



IGCP - International Geosciences Programme

'Goevents, Geological Heritage, and the Role of the IGCP'

Caravaca de la Cruz, September 15th - 18th, 2010

<http://www.ugr.es/~mlamolda/congresos/geoevents>

2nd Circular

We are pleased to invite you to participate in the International Conference on *Goevents, Geological Heritage, and the Role of the IGCP* to be held in Caravaca de la Cruz, southeastern Spain from Wednesday 15th to Saturday 18th September 2010.

The year 2010 is the 35th Anniversary of the Spanish National Committee, IGCP, and the Municipal Council of Caravaca is again our sponsor as it was in June 2003 in respect to the international conference on *Bioevents, their stratigraphic records, patterns and causes*, with several topics related to IGCP projects.

From time to time a European Regional Meeting of the IGCP has been convened, entirely dependent upon a host nation volunteering to organize an event of this kind. Spain has never been the venue of such a meeting, and there has been a long period since the last one (Czech Republic, 1999). Delegates of the IGCP National Committees, and European leaders of IGCP projects will present the main activities and achievements of their respective committees or projects, and will discuss topics of common interest.

During this first decade of the XXIst Century interest continues concerning those global phenomena which produced relevant changes in the Earth's Natural History: life evolution, climate with extreme representatives, such as Ice House Earth and Green House Earth, global balance of the carbon cycle, biosphere-geosphere feedback, plate tectonics and orogenies, extraterrestrial phenomena, etc. IGCP projects are a successful arena for interdisciplinary research, especially since the 1980s, e.g., IGCP project n° 216 *Biological events in Earth History*, where geochemists, paleontologists, sedimentologists, stratigraphers, etc., collaborated and made the geological record more understandable.

Some localities studied by IGCP projects around the world are very important as representative for their fossil content, stratigraphical relevance, etc. These facts induced geological institutions to propose programmes such as Geosites and, especially Geoparks, to the IGCP, to preserve those localities, to build mutual profitable relationships between geoscientists, sites owners and/or local and regional authorities, in such a way that they are a natural teaching room. The geological heritage in Europe is the subject of the European Association for the Conservation of the Geological Heritage "ProGEO". Its representative in Spain, the Commission on Geological Heritage of the Sociedad Geológica de España, in collaboration with the IGCP Spanish Committee, is the organizer of a symposium focused on the SW European countries: France, Italy, Portugal and Spain.

The conference consists in three symposia:

- *Goevents: learning about global changes*,
- *IGCP European Regional Meeting*,
- *First Meeting of ProGEO Regional Working Group SW Europe (France, Italy, Portugal, and Spain)*

Participation is open to every person interested in one or more of these broad topics.

The meeting encourages the participation of young scientists.

Organisers: IGCP Spanish National Committee, Caravaca de la Cruz Council

Organising Committee:

Marcos A. Lamolda (convener)

Julio Aguirre Rodríguez, Juan C. Braga Alarcón, Miguel Company Sempere, Antonio G. Checa González, Enrique Díaz Martínez, Francisco Guillén Mondéjar, Gonzalo Jiménez Moreno, Agustín Martín Algarra, Elvira Martín Suárez, Florentin J-M. R. Maurrasse, Federico Olóriz Sáez, Christopher R. C. Paul, Alberto D. Pérez López, Pascual Rivas Carrera, Francisco J. Rodríguez Tovar, José Sandoval Gabarrón, José M^a Tavera Benítez.

Secretariat

Diego Marín Ruiz de Assín (local secretary), Asunción Alías Linares, Luis Arrufat Milán, Carlos Díaz Bermejo, Pilar Navas-Parejo García, Gregorio Romero Sánchez.

Scientific Committee

Marcos A. Lamolda, Mikhail Fedonkin, Gonzalo Jiménez Moreno, Peter Koenigshof, Yong Il Lee, Florentin J-M.R. Maurrasse, Guillermo Meléndez Hevia, Christopher R.C. Paul, Francisco J. Rodríguez Tovar, Vivi Vajda, Xiao Qiao Wan

This international conference is organised under the auspices of:

IGCP Secretariat (UNESCO. IUGS)

Comisión Nacional de Geología (Spanish representative of the IUGS)

Collaborators

IGCP Secretariat,

Regional Government of Murcia,

Spanish Commission for Cooperation with UNESCO,

Geological Survey of Spain (IGME),

European Association for the Conservation of Geological Heritage (ProGEO),

IUCN Office for the Mediterranean (IUCN-Med),

Spanish Committee of IUCN (CEUICN),

Geological Society of Spain (Commission on Geological Heritage),

Spanish Mineralogical Society,

Spanish Paleontological Society,

Conjunto Paleontológico de Teruel-Dinópolis Foundation,

Consejería de Medio Ambiente, Junta de Andalucía,

Depto. de Educación, Cultura y Deporte, Regional Government of Aragon,

Comité Español de Investigación en Cambio Ambiental Global (CEICAG),

University of Granada,

University of Murcia

A preliminary programme

September 15th

- Pre-conference Field Trips (early in the morning)

- 19h – Registration and Welcome Party.

September 16th

- Morning – Registration. Scientific sessions. 12:30h Opening address.

- Afternoon – Scientific sessions.

September 17th

- Morning – Scientific sessions

- Afternoon – Scientific sessions. Open lecture: *Contingencias en la salida del hombre de África.*

September 18th – 19th, Post-Conference Field Trips.

Addresses & Keynotes

Opening Address: *UNESCO Earth Science programmes in the service of Sustainable Development* – by Robert Missotten, IGCP General Secretary

* *IGCP- challenges and visions for the future* – by Vivi Vajda, Chairperson of the IGCP Scientific Board

* *IUCN contribution to geoconservation: perspectives from the Mediterranean Office* – by Andrés Alcántara, IUCN-Med Spanish liaison Coordinator.

* *Advances on Geoconservation in Spain* – by Enrique Díaz, Chairman of the Geological Heritage Commission of the Geological Society of Spain, IGME

* *The rise of animals in the Neoproterozoic oceans: paleobiological and stratigraphic implications* – by Mikhail Fedonkin, Chairman of the IGCP Russian Committee

* *Abrupt climatic changes during the Pleistocene: the microfossil contribution to environmental reconstructions* – by José A. Flores, Professor of Palaeontology, University of Salamanca, Spain, Francisco J. Sierra

* *What are the reasons for a reduced cognition of IGCP and how can we overcome this problem?* – by Peter Koenigshof, Chairman of the IGCP German Committee

* *Paleoclimates in Asia during the Cretaceous, IGCP 507* – by Yong Il Lee, Leader of the IGCP project no. 507, South Korea

* *Oceanic Anoxic Event 2 (OAE2) in Cretaceous northeastern Mexico and the effects of paleophysiography on the sediment record* – by Florentin J-M.R. Maurrasse, Professor of Geology, Florida International University, USA, Fabian Duque-Botero, Alberto Blanco-Piñón

* *Sea-level change, biotic and human adaptations since the last 7,000 years in the NW Black Sea (Romanian shelf), IGCP 521* – by Mihaela C. Melinte-Dobrinescu, Chairperson of the Paleontological Society of Romania, Rădy Dimitriu, Andrei Briceag, Christian Micu

* *An ecological scenario for the first human dispersal out of Africa: inferences on the early Pleistocene large mammal communities from Western Europe* – by Paul Palmqvist, Professor of Paleontology, University of Málaga, Spain

* *European Geopark Network and the Spanish Geoparks* – by Milagros Pérez Villalba, Red Espacios Naturales Protegidos de Andalucía, Luis Alcalá, Pablo Rivas Palomo, Alicia Serna Barquero

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- * *Contingencias en la salida del hombre de África* – by Pascual Rivas, Professor of Paleontology at the University of Granada, Spain
- * *IGCP 555 - Rapid Environmental/Climate Change in the Cretaceous Greenhouse World* – by Michael Wagreich, Co-leader of the IGCP project no. 555, Vienna, Austria, Chengshan Wang, Robert W. Scott, Hugh Jenkyns, William Hay, Yuri D. Zakharov
- * *Cretaceous scientific deep drilling and lacustrine environmental change of the Songliao Basin, NE China* – by Xiao Qiao Wan, Professor, China University of Geosciences, Beijing, China, Dangpen Xi, Weimin Si
- * *Sea-level variability during warm intervals: the coastal record* – by Cari Zazo, Research Professor, Consejo Superior de Investigaciones Científicas, Madrid, Spain

Social Activities

- Wednesday 15th at
 - 19h Inauguration of the exposition “Fossils of the Murcia Region”, organized by the Murcia Paleontological Association. The exposition may be visited until Sunday 19th.
 - 20h: Welcome Party
- Thursday 16th in the late afternoon: Visit to the Vera Cruz Sanctuary in the Caravaca Castle.
- Friday 17th – Farewell Party (optional)

Field-trips

Pre-conference field trips on September 15th

- Geosites of Murcia Region (sites of geological interest recently proposed under the international program of IUGS and UNESCO), by Lorenzo Vilas, Consuelo Arias, Enrique Díaz, Cayetano Herrero and Emilio Herrero, is sponsored by the Jumilla Council.
 - Mining in the Cartagena-La Unión Ranges: A model for management of geological and mining heritage, by José I. Manteca.
- Fees include: lunch and transportation. Excursions will finish at Caravaca by 19h.

Post-conference field trips

- Cabo de Gata-Níjar Geopark, by Pablo Rivas Palomo, on September 18th, is sponsored by the Regional Government of Andalusia, please visit it:
[http:// www.europeangeoparks.org/issue/geopark/74,1,0.asp?mu=1&cmu=6&thID=0](http://www.europeangeoparks.org/issue/geopark/74,1,0.asp?mu=1&cmu=6&thID=0)
Fees include: lunch and transportation from Caravaca to Cabo de Gata, and return. Excursion will finish at Caravaca by 20h.
- Maestrazgo Cultural Park (Geopark), by Luis Alcalá and José Luis Simón, on September 18th – 19th, is sponsored by the Regional Government of Aragon, more information at the website <http://www.globalgeopark.org/publish/portal1/tab133/info296.htm>
Visit to the Maestrazgo Geopark involves overnight stay, and fees include: transportation from Caravaca to Teruel, visit to the geopark, meals and hotel costs. The field trip will end on Sunday 19, at 18:30h, in Teruel. It is possible to travel by bus to Valencia, on Sunday 19th evening (departing to 19h and arriving to Valencia at 21h) for delegates whose flights depart from Valencia airport in the early morning on Monday September 20.
On Monday 20th early morning, there is a direct bus from Teruel to Madrid, departing to 6:30h, and arriving to Madrid bus station at 10h (you will need to arrive to Madrid airport terminal about 2–3h before take-off, better contact your airline).

Registration fees

- * Conference Participants: 60 euro
- * Students recipients: 20 euro
- ** Accompanying guest: 10 euro
- Pre-conference field-trips, September 15th
 - Geosites of Murcia Region, 20 euro (lunch included), limited to 40 participants
 - Mining in the Cartagena-La Unión Ranges, 24 euro (lunch included), limited to 40 participant
- September 18th, Cabo de Gata-Campo de Níjar Geopark, 20 euro (lunch included), limited to 50 participants
- September 18th – 19th, Maestrazgo Cultural Park (Geopark),

This field-trip will end in Teruel on Sunday 19th at 18:30h

Number of participants is limited to 30

Fees are per person

Nights	Single room	Shared room
1 (18)	80 €	50 €
2 (18&19)	150 €	110 €

(*) These fees include costs of attendance at scientific sessions, social events, and meeting documents.

(**) These fees include the cost of attendance at the social events, only.

Payment may be made by bank transfer

- Dead-line for payment: June 8th, 2010

If you have trouble with bank transfer from abroad, please contact the conference convener at <marcos.lamolda@gmail.com>

Student Grant Awards

- Free registration awards are available for Graduate students, and young PhDs (no more than 35 years old) who have contribution(s) accepted for presentation at the meeting.

- A number of accommodation grants, in the Caravaca Youth Hostel, will be available for Graduate students, and young PhD's (no more than 35 years old) who have contribution(s) accepted for presentation at the meeting. These grants will be offered on a first come first serve basis.

Applicants have to provide documents of their position, and age (e.g., PDF file of their passport or identity card; letter of their supervisor or other appropriate proof) with their request of a grant award.

Letters of Invitation/Visa help

The organization may provide the necessary documentation to help in obtaining a visa, or requests for funding to appropriate bodies. The letter should be mailed once registration and abstract acceptance have been cleared.

Presentation of Abstracts

Font Times Roman, length maximum of two pages, DIN A-4, including line figures, following this model:

TITLE: FONT SIZE 12 AND BOLD - ALL CAPITALS

Authors full names: font size 11

Authors addresses: font size 9, full postal address and e-mail

Bodytext font size 10, aligned left, margins of 2.5 cm, line spacing 1.5

References: font size 9

Dead-line: April 30th, 2010

Abstract: text as .rtf or .doc files; figures as .pdf or .jpg files, 300 dpi, gray scale 8 bits

For Geoevents, and European Regional Meeting symposia, send full abstract to <marcos.lamolda@gmail.com>

For ProGEO symposium, send full abstract to "Guillermo Melendez" <gmelende@unizar.es>, and cc to <aalias@um.es>

Publication

A proposal with selected contributions should be submitted to publish a special issue in a peer review journal. Topics related to "*Geoevents: learning about global changes*" are eligible for such an issue. Manuscripts should have to be submitted by middle January 2011.

Accommodation

There are several hotels with reserved rooms for conference delegates. Prices range from 36 euro single room to 85 euro double room, breakfast included.

There are also reserved shared rooms, 8 beds/room, in the Caravaca Youth Hostel, 15.21 euro person/night, breakfast included.

Further information will be sent with fees payment form, and contribution acceptance, before the end of May 2010.

Important dates

- Deadline for Registration and Submission of Abstract: April 30th, 2010

- Payment of fees: June 8th, 2010

- 3rd and last Circular: end of July, 2010

Please, fill and return the registration form to the respective symposium contact.

* For Geoevents, and European Regional Meeting email: <marcos.lamolda@gmail.com>

* For ProGEO symposium, email: <aalias@um.es> or <gromero@um.es>, and cc to <marcos.lamolda@gmail.com>