

**Natàlia Égüez**

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**Current position**

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- 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**

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- 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**

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- *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

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| 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). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 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). <i>Quaternary International</i> . (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. <i>Quaternary International</i> . (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). <i>Archaeological and Anthropological Sciences</i> 8(1), 107-123. |

## Conference presentations

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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<sup>a</sup>. *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, 1<sup>st</sup> – 7<sup>th</sup> 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<sup>a</sup>. *Archaeological palimpsest dissection at Cova del Parco (Lleida, Spain) through microstratigraphic investigation of combustion structures. Preliminary results*. European Geosciences Union (EGU) General Assembly, 27<sup>th</sup> April - 2<sup>nd</sup> 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. 22<sup>nd</sup> – 24<sup>th</sup> 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

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- 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**

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- 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**

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- 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**

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Catalan Native

Spanish Native

English Fluent spoken and written (C1.1 CEF)

### **Computer skills**

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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**

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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).