GIS Guide to Good Practice

evited by Mark Gillings and Alicia Wise

with contributions by Mark Gillings, Peter Halls, Gary Lock, Paul Miller, Greg Phillips, Nick Ryan, David Wheatley, and Alicia Wise

Revised by Tim Evans, Peter Halls and Kieron Niven (2011)

• Acknowledgements

Section 1. Introduction to the GIS Guide

• 1.1 How to use this Guide
• 1.2 Applications of GIS in Archaeology
• 1.3 Current Issues and Concerns

Section 2. Creating and Using GIS Datasets

• 2.1 Data Types: Vector and Raster Models
• 2.2 Precision and Accuracy, Scale and Resolution
• 2.3 Attribute Data and Databases
• 2.4 Projections and Coordinate Systems
• 2.5 Sources of Data
• 2.6 Digital Elevation Models
• 2.7 Copyright
• 2.8 Documenting Data Creation

Section 3: Archiving GIS Datasets

• 3.1 Preparing to Archive: Files and Formats
• 3.2 Project-level Metadata
• 3.3 Data-specific Documentation and Metadata

Appendices

• Appendix 1: Case Study - Depositing a GIS Dataset
• Appendix 2: Pathways Through the GIS Guide to Good Practice

Bibliography and Further Reading

• Bibliography
• Glossary