

CONTENTS PAGES

EDITORIAL		5
RESEARCH		
G. Dean	GIS, archaeology and neighbourhood assemblages in Medieval York	7
É. Jean-Curret	SIG, morphologie et archives foncières médiévales: dynamiques spatiales d'un quartier de Bordeaux aux XIV ^e et XV ^e s.	31
B. Lefebvre	The study of urban fabric dynamics in long time spans. Modelling, analysis and representation of spatio-temporal transformations	65
T. Bisschops	It is all about location: GIS, property records and the role of space in shaping late medieval urban life. The case of Antwerp around 1400	83
A. Nardini	Siena: un 'prototipo' di GIS di fine millennio a dieci anni dalla creazione	107
V. Valente	Space syntax and urban form: the case of late medieval Padua	147
C. Citter	Townscape-Landscape. The shaping of the medieval town of Grosseto and its territory (AD 600-1400)	167
K.D. Lilley	Mapping truth? Spatial technologies and the medieval city: a critical cartography	201
BEYOND THE THEME		
V. Caracuta, G. Fiorentino, M. Turchiano, G. Volpe	Processi di formazione di due discariche altomedievali del sito di Faragola: il contributo dell'analisi archeobotanica	225
P. Forlin	Airborne LiDAR Data analysis of Trentino Alpine landscapes: a methodological approach	247

DOSSIER - PUBLIC ARCHAEOLOGY IN EUROPE

- G.P. Brogiolo** Archeologia pubblica in Italia: quale futuro? 269
- J. Flatman** The past, present and future of rescue archaeology in England 279
- F. Iversen** The land of milk and honey? Rescue archaeology in Norway 299
- I. Catteddu, M.A. Baillieu, P. Depaepe, A. Roffignon** L'archéologie préventive en France: un service public original 319
- A. León** Public administration of archaeology in Spain. Notes on the current situation and future prospects 337

RETROSPECT

- A. Buko** Early Medieval archaeology in Poland: the beginnings and development stages 361

PROJECT

- P. Chevalier** *Le Corpus architecturae religiosae europeae, saec. IV-X, en France et la base de données Wikibridge CARE* 379

REVIEWS

- G. Bertelli, G. Lepore, *Masseria Seppannibale Grande in agro di Fasano (BR). Indagini in un sito rurale (aa. 2003-2006)* - by **M. Valenti** 385
- E. Vaccaro, *Sites and Pots. Settlement and Economy in Southern Tuscany (AD 300-900)* - by **M. Valenti**
- S. Hakenbeck, *Local, Regional and Ethnic Identities in Early Medieval Cemeteries in Bavaria* - by **F. Benetti**
- J. Buckberry, A. Cherrryson, *Burial in Later Anglo-Saxon England c.650-1100 AD* - by **A. Chavarria Arnau**
- N. Christie, P. Stamper (eds), *Medieval Rural Settlement. Britain and Ireland, AD 800-1600* - by **C. Citter**
- A.J. Boas, *Domestic Settings. Sources on Domestic Architecture and Day-to-day Activities in the Crusader States* - by **F. Benetti**
- A. Plata Montero, *Génesis de una villa medieval. Arqueología, paisaje y arquitectura del valle salado de Añana (Álava)* - by **J. Sarabia**
- J.D. Bodenhamer, J. Corrigan, T.M. Harris (eds), *The Spatial Humanities. GIS and the future of humanities scholarship* - by **P. Marcato**
- F. Cambi, *Manuale di archeologia dei paesaggi. Metodologie, fonti, contesti* - by **M. Valenti**
- N. Marquez Grant, L. Fibiger (eds), *The Routledge Handbook of Archaeological Human Remains and Legislation* - by **M. Marinato**
- V. Pace (ed), *L'VIII secolo: un secolo inquieto* - by **M. Camerin**
- G. Pantò (ed), *Archeologia a Chieri. Da Carreum Potentia al Comune basso-medievale* - by **M. Smanio**
- I. Ahumada Silva, *La collina di San Mauro a Cividale del Friuli. Dalla necropoli longobarda alla chiesetta bassomedievale* - by **M. Valenti**

EDITORIAL

Geographers, historians and archaeologists have long offered comprehensive analyses of past urban transformations. In so doing, each separate discipline has developed specific theoretical and methodological frameworks and distinct paths of research. Rarely though is there an attempt made to surmount the disciplinary boundaries that separate them, proposing unified directions for research. The use of spatial analysis through application of Geographical Information Systems (GIS) compels a rethinking of each of these positions, as it has in other fields. The use of these new 'spatial technologies' in historical and archaeological study makes an integrated analysis indispensable, both for those who focus on the *longue durée* as well as in those devoted to more specific chronological periods. In both cases GIS platforms provide the scope to integrate a variety of sources, from material culture (derived from archaeology or the study of architecture), through to documentary sources, and including texts, cartography, aerial photos, and iconography. The Research section of this second issue of PCA presents eight papers in which spatial technologies are applied to the study of late Roman and medieval European cities. Most of the contributions show different possible applications of spatial analysis to the study of the evolution of urban space during the medieval period and the contribution of an interdisciplinary approach to achieving new historical results and research directions. The sections on York, Antwerp, Tours and Padua were presented at a congress on 'Spatial Technologies and the Medieval City' in Padua, May 2012¹, by Alexandra Chavarría and Keith Lilley (the editors of this section). Three further cases - Bordeaux, Siena and Grosseto - have been added because of the relevance of their results. The last paper, by Lilley, offers a critical review of the relevance of recent debates in geography, regarding critical cartography, to users of GIS and other 'spatial technologies' in the production of digital maps in archaeology and history.

¹ In relationship with the activities of the project ARMEP (granted by the CARIPARO Foundation as Eccellenza Project 06).

This second PCA also includes some reflections on public archaeology, for example on the practice of protecting the testimony of the past which is brought to light by archaeology. Although differing terminology is used – ‘rescue archaeology’ in the UK, ‘archeologia di emergenza’ in Italy, ‘archéologie préventive’ in France, etc - there is a common objective: to gather into informative archives scientifically correct and accessible information about the past, which archaeological practice inevitably destroys. However, the results of this archaeological practice are often very scarce in relation to the resources invested - which are also very different in the 5 countries considered (UK, France, Italy, Norway, Spain). The institutional frameworks also differ in these countries, with more or less central control or direction, and more or less room for polycentric participation. In the sphere of protection, we also need to reflect deeply on interdisciplinary approaches, a subject that we will pursue in the next volumes of PCA. It makes little sense to separate protection into so many sectors (environmental, landscape, settlement, architectural), on the basis of historical or disciplinary boxes. If we believe that the parameters for protection are not the market value of objects, but the historical significance of the testimony of the past, we can not hope for complete knowledge. However, we must avoid an interpretation which leads to a paroxysm of protection of every single piece of masonry scattered in the countryside or in the cellars of a city.

In the Retrospect section, Andrzej Buko offers an interesting reading of the development of Polish archaeology from the 19th century to the present day, when archaeology has reformulated a close relationship with history. This collaboration was prominent during the 1950s, when it proposed a reconstruction of the Polish state which echoed the beginnings of medieval archaeology in Italy and France. It is necessary to review this relationship between archaeology and history, in order to consider not only the opportunity for an interdisciplinary strategy, but also its concrete and recurrent risks: the subordination of material data to the documentary sources, which has had, and still has, deleterious consequences for archaeology.

The ‘Project’ chosen for this issue centres on the WIKI platform created by the French team led by Pascale Chevalier and Christian Sapin for CARE (Corpus architecturae religiosae europeae), one of the most ambitious projects concerning the middle ages in Europe to have been developed in recent years.

In a difficult economic phase, that puts at risk the very survival of Europe, this initiative, like others that involve partners of different nations, is a further benchmark for the construction of an international scientific community. This is the perspective that has guided us in the foundation of Post-Classical Archaeologies and the second issue confirms the objectives we set ourselves: a European magazine to discuss the current conditions of archaeology in different countries and to propose new research directions over broad chronological periods, from an interdisciplinary and innovative perspective, based on the contribution of new technologies.