

# Contents

|  |     |
|--|-----|
| <b>Contributors</b> .....  | iii |
| <b>Preface. Visionary and Pragmatic: Studying the Nuts and Bolts of Roman Architecture</b> .....   | vii |
| <i>Simon J. Barker and Dominik Maschek</i>   |     |
| <b>1. From Tenney Frank to Janet DeLaine: Roman Architecture and Economic History</b> .....  | 1   |
| <i>Dominik Maschek</i>   |     |
| <b>2. Beyond Labour Figures: The ‘Hidden’ Costs of Stoneworking and their Application in Architectural Energetics</b> .....                                | 15  |
| <i>Simon J. Barker and Ben Russell</i>   |     |
| <b>3. Reconstructing the Construction Process in <i>Hispania</i>: Epigraphy as a Source</b> .....  | 43  |
| <i>Santiago Sánchez de la Parra-Pérez</i>  |     |
| <b>4. Issues Arising from Inheritance Tax Applied to Testamentary Legacies: Legal Aspects of Estimating the Value of Roman Construction Projects</b> ..... | 61  |
| <i>Grzegorz Jan Blicharz</i>   |     |
| <b>5. Demolitions, Collapses, and the Control of the Housing Market in Rome</b> .....  | 80  |
| <i>Marguerite Ronin</i>  |     |
| <b>6. La construcción del poder omeya. Recursos, costes y ciclo productivo arquitectónico de Madīnat al-Zahrā’</b> .....                                   | 98  |
| <i>Eneko Lopez-Marigorta and Christopher Courault</i>  |     |
| <b>7. How to Define the ‘Status’ of Stonemasons Employed in a Rock-Hewn Worksite in the Medieval Period: Reflections and Hypotheses</b> .....              | 119 |
| <i>Anaïs Lamesa and Michael Gervers</i>  |     |
| <b>8. The Energetics of Earth and Turf Construction in the Roman World</b> .....   | 135 |
| <i>J. Riley Snyder, Ben Russell, Tanja Romankiewicz, Christopher T.S. Beckett</i>  |     |
| <b>9. Quarrying Megaliths in Heliopolis (Baalbek, Lebanon): The Jupiter Temple and the Hajjar al Hibla Quarry</b> .....                                    | 159 |
| <i>Jeanine Abdul Massih</i>  |     |
| <b>10. Quarrying at Mons Claudianus: Costs and Time as Organisational Concerns (?)</b> .....   | 179 |
| <i>Alfred M. Hirt</i>  |     |
| <b>11. From Extraction to Transport: Technical and Management Aspects of Quarries of Building Stone</b> .....  | 188 |
| <i>Anna Gutiérrez Garcia-M.</i>  |     |

|  |     |
|--|-----|
| 12. L'evoluzione costruttiva della "parte alta" di <i>Tarraco</i> in epoca romana: alcune osservazioni sulla costruzione del cosiddetto Foro Provinciale ..... | 215 |
| <i>Maria Serena Vinci</i>  |     |
| 13. Labour and its Cost During the Aegean Late Bronze Age.....   | 233 |
| <i>Ann Brysbaert</i>   |     |
| 14. Building Accounts, Monumental Construction Projects, and Labour Rates in the Classical and Hellenistic Periods .....                                       | 266 |
| <i>Jari Pakkanen</i>   |     |
| 15. On Toolmarks, Sequence of Carving, and Labour Quantification in Roman Stone Carving: The Case of Heroon III at Miletus.....                                | 286 |
| <i>Natalia Toma</i>  |     |
| 16. Il Peristilio Inferiore della <i>Domus Augustana</i> sul Palatino: organizzazione del lavoro e calcolo dei costi di un'impresa imperiale .....             | 297 |
| <i>Francesca Caprioli, Alessandro Mortera, Patrizio Pensabene, Javier Á. Domingo</i>   |     |
| 17. Quantifying the Forum of Pompeii: Building Economics, Material, and Labour .....   | 332 |
| <i>Cathalin Recko</i>  |     |
| 18. Pompeian Wall Painting in Figures: Labour and Materials .....  | 343 |
| <i>Francesca Bologna</i>   |     |
| 19. The Amphitheatres of <i>Regio X – Venetia et Histria</i> : The Impact of Stone Supplying Cost on Ancient Construction Processes.....                       | 356 |
| <i>Caterina Previato</i>   |     |
| 20. Templi romani giganteschi in Asia Minore: Problemi di costi e di finanziamento .....   | 372 |
| <i>Paolo Barresi</i>   |     |
| 21. Diocletian's Mausoleum in the Imperial Palace of Split: A Review of its Architecture and an Estimate of its Financial Cost .....                           | 390 |
| <i>Javier Á. Domingo and Daniela Matetić Poljak</i>  |     |