

# Ισπανία



Ομάδα Αρχαιομετρίας, Τμήμα Προϊστορίας-Αρχαίας Ιστορίας & Αρχαιολογίας, Πανεπιστήμιο Βαρκελώνης, Ισπανία

# Spain

**ERAUB Equip de Recerca Arqueometrica de la Universitat de Barcelona - Universitat de Barcelona (Barcelona, Spain)**

The Equip de Recerca Arqueomètrica de la Universitat de Barcelona, Departament de Prehistòria, Història Antiga i Arqueologia, Universitat de Barcelona, has broad experience on the application of scientific analysis to archaeological studies. This application covers mainly three broad research areas: study of provenance and technology of artefacts (pottery, wall paintings, stone artefacts, etc...), landscape and environmental reconstruction (phytolith analysis, etc...) and absolute dating (<sup>14</sup>C Laboratory). Regarding the research in pottery, the main research fields within the analytical activity are: a) Theoretical issues in archaeometry, with special emphasis on the development of statistical methodologies for compositional data, mixed-mode analysis of chemical and petrographic data, perturbations due to alterations and contaminations and the design of a general theoretical framework in pottery studies.

b) Provenance and technology of archaeological materials including analytical study and experimentation both with raw materials and artefacts and by ethnoarchaeological and ethnoarchaeometrical studies. c) Study of processes of alteration and contamination of archaeological materials. d) Reproduction of ancient ceramics.

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