What is OASIS?

• OASIS is a data capture form
• Archaeological and heritage practitioners provide information about their investigations to local HERs and respective National Heritage Bodies.
• Users can upload unpublished reports: these are transferred into the ADS Library
• Development of the form and maintenance funded by Historic England and Historic Environment Scotland.
What is OASIS?

• Current OASIS form dates to 2003/4
  • 31,000+ records from England
  • 33,566 reports from England transferred to ADS
  • People love having access to these reports!

• But...

• Old technologies

• Redundant workflows

• Some reports never work their way through...
Enter HIAS

- Heritage Information Access Strategy (HIAS)
- Historic England funded “programme of interlinked projects designed to simplify and improve public access to heritage data held or generated by Historic England, by Local Authority Historic Environment Records and by other bodies”

https://historicengland.org.uk/research/support-and-collaboration/heritage-information-access-strategy/
• The redevelopment of OASIS is a HIAS Work Package.
• Stage 1 (completed 2015) looked at user requirements for a new form.
  • Emphasis on simplicity
  • Emphasis on building a system that is to be used by all those working and carrying out research in the historic environment
A new OASIS

• Now in Stage 2: the redevelopment!
• Use of modern technologies to facilitate accurate and consistent data
• Easy to use
• Flexible workflows
• Simple instant transfer of all reports into ADS Library
• Records always open!
Timescales

Database and Java framework

Pre-Alpha testing in Autumn 2018

Alpha testing Spring 2019

Public beta March 2020
What have we done?

• A new database is in place (**PostgreSQL** + **PostGIS**)
• New data structure
  • Record less core data (but record it better!)
  • Ability to record more for certain projects (OASIS+)
• [https://oasis.ac.uk/pages/wiki/HERALD](https://oasis.ac.uk/pages/wiki/HERALD)
New Admin module

• Stops people registering more than once!
• Identical names/emails are reminded they already exist
• Easy password recovery
• Flexibility: able to change role, activity in one click
• https://archaeologydataservice.ac.uk/blog/oasis/
Space is the Place

- Allow the location of a project to be recorded accurately
  - OS admin areas
  - HER areas
  - Museum collecting areas
  - Research Framework areas
Research Frameworks

• Highlight spatially relevant records
• Space to incorporate research questions
• Allow user to select their project as answering specific question
• Allow a Research Framework user to update questions for their areas

https://historicengland.org.uk/research/support-and-collaboration/research-frameworks-typologies/research-frameworks/
# Project List

## Filter records

Filter records by organisation:

- Select all
- Berkshire Archaeology HER
- Buckinghamshire SMR
- Cambridgeshire Historic Environment Record
- Central Bedfordshire HER
- Colchester Borough Council
- Dartmoor HER
- East Sussex SMR
- Essex Historic Environment
- Greater London HER
- Heritage Protection Department
- Hertfordshire HER
- Kent SMR
- Lincolnshire HER
- NPS Archaeology
- National Trust HBSMR
- Norfolk HER
- North Lincolnshire SMR
- Suffolk HER
- West Yorkshire HER

<table>
<thead>
<tr>
<th>OASIS id (version)</th>
<th>Project Name</th>
<th>Core fields</th>
<th>Reviewing HER</th>
<th>Reviewing national body</th>
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</thead>
<tbody>
<tr>
<td>norfolk1-127173</td>
<td>GSG 039 Gissingham</td>
<td>Suffolk HER</td>
<td>Heritage Protection Department</td>
<td></td>
</tr>
<tr>
<td>norfolk1-333506</td>
<td>Taverham Hall School</td>
<td>Norfolk HER</td>
<td>Heritage Protection Department</td>
<td></td>
</tr>
<tr>
<td>norfolk1-326921</td>
<td>Land off Rosebery Road, Great Plaistow</td>
<td>Norfolk HER</td>
<td>Heritage Protection Department</td>
<td></td>
</tr>
<tr>
<td>norfolk1-325533</td>
<td>Refurbishment of Earlham Hall Complex</td>
<td>Norfolk HER</td>
<td>Heritage Protection Department</td>
<td></td>
</tr>
<tr>
<td>norfolk1-322826</td>
<td>Land off Hall Road Bawdeswell</td>
<td>Norfolk HER</td>
<td>Heritage Protection Department</td>
<td></td>
</tr>
<tr>
<td>norfolk1-315850</td>
<td>New Primary School Mallard Way Sprowston,</td>
<td>Norfolk HER</td>
<td>Heritage Protection Department</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1050 projects returned.
# GSG 039 Gislingham

## Event type (1)

<table>
<thead>
<tr>
<th>Event type</th>
<th>TRIAL TRENCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country</td>
<td>England, Jersey</td>
</tr>
<tr>
<td>Reason for Investigation</td>
<td>Planning requirement</td>
</tr>
<tr>
<td>Development type</td>
<td>Housing</td>
</tr>
</tbody>
</table>

Some descriptive terms are hierarchical and only the narrow term is being displayed here
Why does this matter?

• We want everyone to use /benefit from OASIS
  • Communicate your research to HERs and wider sector (via HER data and reports in ADS)
  • Allow you to research the outputs from the sector – commercial units, academics, buildings specialists, maritime, geophysics etc

• Yes, we are making the ADS easier to use!
Upcoming events

- Level 1 (data inputter) + HER testing (March 2019)

https://archaeologydataservice.ac.uk/blog/oasis/
Keep up to date with OASIS development

HERALD web site:
http://oasis.ac.uk/pages/wiki/HERALD

Subscribe to the OASIS Blog:
http://archaeologydataservice.ac.uk/blog/oasis

Contact HERALD:
herald@ads.ac.uk

Twitter: @oasis_data