

Survey Questions

Survey 1. 'Rewilding' later prehistory workshop 1: Biofuelled research. Pre-workshop survey

Section 1: Personal details

Q1: Which type of organisation do you work for?

- a) Commercial (developer-funded) unit
- b) Independent Research Organisation
- c) Public body/charity (e.g. Historic England, National Trust)
- d) Museum
- e) University
- f) Other

Q2: How long (excluding periods of study) have you operated as a plant/animal remains or wider environmental archaeology specialist?

- a) 0-5 years
- b) 5-10 years
- c) >10 years

Q3: What is your main environmental archaeology specialism?

- a) Archaeobotany (macrofossils)
- b) Archaeobotany (microfossils)
- c) Archaeobotany (wood and charcoal)
- d) Zooarchaeology (vertebrates)
- e) Zooarchaeology (invertebrates)
- f) n/a

Section 2: Plant macrofossil/vertebrate remains data recording and archiving

Q4: Which software/format(s) do you/your organisation usually use for recording plant macrofossil/vertebrate animal remains?

- a) Excel
- b) Google sheets
- c) Access
- d) Access (ArboDat)
- e) Word
- f) Paper recording
- g) Other

Q5: What other software(s)/formats have you/your organisation used for recording plant macrofossil/vertebrate animal remains over the last 30 years?

- a) Excel
- b) Google sheets
- c) Access
- d) Access (ArboDat)
- e) Word
- f) Paper recording
- g) Other

Q6: How are plant macrofossil/vertebrate animal remains datasets principally structured by you/within your organisation (i.e how are digital recording files organised into folders)?

- a) By site/project
- b) By geographical unit (e.g. county)

- c) In a centralised database (e.g. integrated database for unit)
- d) On a person by person basis
- e) By specialism
- f) Other

Q7: 'Do you/your organisation record 'wild' and domesticated taxa at similar levels of detail?'

- a) Always
- b) Sometimes
- c) Never
- d) Other

Q8: If 'wild' taxa are sometimes recorded in less detail, which of the following factors determines why? If none of the below please feel free to expand under 'other'.

- a) Research interests of individual specialists
- b) Research interests of environmental manager/post-ex manager
- c) Project research aims (as specified in WSI, research agendas, etc.)
- d) Fewer protocols/guidelines for recording 'wild' taxa
- e) Insufficient time/funding
- f) Insufficient research resources e.g. access to necessary reference material
- g) n/a
- h) Other

Q9: Do you and/or others at your organisation routinely upload reports including plant macrofossil/vertebrate animal remains data to OASIS V? (Yes/No/Not sure)

Q10: If not, are there any specific reasons why not?

- a) Lack of time
- b) Not familiar with OASIS V
- c) Other

Q11: Have you or anyone else in your organisation attended Oasis V training sessions run by MSDS Heritage? (Yes/No/Not sure)

Q12: Beyond OASIS V, which (if any) of the following platforms do you/your organisation use to share your datasets more widely?

- a) Academia.edu
- b) Researchgate
- c) Data repository specific to your organisation
- d) Project-specific website
- e) Personal website
- f) Elsewhere on the ADS website
- g) Other

Section 3: Research and training aspirations and challenges

Q13: Where did you learn the digital skills you currently use for recording plant/animal remains?

- a) At university
- b) 'On the job'
- c) Bespoke training course
- d) Other

Q14: When is the last time you received training in database and/or data analytical skills?

- a) Within the last year
- b) Within the last five years
- c) Within the last five to ten years

d) More than ten years ago

Q15: Was this training provided by your employer (e.g. as CPD)? (Yes/No/n/a)

Q16: What (if any) software would you like to receive training in to develop your digital recording and data analysis skills?

- a) Access
- b) ArboDat (within Access)
- c) Other (SQL-based) database management
- d) R
- e) SPSS
- f) None
- g) Other

Q17: If so, why?

Q18: Which of the following resources do you use most often in interpreting the significance of plant/animal remains? (**please choose up to three options**)

- a) Published material
- b) Regional reviews/research frameworks
- c) Online datasets (e.g. on ADS)
- d) Organisational (in-house) datasets
- e) Personal datasets
- f) ADS Library (includes grey literature library)
- g) Other organisational public repositories (e.g. university research repositories)
- h) Directly contacting units/specialists for data/reports
- i) Other

Q19: In brief, what are the main challenges (if any) you encounter in seeking to access the information/resources you need to interpret the significance of plant/animal remains?

Q20: Does your current role allow you to integrate your specialist findings into synthetic research e.g. addressing research questions at wider regional/thematic/chronological scales?

- a) Yes
- b) Yes, but only to a limited extent
- c) No

Q21: If no, or only to a limited extent, is wider synthetic research something that you are interested in doing more of? (Yes/No/Maybe)

Q22: Do you have access to training/seminars/workshops that enable you to develop your analytical and interpretative skills and research networks (e.g. as CPD) in your organisation? (Yes/No/n/a)

Q23: If so, please specify

Q24: If relevant, when do you mainly undertake wider synthetic research?

- a) In work time
- b) In your own time
- c) n/a

Q25: Where do you most often disseminate your wider synthetic research?

- a) Site/project-specific monographs
- b) Local journals
- c) Research frameworks/regional reviews
- d) Peer-reviewed journals/edited volumes/conference proceedings
- e) Synthetic books

- f) Academic/public talks/presentations
- g) Blogs/podcasts/social media/personal website
- h) n/a
- i) Other

Q26: Of the following options, which would most improve your capacity to undertake wider synthetic research (please select one answer)?

- a) Having more time
- b) Being able to collaborate more easily with university-based researchers
- c) Having better access to data beyond your organisation
- d) Having better access to training in digital skills
- e) Having better access to an academic library/online journals
- f) Having more opportunities to attend seminars/workshops/conferences
- g) Other

Q27: Who do you collaborate with beyond your organisation/beyond your own work?

- a) University-based researchers
- b) Museums
- c) Other public bodies/charities (e.g. Historic England, National Trust)
- d) Fieldwork units
- e) Community groups
- f) Other

Q28: Of these options, who do you collaborate with most often and why?

Q29: Please list 3-5 key words that summarise (a) your main archaeological period(s) of interest (e.g. Iron Age/Roman), (b) the main geographical focus of your work (e.g. northern England), and (c) research themes that particularly interest you (e.g. ritual and religion, food, climate change).

Section 4: Survey outputs

Q30: Would you be happy for the results of this survey to be discussed in an AEA conference 2022 presentation? (Outputs will be anonymised)

Survey 2: Training needs in data management/analysis in British developer-funded archaeology

Q1: Which best describes the type of organisation do you work for?

- a) Commercial (developer-funded) unit
- b) Independent Research Organisation
- c) Public body/charity (e.g. Historic England, National Trust)
- d) Museum
- e) University
- f) Other

Q2: What (if any) of the following would you consider to be your main specialism?

- a) Environmental archaeology (includes plant, animal, insect remains etc)
- b) Finds
- c) Period speciality
- d) Fieldwork/Excavation
- e) Human remains
- f) Geoarchaeology/Landscape
- g) Community outreach
- h) Archaeological survey (including geophysics)
- i) Geomatics

- j) Archives
- k) Other/None of the above

Q3: How long have you been working professionally as an archaeologist?

- a) 0-5 years
- b) 5-10 years
- c) >10 years

Q4: If you wish, include further detail regarding your specialism below:

Q5: Where did you learn the digital skills you currently use to record/analyse archaeological data?

- a) At university
- b) 'On the job'
- c) Training course

Q6: When is the last time you received training in data management and/or data analytical skills?

- a) Within the last year
- b) Within the last five years
- c) Within the last five to ten years
- d) More than ten years ago
- e) Never

Q7: Was this training provided by your employer (e.g. as CPD)? (Yes/No/n/a)

Q8: Which (if any) of the following areas would you be interested in improving your knowledge/skills in?

- a) Data management
- b) Data visualisation and exploratory data analysis
- c) Statistical analysis (e.g. univariate and multivariate statistics, basic modelling)
- d) Other elements of quantitative archaeology (e.g. Bayesian statistics, predictive modelling)
- e) Open and FAIR data practices (including the use of data repositories)
- f) None of the above

Q9: What (if any) software/programming languages would you like to receive training in to develop your digital recording and data analysis skills?

- a) Access
- b) Other (SQL-based) database management
- c) Excel
- d) R/RStudio
- e) Github
- f) SPSS
- g) None of the above

Q10: If you answered 'none of the above' for questions 8 or 9, please feel free to state alternatives here:

Q11: Which would be your preferred course length?

- a) Short course (up to 2 hours)
- b) Half day course
- c) Day course
- d) Course series (e.g. 1-2 hours a week)
- e) Longer academically accredited course (e.g. as part of a master's)

Q12: What would be your preferred mode of training?

- a) Online

b) In-person

Q13: Do you have access to funding/time off for CPD via your employer? (Yes/No/Don't know)

Q14: Would you be willing to self-fund training?

a) Yes

b) No

c) Yes - but within a limited budget

Q15: Feel free to comment further in response to questions 13 and 14:

Q16: Optional: What do you consider (if any) to be the most significant barrier to furthering training needs within your role or organisation?

Q17: Optional: In which specific ways do you feel training in either data management or data analysis skills would be beneficial in your role?

Q18: Please confirm that you are happy for your responses to be presented (in anonymised form) in any survey outputs (Yes/No)