Section 1: A Brief Introduction to CAD

1.1 An Introduction to the CAD Guide
1.2 The Development of CAD
1.3 Common Features of CAD Programs
1.4 Two and Three-dimensional Drawings and Models
1.5 CAD and GIS
1.6 Data Visualisation: Rendering Techniques & Analysis Methods

Section 2: Capturing Data for CAD Projects

2.1 Data Acquisition: Precision and Accuracy
2.2 Data Capture and Field Survey for CAD Modelling: Procedures and Techniques
2.3 Digitisation: Retrospective Conversion to CAD from Maps, Plans and Drawings
2.4 Conclusions

Section 3: CAD Systems

3.1 Choosing CAD Software and Hardware
3.2 CAD Data Formats
3.3 CAD Conventions

Section 4: Documenting Data from CAD Projects

4.1 Why Document Your Data?
4.2 Project Documentation
4.3 Documenting the Conventions
4.4 Documenting Field Data Capture
4.5 Documenting Data Sources
4.6 Documenting CAD Models

Section 5: Archiving CAD Data

5.1 Planning the Curation and Preservation of CAD Data
5.2 Data Selection and Retention
5.3 Preservation Formats
5.4 Metadata for CAD Assets

Appendices

Appendix 1: Accuracy and Instrument Tests
Appendix 2: The CSA Layer-naming Convention
Case Study 1: Deansway
Case Study 2: Symon's Castle
• Case Study 3: Planning the Survey for the Pompeii Forum Project
• Case Study 4: Modelling the Older Propylon in Athens
• Case Study 5: A GPS Survey of Hambledon Hill
• Case Study 6: Symon's Castle Documentation

Bibliography and Glossary

• Bibliography
• Glossary