Archaeological Soil and Sediment Micromorphology
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Hardcover ISBN: 978-1-118-94105-8  October 2017  $130.00

DESCRIPTION

Archaeological Soil and Sediment Micromorphology goes beyond a mere review of current literature and features the most up to date contributions from numerous scientists working in the field. The book represents a groundbreaking and comprehensive resource covering the plethora of applications of micromorphology in archaeology. Archaeological Soil and Sediment Micromorphology offers researchers, students and professionals a systematic tool for the interpretation of thin sections of archaeological contexts.

This important resource is also designed to help stimulate the use of micromorphology in archaeology outside Europe, where the technique is less frequently employed. Moreover, the authors hope to strengthen the proper application of soil micromorphology in archaeology, by illustrating its possibilities and referring in several cases to more specialized publications (for instance in the field of plant remains, pottery and phytoliths). Written for anyone interested in the topic, this important text offers:

• Contributions from most of the world's leading authorities on soil micromorphology
• A series of chapters on the major topics selected among the most recurrent in literature about archaeological soil micromorphology
• Systematic descriptions of all important micromorphological features
• Special analytical tools employed on thin sections, such as SEM/EDS, image analysis, fluorescence microscopy, mass spectrometry, among others
• Numerous cross-references
• 400 illustrated full-colour plates

The resource provides the most current and essential information for archaeologists, geoarchaeologists, soil scientists and sedimentologists. Comprehensive in scope, Archaeological Soil and Sediment Micromorphology offers professionals and students a much-needed tool for the interpretation of thin sections of archaeological contexts.

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