1 Chairman and Secretary of the Spanish National Committee

Chairman:
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2 Members of the Spanish National Committee
Dr. Roger Urgeles Esclasans (reporter 640); Dr. Javier Lario (former 588); Dra. Jau-Chyn Liao Chen* (596), Dr. Silvio Castaño Castaño (replaced in mid-December by Juan Ignacio Santisteban) (618); Dr. Javier Hernández Molina (619); Dr. Pablo G. Silva (International Board); María del Mar Corral Lledó (Geological Survey of Spain) and Santiago Martín Alfageme (Geological Survey of Spain).
* Dra. Liao is the secretary of the Spanish Working Group that was leaded by the current President. The leader of IGCP-596 was appointed as President of the National Committee, consequently Dra. Liao acts as representative of the IGCP-596.

3 IGCP Projects with participation of Spanish Working Groups

3.1 Projects with Spanish project co-leader

IGCP-619: Contourites: geological record of ocean-driven paleoclimate, accomplice of submarine landslides and reservoir of marine geo-resources

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Website: http://www.contourites.org/

Abstract: In March 2102 the UNESCO IGCP-619 Project: “Contourites: processes & products” (Contourites: geological record of ocean-driven paleoclimate, accomplice of submarine landslides and reservoir of marine geo-resources) was accepted and funded (2012-2017). In this Project the institutions involved are the following: Heriot-Watt Univ. (U), Ghent Univ. (Belgium), Univ. Vigo (Spain), OGS (Italy), ICM-CSIC (Spain), LNEG (Portugal) & PETROBRAS (Brazil). Responsible researchers are: D.A.V. Stow, D. Van Rooij, F. J. Hernández-Molina, M. Rebesco; P. Puig, A. Voelker, A. Viana. The international leader is Dr. Dorrik A. V. Stow (Heriot-Watt University) and the Spanish national leader is Dr. Fº Javier Hernández-Molina (currently at Royal Holloway University of London, UK).

D. Van Rooij (Ghent Univ.) is the new coordinator of the UNESCO IGCP-619 Project. He submitted a report to the IGCP Board on the past and planned activities of IGCP 619, in absence of a formal report. He informed that the formal support from IGCP 619 has been withdrawn due to the non-
response of the previous coordinator, Dr. Dorrik A. V. Stow (Heriot-Watt University). Hereby, we wish to demonstrate that, even without having access to the funding, we have tried to pursue in the best possible way the objectives that have been laid out upon the original submission of the IGCP 619 proposal. IGCP Board will discuss our request during their next board meetings. In spite of this situation the Spanish Working Group has been actively participating in many actions and has contributed during 2015 with research meetings, publications in journals and congress.

Participant in the RCMNS interim colloquium “Mediterranean – Atlantic Gateways”, Rabat May, 2015. Rabat (Morocco)

Publications and contributions to congresses

I. International journal (SCI)


**Work submitted to SCI journals**

1. Mena, A., Cacho, I., Francés, G. & González-Álvarez, R. Multi-proxy SST reconstruction from the NW Iberian Margin during the last 60 ka BP: decoding the seasonal impact of the Heinrich Events. *Submitted to Paleoceanography*


**II. Book / Spanish journals**


III. Contributions to congresses


Meeting organisation

The next meeting were organized / coordinate during 2015 for different researches and institutions related to the IGCP-619 Project;

- RCMNS interim colloquium “Mediterranean – Atlantic Gateways (Neogene to present)”, 5-8 May, 2015. Rabat (Morocco), http://www.mediterraneanatlanticgateways.net/
- During 2015 a field trip in Cyprus was organised between the 4th and the 9th of December. Several contourite outcrops were visited and studied. A field trip to Morocco has been coordinating to visit some contourites outcrops.

IGCP Meetings Planned

- Course: “Criteria for identifying contourite deposits” during the 35th International geological Congress (IGC). Cape Town, South Africa (27 August – 4 September, 2016).

Ph.D./ Master research work as result of the SWG-IGCP 619:

Thesis (PhD)


Masters (MSc)

1. Juan Usó Canós. “Análisis del testigo sedimentario MW14-CG86B. Caracterización Paleoceanográfica y


Other actions

- During 2015 has being coordinating an Elsevier Virtual Special Issue (VSI) related to the IODP Expedition 339 with two different volumes (one in Global and Planetary Changes (GPC), one in Marine Geology (MG)) unified into one “Virtual Special Issue”.
  
  VOLUME 1. Global and Planetary Changes (GPC)
  
  Titled: PALEOCEANOGRAPHIC SIGNIFICANCE OF THE MEDITERRANEAN OUTFLOW WATER AND ITS GLOBAL IMPLICATIONS

  Invited editors: D. Hodell; D.A.V. Stow; F. J. Hernández-Molina & C.A. Alvarez-Zarikian

  VOLUME 2. Marine Geology (MG)

  Titled: STRATIGRAPHIC AND SEDIMENTARY SIGNIFICANCE OF THE MEDITERRANEAN OUTFLOW WATER AND ITS CONCEPTUAL IMPLICATIONS

  Invited editors: F. J. Hernández-Molina; D.A.V. Stow & C.A. Alvarez-Zarikian

3.2 Projects with active working groups.

IGCP-596 “Climatic change and biodiversity patterns in the Mid-Palaeozoic (Early Devonian to Late Carboniferous)

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Abstract: The activities of the Spanish Working Group (SWG) during 2015 have been mainly focussed on four aspects: 1) participation in the international IGCP-meeting; 2) presentation of results, both on professional meetings and in specialised papers; 3) organisation of the annual meeting in conjunction with the Spanish Palaeontological Society and 4) organising a field workshop in the Spanish Pyrenees for young international students.

Regarding to the first aspect, the SWG has attended the main IGCP-596 International meeting planned for this year in Brussels with six contributions. Besides, and giving the relevance for disseminating the results in specific International meetings, the STRATI 2015 in Graz (five contributions) and the GSA in Baltimore (two contributions) were attended.
As in past years, the SGW organised a Special Symposium within the frame of the XXXI Annual Meeting of the Spanish Palaeontological Society, six oral contributions and two posters were presented this year. At the same time, the annual business meeting of the SWG was held. This year the meeting took place in Baeza.

The SWG leader submitted an IGCP-596 closely related training proposal for a young student within the frame of the RISE-DAAD program that was found. As a consequence, a German student from the University of Bonn spent over two months in the University of Valencia. José Ignacio Valenzuela-Ríos and Jau-Chyn Liao (Secretary of the SWG) will supervised a Chinese student from University of Nanjing. Taking the opportunity of having two international students at the Department of Geology, a training course for young students in the Pyrenees was organised.

During this year four new members (all them related to paleobotanical studies) have joined the SWG. One is a Professor, another one a Post-doc student and two others Ph. D. students.

Partial support for attending and organising the different activities outlined above has been obtained from the Spanish IGCP National Committee, the Spanish Ministry of Economy and Competititvity (MINECO), Grant CGL2011-24775 and the German Academic Exchange Service (DAAD) trough the RISE-WELT Program.

Next year the SWG will organise a Special Symposium in connection to the XXXII Annual Meeting of the Spanish Paleontological Society that will take place in Molina de Aragón (Guadalajara province). Besides, it is the intention to participate, at least, in the Joint SDS-IGCP meeting to be held in Ghent (Belgium) and to attend the IGC in Cape Town.

Currently the SWG is composed of 29 members (14 females and 15 males; including 4 Post-docs; 5 Ph. D. students and 1 Master Student).
Participants in the XXXI Conference of the Spanish Paleontological Society, Baeza September 2015 where IGCP-596 special Symposium was held.

Publications and contributions to congresses
During this year the SWG has published six scientific papers, eight book chapters, 15 abstracts and co-organised a major Conference and symposium.

**Peer Review Papers**


Book-Chapters


Abstract and Proceedings


VALENZUELA-RÍOS, J. I. (2015): The Lochkovian (Lower Devonian) subdivision based on conodonts: from biozones to chronozones; past and future Berichte des Institutes für Erdwissenschaften der Karl-Franzens-Universität Graz/Austria, 21:379. ISSN: 1608-8166


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Collecting in the classical Nismes section (Givetian/Frasnian boundary), Ardennes (Belgium). Thick limestone bed corresponds approximately to the base of the Frasnian. September 2015

Joint fieldwork in the classical Sourd d’Ave section, in the Ardennes. Upper part of the Fromelennes Fm., “Calcaire de Givet” Group (last thick limestone bed to the right) and lower part of the “Frasnes” Group (sample bags). September, 2015
Meeting organisation

The Spanish Working Group (SWG) has organised a Special IGCP Symposium within the frame of the XXXI Spanish Palaeontological Meeting. Within the Symposium eight works were presented (see above) and they were published in the special book of the Meeting.

Name of organisers: José Ignacio Valenzuela-Ríos and Jau-Chyn Liao.

Date and location: Baeza, Spain, (8-9 October 2015). Spain.

Number of participants: over 100 participants of nine countries.

Funding: IGCP-National Spanish Committee; CGL2011-24775 Spanish Grant from MINECO.

Besides, the SWG held its annual business meeting and a commitment to organise a new symposium next year was fully supported by all participants. Consequently, the next year, the SWG will organise a special symposium within the XXXII Annual Meeting of the Spanish Paleontological Society to be held in Molina de Aragón. Contacts with main organisers have already started.

Ph. D. finished

This year, on the 27th of July, the member of the SWG, Pilar Clariana presented and defended her Ph. D. with the title “Estratigrafía, estructura y su relación con el metamorfismo de la Zona Axial pirenaica en la transversal del Noroeste de Andorra y comarca del Pallars Sobirá y el Alt Urgell (Lleida)” at the University of Oviedo


Vertical works in one key section (Baen) for establishing high-resolution biostratigraphy and analysing biodiversity patterns change in the Spanish Pyrenees, one of the main aims of the IGCP-596. June 2015.
Other IGCP-related activities


**Granted Projects related to the IGCP**


Partial support for attending and organising the different activities outlined above has been obtained by the Spanish IGCP National Committee, the International IGCP-596, and mainly by the Spanish Ministry for Economy and Competitiveness (MINECO), Grant CGL2011-24775.

**Planned activities for 2016**

Next year the SWG will organise a Special Symposium in connection with the XXXII Annual Meeting of the Spanish Paleontological Society that will take place in Molina de Aragón. Besides, it is the intention to participate, at least, in the 35th IGC in Cape Town and in the Joint SDS-IGCP 596 to be held Ghent.

**IGCP-618: Paleoclimate information obtained from past recharged groundwater**

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Website: [http://www.igme.es/ProPaleoTD/default.htm](http://www.igme.es/ProPaleoTD/default.htm)

Abstract: The Spanish Working Group of IGCP Project 618 “Paleoclimate information obtained from past recharged groundwater”, that joined the Project in late 2013, has continued previous research lines about climate and human influence on waters in the area of Las Tablas de Daimiel National Park. This environment is a particular place as surface and groundwater interactions determine the evolution of this Mediterranean wetland and its sediments record the evolution of changing water levels and qualities as response to climate change and human action. In addition, the abundant archaeological information and documentary sources allow to check the information about these sedimentary proxies and ask questions about human behaviour in response to water availability. Three main lines of research have been conducted: 1) Cross-checking of paleoenvironmental information extracted from sedimentary proxies with archaeological and documentary sources about human activity in Las Tablas de Daimiel National Park. This line is done in cooperation with the Museo Comarcal de Daimiel (Regional Museum of Daimiel). 2) Analysis of the palaeoclimatic reconstructions for central Iberian Peninsula against those obtained from the Las Tablas de Daimiel sedimentary record and comparison to other reconstructions in the Mediterranean domain. 3) Interpretation of the isotopic and ages of groundwaters with emphasis on mathematical modelling.
Finally, it’s worth to mention that the research team expend a noticeable amount of time in public outreach activities (lectures, radio, newspapers, etc.).

Water table recovery due to an extremely wet period between 2009-2013 allowing the Guadiana River underground waters feed again the National Park Tablas de Daimiel. This affected the environment that has been greatly altered by human activity during the last decades.

Publications and contributions to congresses


Mediterranean wetland. Comunicación oral presentada en el XIX INQUA Congress (Quaternary Perspectives on Climate Change, Natural Hazards and Civilization). Nagoya (Japan).


In review


Lectures


Geophysics and mechanical boreholes aiming at sedimentological studies decipher the subbasins geometry and the Quaternary Geological History of the Tablas de Daimiel and surroundings. This picture shows a drill next to a Bronze Age settlement in La Motilla de la Máquina.
Training activities
Rosa Mediavilla (Spanish Geological Survey) supervises the professional practices of the student Angela Patricia Poveda Corredor (Complutense University of Madrid) about collection of data and planning of a model for groundwater fluxes in Las Tablas de Daimiel National Park. This model will be used for the reconstruction of the surface and groundwaters during the middle and late Holocene after its calibration and validation against instrumental water levels and reconstructed palaeoclimatic series.

Forthcoming events
During 2016 members of the group are going to participate in:
24th Biennial Meeting of the American Quaternary Association. Section IV, Quaternary Geology & Geochemistry in the Anthropocene. Santa Fe, New Mexico, USA. June, 28th-July, 2nd.

Granted Projects related to the IGCP
"Holocene Paleo-climate and hydrological reconstruction on the Upper Guadiana Basin (Tablas de Daimiel), MINECO CGL2011-30302-C02-01"

Web
The MINECO CGL2011-30302-C02-01 project website (http://www.igme.es/ProPaleoTD/default.htm) is also used to give about the activities of the IGCP-618 Spanish Group, which is frequently updated.
IGCP-640: S4LIDE Significent of Modern and Ancient Submarine Slope Landslides

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Abstract: In 2015 a new IGCP proposal was launched and approved. It represents the continuation of IGCP-585 and the leader Dr. Urgeles has step down but actively contributed to the new proposal. Currently a small group of Spanish participants (6) are known to us, two of them Ph. D. students. Spain has participated in two important meetings this year, the 7th International Symposium on Submarine Mass Movements and their Consequences (New Zealand) and the AGU-Fall meeting (San Francisco) in the S4LIDE Session: Submarine Landslides and Their Consequences: A Multidisciplinary and Integrative Approach.

Publications and contributions to congresses


Forthcoming events


35th International Geological Congress (Cape Town, South Africa 27 August to 4 September, 2016) / S4SLIDE Session: Subaerial and submarine landslide processes and hazards.

Ph.D. connected to IGCP 640:

4. National Committee activities

The Spanish National Committee (SNC) annual business meeting took place in Madrid (Geological Survey of Spain) with Prof. J. I. Valenzuela as Chairman and Dr. Rosa Mediavilla as secretary. The Geological Survey provided the place and all facilities that were needed for the successful meeting; the headquarters building was offer to us for the meeting. Committee’s members and invited guests attended the meeting. The following Committee’s members-at-large: Santiago Martín Alfageme, Mª del Mar Corral Lledó, Juan I. Santisteban and Javier Lario attended the meeting. The President of the Spanish Commission of Geology and Director of the Geological Survey, Prof. Jorge Civis Llovera, The General IUGS Secretary, Prof. José Pedro Calvo Sorando, The President of the Spanish Paleontological Society, Prof. María José Comas Rengifo, Member-at-large of the Spanish Society of Mineralogy, Prof. Pilar Mata and Mónica Ruiz Bustos representing the AECID, Spanish Agency for International Cooperation and Development.

The Chairman pint-pointed again his disappointment with the way the International Committee is addressing the National Committees, specially after the recommendations and oral agreements reached in the IGCP 40th Anniversary Meeting held in 2012. In spite of the observed change in the intentions of the International Board in 2015 no practical effects on the relation between the International Board and the National Committees neither in any of the few agreements reached have been obtained.

The lack of transparency from the Board continues. The need of a close cooperation between the Board and the National Committees keeps as negligible as before. The Spanish National Committee offered cooperation to cope this long-standing problem.

The issue that only some groups only contact the SNC for support but afterwards they do not provide any information and/or even do not create the suggested Working Group, was treated again and the consequences of this kind of attitudes was one more time addressed and agreed on.

The Chairman has participated in the Spanish Conference of Deans of Geology and briefly outlined the IGCP. He proposed to visit each University in Spain with Geological studies to lecture on the Program. The idea was well accepted by the Deans.

The Chairman met with the Presidents of the Spanish Geological Society and the Spanish Palaeontological Society to foster cooperation between scientific societies and the IGCP. As a consequence, their scientific meetings are willing to organize special symposia on IGCP matters if enough works are presented.
The Chairman visited the Spanish General Secretary (Federico Palomera Gúez) and the Chairwoman for Programs and Scientific Cooperation (Mónica Ruiz Bustos) of the Spanish National Commission for Cooperation with UNESCO (AECID). He introduced himself to the UNESCO responsible, briefly outlined the program and explained the lack of Spanish programs for supporting the actions of the IGCP-Committee.

The SNC give support to the Chairman, Prof. J.I. Valenzuela for attending the 43rd Annual Session of the IGCP Scientific Board in Paris.

The Chairman paid a visit to the Spanish Permanent UNESCO delegate D. Jaime Rodriguez Ponga and explained the actions of the Committee during the past year.

The Chairman assisted to the constitutional meeting of the Geoparks Spanish Committee held in Madrid (AECID-Spanish Agency for International Cooperation and Development)

The Chairman of the SNC gave a supporting letter to the following project: “Magnetic susceptibility and cyclostratigraphy –improvement of Paleozoic time scales” presented by Anne-Christine da Silva.

The SNC also supported the Coordinator of the SWG-596 and one post-doc student to attend (with contributions) the Special Symposium of the IGCP-596 held in Baeza in connection with the Annual Meeting of the Spanish Paleontological Society and to organize the SWG-596 Annual Meeting.

This year a total of five working groups are active in Spain: 587, 596, 618, 619 and 640.

As a result of the activity the numerous papers and contributions to meetings aforementioned were published.

During 2015 we transferred the web page from University of Granada to the server in the Geological Survey of Spain. The Secretary of the SNC successfully accomplished this action and now the new link is operative but much previous information still needs to be uploaded: http://www.igme.es/CNG/subcomisiones/PICG.htm

The SNC “turned” 40 years old in 2015. On occasion of this “Event” we have started with the organization of a special meeting. As the intended new IGGC program was clear to us, we will organize the 40th Anniversary in one of the Spanish Geoparks, Sierras Subbéticas. Contacts have been made in 2015 and the meeting will take place in April 15th and 16th. First day will be devoted to Plenary Conferences and presentations and the second day to a Fieldtrip in the Geopark. A special volume will be published in one of the Geological Survey of Spain Series.

5. IGCP Meetings held during the year in Spain

• Annual Meeting of the Spanish National Committee, December 17th, Madrid (Geological Survey of Spain)
• Annual Meeting of the Spanish Working Group-IGCP 596 and Special Symposium with 8 contributions 7th-10th October, Baeza.

6. IGCP meetings planned for the next year (2016)

• Annual Meeting of the Spanish National Committee.
• IGCP Special meeting on the ocassion of 40th Anniversary of the Spanish National Committee in the Geopark Sierras Subbéticas (April 15th-16th). Actually the 40th anniversary happened last year, but celebrations (including edition of an special book) will take part this year.
• IGCP Special Symposium in Molina de Aragón (September)
7. Forthcoming events in connection with IGCPs

- 24th Biennial Meeting of the American Quaternary Association. Section IV, Quaternary Geology & Geochemistry in the Anthropocene. Santa Fe, New Mexico, USA. June, 28th-July, 2nd.
- 35th International Geological Congress (Cape Town, South Africa 27 August to 4 September, 2016).
- IX Spanish Geological Congress. September 2016, Huelva (Spain)
- XXXII Meeting of the Spanish Paleontological Society, September 2016, Molina de Aragón, Spain.

8. Suggestions relating to conduct and improvement of the Program.

In spite of the good intentions of the Board, it seems that, for some reasons that are not clear to us, the International Board did not pay any attention to the feed-back that National Committees provided each year and this is a serious limitation for improving communication and hampers the confidence of the National Committees on the International Board.

The President of the Spanish National Committee acknowledges the “good feeling” and intentions regarding further cooperation of the Board with the National Committees. However, it is estrange that again no information on the new projects, their founding, current status, numerical reference, title, web page, coordinators,... was provided. This lack of transparency and effective communication of the Board is a major handicap towards an active cooperation and fluid transference of ideas and information that is needed in improving the program.

By surveying the web page of the Program, the President of the Spanish National Committee became aware of that some projects could be of interest to potential Spanish participants, and in some projects Spanish scientists were involved. After contacting some of them, the President realized that they didn’t know the existence of a National Committee, neither the need (and possibility) of forming a National Working Group.

A suggestion to improve this situation has already been proposed and it is easy to apply and survey. By approving a new project, the Board should inform the leaders the need to contact and inform the respective National Committees of the countries involved in the project. At the same time, the leaders should inform potential participants to contact their respective National Committees. At the end of the year, these actions shall form part of the evaluation list and the (economic) renewal support be affected in case these simple actions have not been followed.

After contacting with some previous participants in IGCP projects, even former leaders, we realized that many workers don’t see the need of creating a National Working Group that form
part of the National Committee, and they think there is no need to create such working groups. Obviously, National Working Groups are an important part of the National Committees and therefore, I suggest that International Board and National Committees shall work together in promoting the constitution of such groups.

It is inconceivable that Spanish Co-Leaders of IGCP projects do not contact the National Committee, or even worse, when the Spanish National Committee learns about them and contact them, they never reply. We have denounced this aspect to the Board, and even suggested that those projects (not only in Spain but worldwide) that do not report to the respective national committees shall not be granted, or the funding be fined, the following year. As you can imagine, this greatly affect the annual reports that continuously will be incomplete. Therefore, the IGCP is funding and supporting actions that are out of control because the responsible do not care to report them to the National Committees.

An additional problem is the lack of control (which is impossible, of course) on the information provided by the different IGCP-projects web pages. Recently, I learn about a long list of Spanish participants in an IGCP project. The National Committee never was informed of such huge amount of participants, nobody contacted the National Committee to inform or report on this project, and the last by no least surprising fact is that people who is listed as participant never was contacted neither informed of his/her wish (first) or enrollment in such project. We have to find ways of dealing with effective communication and transference of ideas and proposals between National Committees and International Board. The lack of such adequate National Committee-International Board correspondence creates a feeling of desperation and frustration that does not benefit the needed cooperation. We hope that the International Board acknowledges this situation and seeks for a joint solution. I want to remember here the Spanish National Committee loyalty to the Program; the National Committee has always supported the IGCP by participating, sending reports and making comments for improving collaboration and we will continue this way.

I want also comment on the role of the National UNESCO Delegations and the apparent lack of real interest in the Program. I’m not convince they believe or understand that IGCP is in connection with the aims and goals of UNESCO, or at best, we have not been able to explain these officials our contribution to improve the world and serve the society (as our motto states). I think, this is another aspect National Committees and International Board shall address soon and I, personally, offer my time and energy to make progress in this matter.

I have the impression that some UNESCO Delegations and National Agencies for Cooperation with UNESCO see IGCP-National Committees only as “one mark more in the check list of Committees for the annual reports”, but they don’t care much about the particularities of this Program and, consequently, they don’t see the need of effectively supporting the program neither the demand of exploring new ways of opening a special funding program to which National Committees can apply and submit proposals. This is another issue that National Committees and International Board can work together for improving the visibility of the program and augmenting financial sources.

As a last suggestion, I believe that having a special session with enough time for National Committees to exchange ideas, experiences, intentions and difficulties will help to strength relations between committees and foster further inter-committees cooperation.

9. Financial support received for the activities of this National Committee and given to IGCP projects and their activities.

The Geological Survey of Spain partly supported the activities of the Spanish National Committee (2,314 €). The supported activities were:
• Participation of the President of the Spanish National Committee in the annual meeting of the IGCP Scientific Board, Paris, February 25th-26st, 2015.

• Trips of the President to pay visits to authorities and Scientific representatives outlined above in point 4: Visit to the Spanish National Commission for Cooperation with UNESCO (AECID), participation in the Spanish Conference of Deans of Geology, visit to the President of the Spanish Geological Society, participation in the constitutional meeting of the Geoparks Spanish Committee.

• Annual Meeting of the IGCP Spanish Committee, held at Madrid (Spanish Geological Survey) December 17th 2015. Eleven persons attended the meeting.

• Participation of a Spanish Committee representative and a post-doc student in the IGCP-596 Symposium, in the XXXI Annual Meeting of the Spanish Paleontological Society, Baeza, 7-10 October, 2015.

• The University of Valencia (Dpto. de Geología) provided general services that allowed to the Chairman of the Committee to carry out their duties appropriately.

Other financial sources that supported activities related to the Spanish Working Groups were:


They supported the following activities:

• Participation of the National President and Spanish Leader of the SWG-IGCP-596 in the International Commission on Stratigraphy, Strati2015 Meeting, Graz (Austria); July 2015.

• Participation of the National President and Spanish Secretary of the SWG-IGCP-596 in the International Meeting in Brussels (Belgium), September 2015.

• Participation of the National President and Spanish Leader of the SWG-IGCP-596 in the 127 Annual Meeting of the Geological Society of America, Baltimore (Maryland) October, 2015.

• Fieldtrip training for international students in the Devonian of the Spanish Pyrenees.

The Chinese Academy of Sciences (Nanjing Institute of Geology and Palaeontology) supported the training at University of Valencia (Spain) of one Chinese Ph. D. Student from October 2015.

The DAAD WELT-RISE programm supported the training at University of Valencia (Spain) of one German Graduate Student for two months (September and October)

Funding to support activities related to the IGCP-618 was also obtained from the Spanish Grant: "Holocene Paleo-climate and hydrological reconstruction on the Upper Guadiana (Tablas de Daimiel), MINECO CGL2011-30302-C02-01"

Valencia, February 19th, 2016

José Ignacio Valenzuela Ríos
President, Spanish National Committee, IGCP