objects.



Gold ring, object R334 recovered from the wreck of the Royal Anne Galley.

0 10 20 mm

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OASIS V

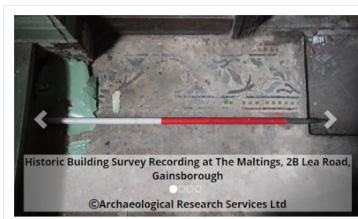
OASIS

The online system for reporting investigations into the historic environment and linking research outputs and archives.

OASIS is an online reporting form enabling heritage practitioners to provide information about their investigations to regional Historic Environment Records (HERs) and respective national heritage organisations.

As well as being an information-gathering tool, researchers may share reports with HERs for public release in the Archaeology Data Service (ADS) Library.

The ADS, in addition to making the reports available online for access to the wider public, undertakes the curation and archiving of the digital files, ensuring long-term preservation.



Update: September 2023	>
The OASIS Dashboard	>
OASIS V now live in Scotland	>
Guidance for linking large-scale projects or phases of work	>

The main method to **deposit reports**

- A way of **getting information** about archaeological investigations to local and national **government bodies**
- Funded by and created in consultation with **Historic England** and **Historic Environment Scotland**

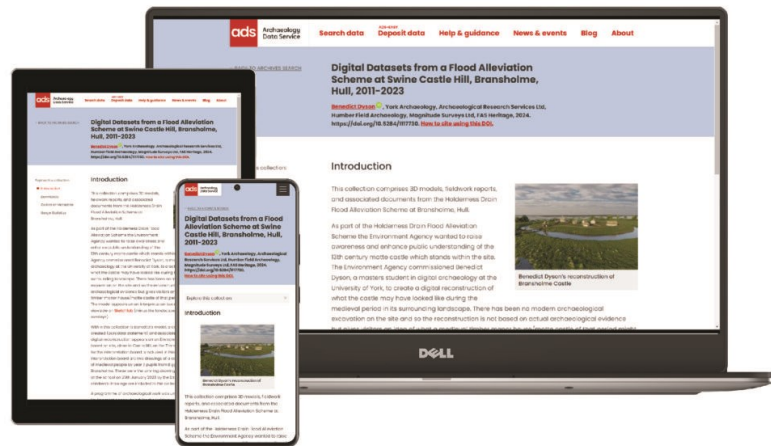
The current version includes

- **Keywords** from established heritage vocabularies
- Standardised defined terms about **what was found**
- Short **descriptions** of the project
- **Key metadata** about the reports such as creators, copyright holders, funders of the work

ALSO

An OASIS report can be linked to a **corresponding ADS-easy deposit**

ADS-ingest



ADS-ingest = “next-gen ADS-easy”

- Addressing **current limitations** of ADS-easy
- New system with **unified core metadata** based on ISAD(G)
- Pre-appraisal checks **during the deposit process**
- It will **preview to depositors** several aspects of the final archive

Overall this will **streamline** the deposit process

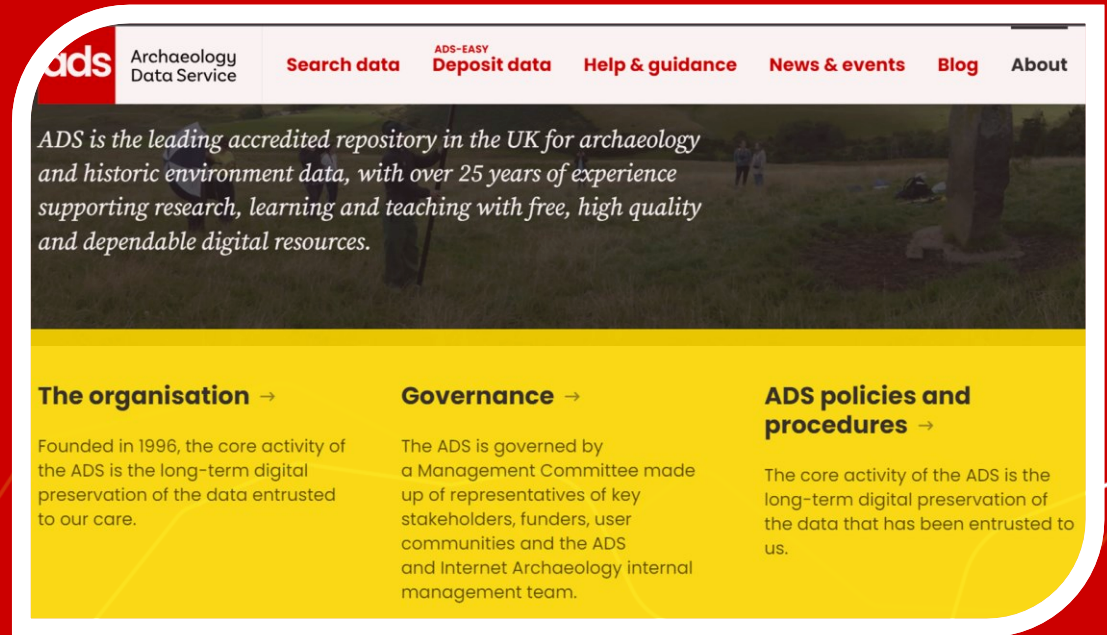
To find out more...

Blog via the **ADS website**
archaeologydataservice.ac.uk

About Pages

Help & Guidance

for Data Management advice
and Guides to Good Practice



The screenshot shows the ADS website homepage. At the top left is the ADS logo (Archaeology Data Service). To its right is a navigation menu with links for 'Search data', 'Deposit data', 'Help & guidance', 'News & events', 'Blog', and 'About'. Below the navigation is a large banner image of an archaeological site with a person in the foreground. Overlaid on the banner is the text: 'ADS is the leading accredited repository in the UK for archaeology and historic environment data, with over 25 years of experience supporting research, learning and teaching with free, high quality and dependable digital resources.' Below the banner is a yellow section with three columns of text, each with a right-pointing arrow icon. The columns are: 'The organisation', 'Governance', and 'ADS policies and procedures'. Each column contains a short paragraph of text.

ads Archaeology Data Service

[Search data](#) [Deposit data](#) [Help & guidance](#) [News & events](#) [Blog](#) [About](#)

ADS is the leading accredited repository in the UK for archaeology and historic environment data, with over 25 years of experience supporting research, learning and teaching with free, high quality and dependable digital resources.

The organisation →

Founded in 1996, the core activity of the ADS is the long-term digital preservation of the data entrusted to our care.

Governance →

The ADS is governed by a Management Committee made up of representatives of key stakeholders, funders, user communities and the ADS and Internet Archaeology internal management team.

ADS policies and procedures →

The core activity of the ADS is the long-term digital preservation of the data that has been entrusted to us.



Archaeology
Data Service

Thank you!



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