The proposed changes to OASIS...

The HERALD Project

Jo Gilham
HERALD Project Manager
Things we will cover today

- Overview of the changes planned for OASIS
- Focussing on a couple of those changes so we can discuss them later
General changes

- More up to date technology
- Longer page timeouts, auto saves
- Records ‘always open’
- Review not validation
- Versioning
Levels of OASIS data collection

- **OASIS LITE**
  - Bibliographic record & Report uploaded by HERs or contractors
  - Constitutes a basic HER record

- **OASIS BASIC**

- **OASIS PLUS**
  - Environmental
  - Human Bones
  - Geophysics
  - Other modules: Graveyards
  - C14

- Creates a rich metadata record for specialist / project specific recording
Types of user

Level 1 - Archaeological contractors, building specialists, and other heritage

Level 1a - Community groups, volunteers

Level 2 - Historic Environment Records or similar

Level 3 - Archive, museum or record offices

Level 4 - National bodies

Level 5 - Specialist data consumers

Level 6 - Archaeology Data Service - administrative user
Register & ORCID

Organisation
e.g. Unit or HER

Joe Bloggs

Jane Doe

Anne Excavator
Recent activity updates

What’s happened in your projects this week?

- 3 new projects have been started
- 1 record has been updated by another member of your organisation
- 2 records have been reviewed by a level 2 user (HER/Conservation officer)
  - Building survey at 32 High Street, Malton, Oct 2015
  - Heritage Statement for 14 Duck Street, Fridaythorpe, Nov 2015
- 5 reports have been released into the ADS Library and given a DOI
- 1 record is awaiting the upload of a report
The records within the form

- Records started by fieldworkers
- Project location selects HER, Museum, Admin areas
- Records can be deleted or marked as duplicates
- Better boundary upload / drawing
- Inclusion of monument locations
- Records started by HER

Form changes
Organisation information pages

- One for each organisation
- Tells other OASIS users how this HER, Unit, Museum uses OASIS
- Partly automatically completed shows the settings in OASIS – OASIS LITE/STANDARD
- Also space for including area specific requirements, uploaded documents and links out to organisation web pages
Report uploads
Research frameworks

Research frameworks

Does the project brief or Written Scheme of Investigation (WSI) refer to a particular Research Framework?

Choose a Research Framework

Add

Research outcomes

Please enter the findings of your project in relation to the research aims

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Import, export and synchronisation

Import XML

OASIS

Export

Sync data

Data

Formatted reports

HER
Archive section and museums
Four major changes within OASIS

- Web mapping services (WMS) and monument concordance vs monument recording
- The differences between OASIS LITE and OASIS STANDARD
- Synchronising records between OASIS and HER
- Reports uploaded to ADS Library in real time (in some cases)
Design of OASIS to include grey literature only options and backlog upload options.

The OASIS survey responses support the development of different levels of interaction with OASIS by contractors and HERs. To this end, a mechanism that allows OASIS to collect enough data to accompany a grey literature report, whilst not duplicating the whole HER event record, would be welcomed for situations where the HER does not want to participate in OASIS but the contractor would like their report to be archived and online.
OASIS LITE

Enhanced Bibliographic record

- Data collected to describe the report only
- Report goes straight through to ADS Library
- HER doesn’t review record

OASIS STANDARD

Full OASIS fields

- Report waits until reviewed by HER
- Record intended to be used and reviewed by HER
HERs on the Heritage Gateway have a WMS which could be reused by OASIS to provide monument concordance for projects.
Monument concordance / reporting

1. Just concordance • Monument ids

2. Enhanced concordance • Monument ids and user comments

3. • Monument reporting • Numerous fields

Site information

Site Name

The old rectory

Monuments listed below are from the Blankshire HER, please select and comment on any which are relevant to your project. Please add any additional monuments located at the bottom of the list.

<table>
<thead>
<tr>
<th>Monument description</th>
<th>Monument Id</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ditch, Medieval</td>
<td>VBF12365495</td>
<td></td>
</tr>
<tr>
<td>Building, Medieval</td>
<td>VBF12365412</td>
<td></td>
</tr>
<tr>
<td>Pit, Medieval</td>
<td>VBF12365457</td>
<td></td>
</tr>
</tbody>
</table>
Do you think that OASIS should record monument identifier information in event records?

**HER**

**Users:**
45% YES (30)  
55% NO (36)

**HER**

**Non users:**
29% YES (7)  
71% NO (17)
Uploaded boundary file vs boundary drawn on screen.

Is an approximate boundary better than none?
Importance of import / export / synchronisation functions.

HERs need to be able to transfer data automatically between the HER and OASIS. This would allow for HERs to contribute to, or benefit from, the data in OASIS at a point in the workflow that fits with them...
**Synchronisation between OASIS & HERs**

**OASIS REST API**
- Allows pulling of records out of OASIS
- Allows updating of records in OASIS
- Allows the start of new records in OASIS

*Working with partners on pilot projects*

*Different HER software in different organisations*
Timescales

- Functional specification January 2017
- OASIS development starts March 2017
- OASIS Synchronisation projects planned in 2017 and implemented in 2018
- New form available in beta late 2018
The rest of the day

• Questions and discussions on the general changes to OASIS

Followed by:

• Directed discussions on Syncing and reuse of Web Mapping Services (WMS)
Keeping up to date with OASIS

OASIS form and FAQs and documents are on the OASIS web site:

http://oasis.ac.uk

Subscribe to the OASIS Blog:

http://archaeologydataservice.ac.uk/blog/oasis

Contact OASIS:

oasis@ads.ac.uk