

Dr Henry Chapman FSA

Senior Lecturer in Archaeology and Visualisation

[Classics, Ancient History and Archaeology \(/schools/historycultures/departments/caha/index.aspx\)](/schools/historycultures/departments/caha/index.aspx)

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About

Henry's research interests centre on the later prehistoric period, and particularly the relationships between human activity and environmental change within past landscapes and focusing on wetland sites. He specialises in the use of digital technologies to enable the modelling and analysis of the wide range of information required for such study to engage with past sites and landscapes.

This interest in the potential of digital technologies within heritage has also expanded to research into the use of these within galleries, museums, libraries and archives. Henry is Co-Director of the IBM Visual and Spatial Technology Centre (VISTA) and Co-Director of the [Heritage and Cultural Learning Hub \(/facilities/digitalhumanitieshub/index.aspx\)](#).

Qualifications

BA (Exeter), PhD (Hull)

Postgraduate supervision

Henry can supervise postgraduate study in the areas of later prehistory, wetland archaeology, landscape archaeology and the application of digital and spatial technologies within heritage. He currently students researching the spatial modelling of past patterns of vegetation and environmental change in relation to human activity, and the generation of virtual environments for interaction with virtual museums.

Research

Currently Henry is involved in a range of projects that focus on the interpretation of prehistoric landscape archaeology within wetland environments, exploring issues such as environmental change and human response. He is completing a project which has focused on the investigation of landscape archaeology within the 'hidden' landscapes of peatlands, using a combination of palaeoenvironmental analyses, chronological modelling, excavation, GIS analysis and reconstruction of raised mire environments (in collaboration with Ben Gearey and funded by English Heritage).

He is also investigating the later prehistoric landscape archaeology of the Waveney Valley (Norfolk/Suffolk border), with the investigation of a series of linear timber structures in collaboration with colleagues from the University of Birmingham, English Heritage and Suffolk County Council. In addition, Henry has recently been working on projects focusing on the application of digital technologies within museums, for example, through the generation of a virtual museum of the Eton Myers Collection of ancient Egyptian art (funded by JISC).

Publications

Books

Buteux, S. and H. Chapman 2009. *Where Rivers Meet – the Catholme ceremonial complex and the archaeology of river gravels: research at the confluence of the Trent and Tame rivers in Staffordshire*. English Heritage and the Council for British Archaeology

Van de Noort, R., H. Chapman and J. Collis 2007. *Sutton Common: the excavation of an Iron Age marsh-fort*. English Heritage: Council for British Archaeology Research Report 154

Chapman, H. 2006. *Landscape Archaeology and GIS*. Stroud: Tempus

Papers

Chapman, H.P., V.L. Gaffney and H. Moulden 2011. The Eton Myers Collection Virtual Museum. *International Journal of Humanities and Arts Computing* 4: 81-93

Chapman, H., M. Hewson and M. Wilkes 2010. The Catholme Ceremonial Complex, Staffordshire, UK. *Proceedings of the Prehistoric Society* 76: 135-163

Lobb, M., K. Krawiec, A.J. Howard, B.R. Gearey and H.P. Chapman 2010. A new approach to recording and monitoring wet-preserved archaeological wood using three dimensional laser scanning. *Journal of Archaeological Science* 37: 2995-2999

Smith, D., N. Whitehouse, J. Bunting and H. Chapman 2010. Can we characterise 'openness' in the Holocene palaeoecological record? Modern analogue studies of insect faunas and pollen spectra from Dunham Massey deer park and Epping Forest, England. *The Holocene* 20, 215-229

Chapman, H., J. Adcock and J. Gater 2009. An approach to mapping buried prehistoric palaeosols of the Atlantic Seaboard in Northwest Europe using GPR, geoarchaeology and GIS and the implications for heritage management. *Journal of Archaeological Science* 36: 2308-2313

Gearey, B.R. and H.P. Chapman 2006. Planning policy, *in situ* preservation and wetland archaeology in the United Kingdom – some present concerns – a comment on Lillie *et al.* *Conservation and Management of Archaeological Sites* 8, 46-47

Gearey, B.R. and H.P. Chapman 2006. Planning policy, *in situ* preservation and wetland archaeology in the United Kingdom – some present concerns. *Conservation and*

- Chapman, H.P. 2005. Rethinking the 'cursus problem' – investigating the Neolithic landscape archaeology of Rudston, East Yorkshire, UK using GIS. *Proceedings of the Prehistoric Society* 71, 159-70
- Chapman, H.P. and P.R. Chapman 2005. Seascapes and landscapes – the siting of the Ferriby boat finds in the context of prehistoric pilotage. *International Journal of Nautical Archaeology* 34, 105-11
- Chapman, H.P. and B.R. Gearey 2004. The social context of seafaring in the Bronze Age revisited. *World Archaeology* 36, 452-8
- Gearey, B.R. and H.P. Chapman 2004. Towards realising the full archaeo-environmental potential of raised (ombrotrophic) mires in the British Isles. *Oxford Journal of Archaeology* 23, 199-208
- Chapman, H.P. 2003. Rudston 'Cursus A' – engaging with a Neolithic monument in its landscape setting using GIS. *Oxford Journal of Archaeology* 22, 345-56
- Chapman, H.P. and B.R. Gearey 2003. Archaeological predictive modelling in raised mires – concerns and approaches for their interpretation and management. *Journal of Wetland Archaeology* 2, 77-88
- Chapman, H.P. 2002. Global warming – the implications for sustainable archaeological resource management. *Conservation and Management of Archaeological Sites* 5, 241-5
- Chapman, H.P. and J.L. Cheetham 2002. Monitoring and modelling saturation as a proxy indicator for *in situ* preservation in wetlands: a GIS-based approach. *Journal of Archaeological Science* 29, 277-89
- Chapman, H.P. and H. Fenwick 2002. Contextualising previous excavation – the implications of applying GPS survey and GIS modelling to Watton Priory, East Yorkshire. *Medieval Archaeology* 46, 81-9
- Chapman, H.P., W.G. Fletcher and G. Thomas 2001. Quantifying the effects of erosion on the archaeology of intertidal environments: a new approach and its implications for their management. *Conservation and Management of Archaeological Sites* 4, 233-40
- Chapman, H.P. and R. Van de Noort 2001. High-resolution wetland prospection, using GPS and GIS: landscape studies at Sutton Common (South Yorkshire) and Meare Village East (Somerset). *Journal of Archaeological Science* 28, 365-75
- Van de Noort, R., H.P. Chapman and J.L. Cheetham 2001. *In situ* preservation as a dynamic process: the example of Sutton Common, UK. *Antiquity* 75, 94-100
- Chapman, H.P. and B.R. Gearey 2000. Palaeoecology and the perception of prehistoric landscapes: some comments on visual approaches to phenomenology. *Antiquity* 74, 316-9 (selected for re-printing in T. Darvill and C. Malone (ed.) 2003. *Megaliths from Antiquity*)

Expertise

Archaeology, particularly prehistory; new technologies for archaeology, GPS, laser scanning, geophysics, GIS; archaeology in the media

Languages and other information

Henry is Co-Director of the Heritage and Cultural Learning Hub. This is a unique centre containing touch tables, 3D scanning equipment and other equipment for 2D and 3D data collection, analysis and visualisation for audiences in public spaces, on mobile devices or at home or work via the Internet.

Media experience

Henry has extensive experience in the media having worked on **Channel 4's Time Team** (http://www.channel4.com/history/microsites/T/timeteam/biog_henry.html). He has experience in broadcast and print media, communicating his work on digital heritage, the North Sea mapping project and most recently the discovery of a new henge near the Stonehenge site. Henry has also appeared on a range of archaeology programmes as a presenter and expert contributor for Discovery, BBC, Channel 4, Channel 5, and National Geographic.

Alternative contact number available for this expert: **contact the press office** (<http://www.birmingham.ac.uk/news/contacts/index.aspx>)

