is

Contents

List of Figures v//List of Tables xiList of Plates xiii Notes on Contributors xvSeries Preface xxi List of Abbreviations xxv 1 introduction 1 Mark Greengrass PART I THE VIRTUAL REPRESENTATION OF TEXT 2 7 The Imaging of Historical Documents Andrew Prescotl 3 23 Virtual Restoration and Manuscript Archaeology Meg Twycross 4 Representations of Sources and Data: Working with Exceptions to Hierarchy in Historical Documents 49 Donald Spaeth PART II VIRTUAL HISTORIES AND PRE-HISTORIES FINDING MEANINGS 5 Finding Needles in Haystacks: Data-mining in Distributed Historical Datasets 65 Fabio Ciravegna, Mark Greengrass, Tim Hitchcock, Sam Chapman, Jamie McLaughlin and Ravish Bhagdev 6 Digital Searching and the Re-formulation of Historical Knowledge 81 Tim Hitchcock 7 Using Computer-assisted Qualitative Data Analysis Software in Collaborative Historical Research 91 Caroline Bowden

í

V!	The Virtual Representation of the Past	
8	Stepping Back from the Trench Edge: An Archaeological Perspective on the Development of Standards for Recording and Publication <i>Julian D. Richards and Catherine Hardtnan</i>	101
PAR	T III THE VIRTUAL REPRESENTATION OF SPACE AND TIME	Ľ
9 W	Thich? What? When? On the Virtual Representation of Time Manfred Thaller	<i>1</i> 15
10	In the Kingdom of the Blind: Visualization and E-Science in Archaeology, the Arts and Humanities Vincent Gaffney	125
11	Using Geographical Information Systems to Explore Space and Time in the Humanities Ian Gregory	135
12	Spatial Technologies in Archaeology in the Twenty-first Century Paul Cripps	147
PAR	RT IV THE VIRTUAL REPRESENTATION OF HISTORICAL OBJECTS AND EVENTS	
13	Digital Artefacts: Possibilities and Purpose David Arnold	159
14	'Oh, to make boards to speak! There is a task!' Towards a Poetics of Paradata Richard Beacham	171
15	Electronic Corpora of Artefacts: The Example of the Corpus of Romanesque Sculpture in Britain and Ireland Anna Bentkowska-Kafel	179
16	Conclusion: Virtual Representations of the Past - New Research Methods, Tools and Communities of Practice Lorna Hughes	191
	pendix: Glossary of Acronyms and Terms pliography lex '	203 209 223