



Madrid, December 2014

16th Annual NECLIME Meeting

Geominero Museum

Geological Survey of Spain

(Instituto Geológico y Minero de España)

Madrid, October 14 – 17, 2015

FIRST CIRCULAR

We are delighted to invite you to attend the **Sixteenth Annual NECLIME Meeting**, to be held from Wednesday, October 14th to Saturday 17th, 2015, in the city of Madrid (Spain). Madrid is an administrative and historical city, located in the geographical center of the Iberian Peninsula. It was designed as the capital of the Kingdom of Spain by the King Philip II in 1561. Although Madrid possesses a modern infrastructure, it has preserved the look and taste of many of its historic neighbourhoods and streets. Concretely, the so-named Golden Triangle of Art, located along the Paseo del Prado comprises three famous art museums: the Prado Museum, the Reina Sofía Museum, a museum of modern art, and the Thyssen-Bornemisza Museum. In the same area it is also placed the Royal Botanical Garden, an important research institution which was declared Artistic Garden the last Century.

The selection of Spain for this meeting is a good opportunity to learn about the evolution of climate and vegetation on the Iberian Peninsula through the Cenozoic, as well as to improve our knowledge about the origin of the Mediterranean landscapes and their palaeodiversity during this period.

The 16th Annual NECLIME Meeting will hold in the Geological Survey of Spain (Instituto Geológico y Minero de España) which is a public research institution attached to the Spanish Ministry of Economy and Competitiveness. It was created in 1849 by the Queen Isabel II of Spain with the original denomination “Commission for

the Geological Chart of Madrid and the Kingdom”. The main aim of the IGME is to provide the State and Autonomous Region Administrations as well as the general society, with precise knowledge and information regarding the Earth Sciences and related technologies for any development on the Spanish territory.

The Geominero Museum is integrated in the IGME, being its main aim to disseminate knowledge of the richness and diversity of Spain’s geological and mining heritage via the permanent exhibition of representative collections of minerals, rocks and fossils.



Building of the IGME



The Geominero Museum

Organizing Committee

Chairman:

- María F. Valle, Salamanca University, Spain

Executive Secretary:

- Eduardo Barrón, Geological Survey of Spain, Madrid

Members:

- Angela A. Bruch, Senckenberg Research Institute, Frankfurt am Main, Germany
- Manuel Casas-Gallego, Robertson (UK) Ltd., United Kingdom
- José María Postigo-Mijarra, School of Forestry Engineering, Technical University of Madrid
- Isabel Rábano Gutiérrez del Arroyo, Geological Survey of Spain, Madrid
- M^a Rosario Rivas-Carballo, Salamanca University, Spain
- Torsten Utescher, Steinmann Institute, Bonn University, Germany

Sponsors

Instituto Geológico y Minero de España_(Spanish Geological Survey)

Department of Geology, Faculty of Sciences, University of Salamanca

Research Project n°_CGL2011-23438/BTE (Environmental characterization of Miocene lacustrine systems with marine-like faunas from the Duero and Ebro basins: geochemistry of biogenic carbonates and palynology), Instituto de Ciencias de la Tierra Jaime Almera (Spanish Council for Scientific Research - CSIC).

Presentations and Topics

The main scientific topics to be discussed are:

- Evolution of climate and vegetation on the Iberian Peninsula (based on plant and vertebrate fossil evidence)
- The evolution of the Mediterranean floras since the Pliocene
- Palaeobiodiversity: species richness and ecological diversity through time
- other NECLIME topics

Participation is open to all persons interested in one or more of these broad topics, and we particularly encourage the participation of young scientists.

The oral sessions will consist of talks scheduled for 20 minutes plus some minutes for discussion, that will be arranged on October 15th to 16th (Thursday to Friday) in the “Cristóbal Bordiu” lecture-room of the Spanish Geological Survey, which is located beside the Geominero Museum (Ríos Rosas 23, 28003 Madrid).

Posters will be displayed during Thursday 15th and Friday 16th.

Preliminary Program

October 14th. Registration in the Geominero Museum: 16:00-18:00; visit to the Museum: 18:00; a short walking city tour through the center of Madrid.

October 15th. First day of technical sessions and scientific presentations.

October 16th. Second day of technical sessions and scientific presentations.

October 17th. Meeting field trip. Pleistocene vegetation and human evolution at the Atapuerca site (Burgos). The first Europeans. Co-leaders: J.M^a. Postigo-Mijarra and E. Barrón.

Field Excursion

Field trip. October 17th:

“Pleistocene vegetation and human evolution at the Atapuerca site (Burgos). The first Europeans”

The main aim of this trip will be to visit the famous Pleistocene Atapuerca outcrop, where a high number of human fossil bones belonging to different species of the genus *Homo* have been found. Concretely, this is the type locality of the species

Homo antecessor. Likewise, the best collection in the world of *Homo heidelbergensis* skeletons has been collected at this site.

The trip will also concern the Mediterranean flora and vegetation that now exist in the area. Palynological studies revealed that they are very similar to these from the Pleistocene times.

The trip will continue with a visit to the Human Evolution Museum (www.museoevolucionhumana.com) in the city of Burgos and will finish with a touristic tour through the city.

Travel plan: departure from the IGME building (Madrid) to Atapuerca in the early morning of October 17th; visit to the outcrops and the Museum in the morning (Atapuerca outcrops are very close to Burgos city, around 16 km); lunch in Burgos city; touristic tour to the city in the evening; return to Madrid in the late evening.

Considering the distance between Madrid and Burgos (245 km), there exists the option of spend a night in Burgos city and return to Madrid the 18th October visiting some interesting meso- and oro- Mediterranean ecosystems from Burgos and Soria provinces.

Meeting Contributions

Abstracts for oral and poster contributions have to be submitted as Word file font Times New Roman 12, single spaced and should not exceed one page. Please give full affiliations of all authors.

We offer the possibility for publishing a NECLIME special issue on the topics of the meeting in the [Boletín Geológico y Minero](#), an **open access** scientific journal published by the Geological Survey of Spain.

Accommodation

Participants are expected to book their own accommodation in Madrid. A list with different hotels, accommodations and prices will be included in the Second Circular.

Travel

At present, the best and fastest public transports from Madrid-Barajas Airport to the center of the city are the subway (there are connections in the airport by Metro Line 8) and the bus (airport express).

Accompanying persons

The commercial and historic center of Madrid is very accessible. The Tourist Agency (*Madrid about you*; www.turismomadrid.es) will provide a special programme for accompanying persons for either 24 or 48 hours, visiting the main museums and monuments. Accompanying people need not register for the Symposium, but if they

want to attend the Symposium dinner or any of the Meeting field trip, they will need to make reservations and pay the respective fees for those events.

Expected weather

The dates selected in autumn are ideal for Madrid, when fair weather and daily temperatures ranging from 19 to 20°C are typical. Temperatures will be probably lower in the Burgos province during the trip.

Anticipated registration fees

1. General participants: 70 €.
The registration fee covers the costs of publication, coffee breaks and social activities.
2. Meeting field trip (October 17th): approximately 50 € (the fee covers transportation, entrance fee and guides in the excursion, but not the lunch).
A trip of two days long returning to Madrid by the Soria province will cost around 150 € (accommodation in Burgos included).
However, costs will partly depend on the number of participants.

Deadlines

Please, fill and return the pre-registration form attached below before 31th January, 2015.

Distribution of the Second Circular with hotel information: 16th February, 2015

Short papers or abstracts submission: 30th April, 2015

Distribution of Third Circular: 30th May, 2015

Contact

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We look forward to seeing you in Madrid

Please, fill and return the following pre-registration form

Questionnaire for 16th NECLIME, 2015

If you are interested in attending the Meeting, please complete the following questionnaire, and return it by e-mail or fax to the Secretary of the meeting. You will receive the Second Circular with more details by February, 2015.

Meeting Secretary

Eduardo Barrón
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Phone: 34-91-3495883

Family Name:

Title:

First Name:

Institution:

Address:

City, ZIP code:

Country:

E-Mail:

I will be attending the meeting: Yes Probably

I intend to give (number) Oral presentation(s) Poster(s)

With the preliminary title(s):

I am interested in the 1-day field excursion to Atapuerca (approx 50 €):

Yes Not

I am interested in the 2-day field excursion to Atapuerca and modern mediterranean vegetation (approx 150 €):

Yes Not

Date