

Natàlia Égüez

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Current position

- PhD Candidate at the Graduate School Human Development in Landscapes, Institute of Pre- and Protohistoric Archaeology, Kiel University (Germany). Supervisors: Prof. Dr. Cheryl Makarewicz and Dr. Carolina Mallol.
- Member of the *Prehistory Research and Studies Seminar (SERP)* Research Group. Prehistory, Ancient History and Archaeology Department. University of Barcelona (Spain) – since 2008.

Academic history

- 2015 Postgraduate course in *Stable Isotope Ecology*, Faculty of Mathematics and Natural Sciences, Kiel University (Germany).
- 2015 Postgraduate course in *Archaeology of Pastoralism*, Institute of Pre- and Protohistoric Archaeology, Kiel University (Germany).
- 2011 M.A. in *Archaeology*, Faculty of Geography and History, University of Barcelona (Spain).
- 2009 PGCE in *Geography, History and Art History*, Education Sciences Institute, University of Barcelona (Spain).
- 2008 B.A. in *Physical Geography*, Faculty of Geography and History, University of Barcelona (Spain).

Participation in Research Projects

- *Installations de la fin du Paléolithique moyen de la grotte Mandrin, Malataverne (Drôme)*, Lyon / Aix-en-Provence, Rhône-Alpes. Service Régional de l'Archéologie / ESEP - UMR 6636 LAMPEA (Laboratoire Méditerranéen de Préhistoire Europe, Afrique) - since 2014
- *The Pleistocene in the central Catalan coast: paleoenvironment and Neanderthal occupation*. Archaeology and Paleontology Service. Catalan Government – since 2013
- *Society, technology and crafting specialization. The first peasant societies and social hierarchy in the south of the Iberian Peninsula (V-III millennium BC)*. Spanish Ministry of Science and Innovation – since 2012
- *Technology and society: craft specialization and diversification in eastern Andalusia between the V-III millennia B.C.* Spanish Ministry of Science and Innovation – since 2012
- *Human occupation and its relationship with the environment in NE Peninsula during the late Pleistocene and early Holocene*. Spanish Ministry of Science and Innovation – since 2011
- *Upper Paleolithic and Mesolithic in the NE peninsula. A socio-economic, cultural and environmental approach*. Spanish Ministry of Science and Innovation – since 2011

Publications

- 2015 Sanz, M., Daura, J., Égüez, N., Brugal, J.P. Not only hyenids: A multi-scale analysis of Upper Pleistocene carnivore coprolites in Cova del Coll Verdaguer (NE Iberian Peninsula). *Palaeogeography, Palaeoclimatology, Palaeoecology* 443.
- 2015 Sanz, M., Daura, J., Égüez, N., Cabanes, D. Following anthropogenic tracks in carnivore dens based on altered combustion structures in Cova del Gegant (NE Iberian Peninsula). *Quaternary International*. (In press).
- 2015 Driscoll, K., Alcaina, J., Égüez, N., Mangado, X., Fullola, J.M., Tejero, J.M. Trampled under foot: a quartz and chert human trampling experiment at the Cova del Parco rock shelter, Spain. *Quaternary International*. (In press).
- 2014 Égüez N., Mallol C., Martín-Socas D., Camalich D.: Radiometric Dates and Micromorphological Evidence for Synchronous Domestic Activity and Sheep Penning in a Neolithic Cave: Cueva de El Toro (Málaga, Antequera, Spain). *Archaeological and Anthropological Sciences* 8(1), 107-123.

Conference presentations

Presentations

- 2015 Égüez, N., Mallol, C., Makarewicz, C. *Identifying ovicaprine stabling floors in ethnographic pastoral campsites through microstratigraphic analysis*. Current Ethnoarchaeology Conference, November 25-27 (Rome, Italy).
- 2015 Duarte, C., Égüez, N., Gutiérrez, M. Pérez, A. *The application of Micromorphology on Holocene Anthropogenic Deposits in the Iberian Peninsula: current knowledge and future perspectives*. October 21st-24th, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa (Portugal).
- 2015 Égüez, N., Mallol, C., Makarewicz, C. Ruth Blasco, Jordi Rosell, Florent Rivals, Eugène Morin, François Bachelier, Isabelle Crevecoeur, Hélène Rougier. *Micro-characterization of carnivore coprolites: a contribution to the study of Pleistocene anthropogenic sedimentary deposits*. Developing International Geoarchaeology (DIG) Conference, June 8-12, (Sardinia, Italy).
- 2015 Mangado, X.; Tejero, J.M.; Fullola, J.M. Petit, M.A.; Sánchez, M.; Egüez, N.; Bartrolí, R. *Darreres aportacions al coneixement del Paleolític superior final al vessant sud dels Pirineus occidentals: la transició entre el Magdalenian superior i el Magdalenian mitjà a la Cova del Parco (Alòs de Balaguer, La Noguera)*. Primeres Jornades d'Arqueologia i Paleontologia de Ponent, April 17-18 (Lleida, Spain).
- 2014 Driscoll, K., Alcaina, J., Égüez, N., Mangado, X., Fullola, J. M^a. *Tread carefully: a quartz and chert human trampling experiment at the Cova del Parco rock shelter, Spain*. XVII World Congress of Prehistoric and Protohistoric Sciences, 1st – 7th September (Burgos, Spain).
- 2014 Égüez, N., Mallol, C., Martín Socas, D., Camalich, M. D. *Estudio microestratigráfico de Cueva de El Toro: resultado del muestreo preliminar*. I Seminario de Prehistoria. La Cueva de El Toro (Antequera, Málaga) y el Neolítico en Andalucía. 22-23rd January 2014. University of La Laguna (Tenerife, Spain).

Poster papers

- 2014 Égüez, N., Mallol, C., Mangado, X., Fullola, J. M^a. *Archaeological palimpsest dissection at Cova del Parco (Lleida, Spain) through microstratigraphic investigation of combustion structures. Preliminary results*. European Geosciences Union (EGU) General Assembly, 27th April - 2nd May (Vienna, Austria)
- 2014 Égüez, N., Mallol, C., Martín Socas, D., Camalich, M. D. *La Cueva de El Toro (Antequera, Málaga): fases de combustión durante el Neolítico peninsular desde una aproximación microestratigráfica*. III Congreso de Prehistoria de Andalucía. I +D+I en la Prehistoria del sur peninsular. 22nd – 24th October (Málaga, Spain).
- 2013 Égüez, N., Mallol, C., Martín Socas, D., Camalich, M. D. *Neolithic Combustion at Cueva del Toro (Málaga, Antequera, Spain): A Microstratigraphic Approach*. Developing International Geoarchaeology (DIG) Conference, September 5-6, University of Basel (Basel, Switzerland).

Coordination of scientific activities

- 2015 Session Co-convenor: Microarchaeology: tracking the hidden archaeological record through multidisciplinary analysis. October 21st-24th, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa (Portugal).
- 2014 Workshop: Fire and Prehistory: Geoarchaeological Perspectives. April 25th, Facultat de Geografia i Història, Universitat de Barcelona (Spain).
- 2013 Archaeological Soil Micromorphology Workshop in the VI Young Researchers in Archaeology (JIA) Conference (7th - 11th May). Coordination with: M. Mateu (SERP and GRAP). Prehistory, Ancient History and Archaeology Department. University of Barcelona (Spain).

Relevant scientific training courses

- 2014 *Short course on forest fire effects on soil properties*. 1st May 2014, European Geosciences Union General Assembly (Vienna, Austria).
- 2011 Intensive short course in Archaeological Soil Micromorphology. November 7-12, UCL Institute of Archaeology. University College London (London, United Kingdom).

Relevant scientific participation to workshops

- 2015 Annual Workshop of the Working Group on Archaeological Soil Micromorphology, September 2-4, University of Cagliari (Sardinia, Italy).
- 2015 International Open Workshop Socio-Environmental Dynamics over the Last 12.000 Years: The Creation of Landscapes IV, March 24-27, Kiel University (Kiel, Germany).
- 2014 International Workshop Coming of Age? Stable Isotopes in Archaeology, November 6-8, Kiel University (Kiel, Germany).
- 2013 Annual Workshop of the Working Group on Archaeological Soil Micromorphology, September 2-4, University of Basel (Basel, Switzerland).
- 2012 14th International Working Meeting on Soil Micromorphology. July 8-1, Universitat de Lleida (Lleida, Spain).
- 2012 Archaeological Soil Micromorphology Workshop. July 9-10. Universitat de Barcelona (Barcelona, Spain).
- 2011 International Student Workshop on Microarchaeology. April 3-8, Weizmann Institute of Science (Rehovot, Israel).

Archaeological fieldwork

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- 2015 Fieldwork and survey at Northern, Central and Southern Mongolia. Ethnographic and Bronze Age.
- 2014 Fieldwork and excavation at Grotte Mandrin (Malataverne, France), Middle Palaeolithic.
- 2014 Fieldwork at Cova Bonica (Vallirana, Spain), Neolithic.
- 2013 Fieldwork and excavation at Abric del Pastor (Alcoy, Alicante, Spain), Middle Palaeolithic.
- 2013 Fieldwork and excavation at Abric de El Salt (Alcoy, Alicante, Spain), Middle Palaeolithic.
- 2013 Fieldwork at Cova del Gegant (Sitges, Spain), Middle Palaeolithic.
- 2008-20 Fieldwork and excavation at Cova del Parco (La Noguera, Lleida, Spain),
15 Epipalaeolithic and Upper Palaeolithic.
- 2007-20 Fieldwork and excavation at Pollentia (Alcúdia, Mallorca, Spain), Roman and Late
08 Roman.

Languages

Catalan Native

Spanish Native

English Fluent spoken and written (C1.1 CEF)

Computer skills

Advanced user of latest versions of Office Pack, Libre Office, Adobe CS Pack, SoftImaging.
Basic user of latest versions of Freehand MX, ArcGIS, QGIS.

Memberships

S i n c e EGU (European Geosciences Union). Soil System Sciences Division.
2013

S i n c e FUEGORED (Effects of Wildfires on Soils thematic network).
2013

Since 2012 AINUBHA (University of Barcelona History and Archaeology Researchers Association).