## Contents

Preface to the Third Edition  xi
Preface to the Second Edition  xiii
Preface to the First Edition  xv
Acknowledgments  xvii
Credits  xviii

1 Introduction and Overview of Professional Archaeology  1
  1.1. Introduction: Purpose, Audience, and Overview of Contents  1
  1.2. Brief History of Extra-Academic and Professional Archaeology and Cultural Resources Legislation  6
    1.2.1. Initial Federal Involvement in Cultural Resources  7
    1.2.2. WPA Archaeology and its Influence on Modern Professional Archaeology  9
      1.2.2.1. Government Regulation versus Academic Independence  11
      1.2.2.2. Quality of Work under Deadline Conditions  12
      1.2.2.3. Reasons for Excavation: Chosen Research Problem versus Circumstantial Research Problem  13
      1.2.2.4. Analysis and Publication  14
    1.2.3. Post-War and Formulation of Professional Archaeology  14
      1.2.3.1. The Missouri Basin Project  14
      1.2.3.2. Legislation, Expansion of Government, and Academic Growth  16
      1.2.3.3. Rifficulation  17
  1.3. Current Structure of Archaeology in the United States  19
    1.3.1. Archaeology within the Academic World  21
    1.3.2. Archaeology Outside of the University  25
  1.4. Summary  28

2 Laws, Regulations, and Protocols  35
  2.1. Purposes and Objectives  35
  2.2. Federal Laws and Regulations: Section 106 Process  37
    2.2.1. Section 106  38
    2.2.2. Implementing Section 106: 36 CFR Part 800, "Protection of Historic Properties"  38
      2.2.2.1. Some Concepts: Historic Property, Undertaking, Effect, Agency, Determination  38
      2.2.2.2. Significance and 36 CFR 60  41
      2.2.2.3. The Parties in the Section 106 Process  44
      2.2.2.4. Steps along the Way: The Process  45
      2.2.2.5. Re-examination and Comment in Detail on the Section 106 Process  49
    2.2.3. Additional Factors and Agency Regulations  54
  2.3. Additional Regulations and Requirements  56
    2.3.1. The Section 106 Process and the National Environmental Policy Act  56
    2.3.2. Other Legislation, Regulations, and Guidelines  58
      2.3.2.1. Additional Legislation  58
      2.3.2.2. Regulations  60
      2.3.2.3. Guidelines  61
  2.4. State Laws, Regulations, and Protocols  61
### 2.5. Municipal and County Regulations

### 2.6. Summary

#### 3. Proposals and Contracts

##### 3.1. Purpose and Objectives

##### 3.2. Government Contracts

- 3.2.1. Levels of Government and Needs
- 3.2.2. Where Government Needs Are Published
- 3.2.3. Responding to a Request for Proposals (RFP)
  - 3.2.3.1. Contents of a Bid Package
  - 3.2.3.2. Completing the Forms
  - 3.2.3.3. Qualifications Statement
  - 3.2.3.4. Technical Proposal
  - 3.2.3.5. Competitive Budget Estimates
- 3.2.4. Structuring and Negotiating the "Best-and-Final"

##### 3.3. Private-Sector Contracts

- 3.3.1. Types of Private-Sector Clients and Needs
- 3.3.2. Locating Private-Sector Clients
- 3.3.3. Assembling a Bid Package
  - 3.3.3.1. Contents of a Bid Package
  - 3.3.3.2. Qualifications Statement
  - 3.3.3.3. Project Design and Working with the Regulatory Agencies
  - 3.3.3.4. Competitive Budget Estimates
- 3.3.4. Structuring and Negotiating the "Best-and-Final"

##### 3.4. Summary

#### 4. Safety Factors and Occupational Hazards

##### 4.1. Purpose and Objectives

##### 4.2. Safety Plans

##### 4.3. Physical Factors and Hazards

- 4.3.1. Sunlight and Temperature
- 4.3.2. Small Particulate Matter
- 4.3.3. Immersion
- 4.3.4. Injuries

##### 4.4. Biological Factors and Hazards

- 4.4.1. Diseases
- 4.4.2. Venoms Animals
- 4.4.3. Poisonous Plants

##### 4.5. Chemical Factors and Hazards

- 4.5.1. Pesticides
- 4.5.2. Chemical Fertilizers
- 4.5.3. Fire Retardants
- 4.5.4. Soil Contaminants
  - 4.5.4.1. Petroleum
  - 4.5.4.2. Lead
  - 4.5.4.3. Arsenic
  - 4.5.4.4. Asbestos
  - 4.5.4.5. Dioxin
  - 4.5.4.6. Radiation
- 4.5.5. Field and Laboratory Chemicals

##### 4.6. First Aid Preparations

##### 4.7. Summary
Contents
Appendix B. Summary of Disease Hazards
Appendix C. Poisonous Plants
Appendix D. Register of Professional Archaeologists Code of Conduct and Standards of Research Performance
References Cited
Index
About the Authors