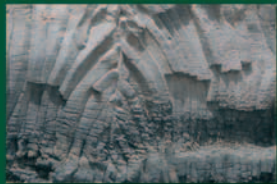


# IV International Symposium ProGEO on the Conservation of the Geological Heritage

13 - 16 September 2005

Braga - Portugal



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## INVITATION

The Organising Committee, on behalf of the Earth Sciences Centre of the University of Minho (UM) and the European Association for the Conservation of the Geological Heritage (ProGEO), has the pleasure in inviting all professionals and students related with Nature Conservation to participate in the scientific and social programme of the **IV International Symposium ProGEO on the Conservation of the Geological Heritage**. The Symposium will take place in Braga on September 13-16, 2005, and will be celebrated at the University of Minho (Portugal).

The main aims of this Symposium are:

- To discuss recent developments and methodologies in geoconservation strategies;
- To present successful examples of geoconservation practice that can be cloned in other countries;
- To discuss legal framework to support geoconservation at European and International levels;
- To establish links between European and non-European geoconservation specialists.

## HOST CITY AND UNIVERSITY

Braga is one of the oldest Christian towns in Portugal. Since well before the 12th century has been an important political and cultural centre in the Iberian Peninsula. Currently the city of Braga has about 140 000 inhabitants. The city of Braga is the centre of an extremely industrialised region, which is mainly based on SMEs. Commerce, trade and services relating to hotel and catering have a predominant role in Braga. The best option to travel to Braga is by air using the Oporto International Airport, located about 40 km south of

the city (30-40 minutes car ride). In case of choosing the Lisbon International Airport, comfortable trains are available linking Lisbon to Braga in about 3 hours and 30 minutes.

The University of Minho is a public university founded in 1973. It is known as one of the “New Universities”, which revolutionised higher education in Portugal. Located in the northern region of Minho, famous for its flourishing economic activity and young population, the University of Minho has played a vital role in the development of the region. The courses lectured at the University are strongly orientated towards the professional world, and work closely with potential employers from business and industry in order to guarantee that its students develop the skills necessary for their future professional life. The University of Minho is one of the largest universities in Portugal, with over 16,000 students, nearly 1,100 lecturers, and almost 600 administrative staff members. The University is organized in Schools and Institutes namely: Schools of Sciences, Engineering, Social Sciences, Health Sciences, Law, Economics and Management and Institutes of Child Studies, Education and Psychology, and Human Sciences.

## **THEMES**

All contributions should be integrated in one of the following themes:

- Methodologies to characterise geological heritage: inventory, hierarchy, ...;
- Management of geological heritage (geoparks, geotourism, ...);
- Integrating geoconservation in Nature Conservation policies;
- Geoconservation and Education for Sustainable Development (UN decade: 2005-2014);

- National experiences in the implementation of the Recommendation Rec(2004)3 of the Council of Europe;
- Portuguese frameworks of international relevance.

Off-topic contributions may be submitted with the proposal of a new theme.

## **HONORARY COMMITTEE**

Titular or representatives of the following institutions:

- Ministry for Science, Innovation and Higher Education
- Ministry for Environment and Territorial Planning
- Rector of the University of Minho
- UNESCO World Heritage Centre
- International Union of Geological Sciences
- IUCN-The World Conservation Union
- European Federation of Geologists
- Nature Conservation Institute, Portugal
- National Institute of Engineering, Technology and Innovation, Portugal
- Portuguese Geologists Association
- National Association of Portuguese Municipalities

## SCIENTIFIC COMMITTEE

- *Chairmen*

Francesco Zarlenga (*President of ProGEO, Italy*)

Graciete Dias (*Director of the Earth Sciences Centre, UM, Portugal*)

- *Members*

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Andrei Lapo (*Russia*)

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Daniel Baretino Fraile (*Spain*)

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Emmanuel Reynard (*Switzerland*)

Félix Pérez Lorente (*Spain*)

Gunnel Ransed (*Sweden*)

Hülya İnaner (*Turkey*)

Ibrahim Komoo (*Malaysia*)

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Murray Gray (*United Kingdom*)

Radoslav Nakov (*Bulgaria*)

Patrick McKeever (*Ireland*)

Todor Todorov (*Bulgaria*)

William Wimbledon (*United Kingdom*)

Zhao Xun (*China*)

Zofia Alexandrowicz (*Poland*)

## ORGANISING COMMITTEE

- *Chairman*

José Brilha (Earth Sciences Centre-UM and ProGEO-Portugal)

- *Members*

Diamantino Pereira (Earth Sciences Centre-UM, Portugal)

Maria Isabel C. Alves (Earth Sciences Centre-UM, Portugal)

Mário Cachão (ProGEO-Portugal)

Miguel Ramalho (ProGEO-Portugal)

Paulo Pereira (Earth Sciences Centre-UM, Portugal)

Renato Henriques (Earth Sciences Centre-UM, Portugal)

William Wimbledon (ProGEO, United Kingdom)

## GENERAL PROGRAMME

The Symposium will comprise plenary lectures, scientific sessions with oral presentations and posters, and field trips. The social programme will include a welcome party and a symposium dinner, as well as cultural excursions. English will be the official language of the Symposium.

The Registration Desk will open on September 12, from 17:00h - 20:00h. It will be open until September 16, 9:00h - 18:00h.

	Sep 12, Monday	Sep 13, Tuesday	Sep 14, Wednesday	Sep 15, Thursday	Sep 16, Friday
Morning	-	Opening Ceremony	Scientific sessions and plenary lecture	Scientific sessions and plenary lecture	Scientific sessions
Afternoon	Arrival from pre-symposium field trip Opening of the registration desk	Plenary lecture Scientific sessions	Scientific sessions	Scientific sessions	Closing ceremony Departure to post-symposium field trips
Night	Welcome party	Visit to Braga old-town	Symposium dinner	-	-

## REGISTRATION

The registration forms for the Symposium comprises two parts: (i) Registration and accommodation (form A) and (ii) Grant request (form B). These forms are available for download on the Symposium website. Please ask for these forms if you want to receive them by e-mail. The forms are PDF files and must be fulfilled using Acrobat Reader<sup>®</sup> 6 (or superior). These forms are also available in this 2<sup>nd</sup> Circular but should only be used if participants have no possibility to use PDF files. The use of electronic forms is highly recommendable.



**Registration fees (Euros)**

	<b>Until May 20, 2005 (v)</b>	<b>Until June 30, 2005</b>	<b>After June 30, 2005</b>
<b>Regular registration</b>	200	250	300
<b>ProGEO members (i)</b>	150	200	250
<b>Student registration (ii)</b>	100	125	150
<b>Accompanying member (iii)</b>	100	125	150
<b>Symposium dinner</b>	20	20	25
<b>Field trip A (iv)</b>	350 (single room) 300 (double room)	400 (single room) 350 (double room)	Closed
<b>Field trips B and C (iv)</b>	300 (single room) 250 (double room)	350 (single room) 300 (double room)	
<b>Field trip D (iv)</b>	1200 (single room) 1050 (double room)	1300 (single room) 1150 (double room)	

Notes:

**(i)** ProGEO member registration:

The reduced fee will be applied to ProGEO members with the 2005 membership paid at the moment of registration (based on ProGEO Treasurer certification).

**(ii) Student registration:**

The reduced fee will be applied to students under 25 years old and to researchers working full time for an advanced degree (e.g. M.Sc., Ph.D.) at the time of registration. Those wishing to register at the student fee must attach to the registration form a photocopy of their current student card or a copy of another ID document to prove the age and the student status. A certification letter signed by the research supervisor will be also accepted.

**(iii) Accompanying member:**

Children under 15 years old pay 50% of the accompanying member fee.

**(iv) Field trips:**

The fee includes all travels, accommodation, meals during the field trip, and the guidebook. Please read field trip details on pages 17-20.

**(v) Deadline for the registration fee of presenting authors.**

Regular, ProGEO member, and student registration includes: participation in all the sessions of the conference programme; volume of abstracts; welcome party; lunches (September 13, 14, 15, and 16); visit to Braga old-town.

Accompanying member registration includes: welcome party; lunches (September 13, 14, 15, and 16); visit to Braga and Guimarães old towns. If justified, a special social program may be proposed for children registered as accompanying members.

## ACCOMMODATION

All arrangements for accommodation are under the responsibility of the Symposium Official Travel Agency (Mundiclasse). Check the Symposium website for hotel details.

<b>Hotel Turismo ****</b> Double room: 79.00 € Single room: 55.50 €	<b>Hotel do Templo ****</b> Double room: 93.00 € Single room: 77.00 €	<b>Hotel do Elevador ****</b> Double room: 93.00 € Single room: 77.00 €	<b>Hotel do Parque ****</b> Double room: 93.00 € Single room: 77.00 €
<b>Hotel Carandá ***</b> Double room: 44.00 € Single room: 36.00 €	<b>Hotel Lamações ***</b> Double room: 44.00 € Single room: 39.00 €	<b>Albergaria Quinta de Infias ****</b> Double room: 89.00 € Single room: 71.00 €	<b>Albergaria Sra-A-Branca ****</b> Double room: 54.00 € Single room: 36.50 €

Accommodation bookings will be handled strictly in order of arrival. There are a limited number of rooms available. The Official Travel Agency should always be informed of any changes about the bookings.

### Accommodation booking conditions:

For reservations until August 15, 2005 a deposit of 25% of the total amount must be paid at reservation time. The total amount must be paid until August 30, 2005.

For reservations after August 15 the total amount must be paid at reservation time.

### Accommodation cancellations:

Before 30 days prior to accommodation date there are no penalisations with cancellation.

From 30 to 15 days prior to accommodation date any cancellation will be penalised with 50% of the total amount.

From 14 days until accommodation date, any cancellation will be penalised with 100% of the total amount.

## **METHODS OF PAYMENT**

All payments related with the IV International Symposium must be made to the Official Travel Agency (Mundiclasse). The remitter's name should be the same as the participant's name. If the name is different, please inform Mundiclasse. Mundiclasse will send a written confirmation to all the registered participants.

Registration fees, accommodation and field trip fees must be paid in Euros (€) in one of the following ways:

### **1) Bank Transfer**

National bank transfers: NIB 003.508.230.000.785.233.045

International bank transfers: IBAN: PT50003508230000785233045 SWIFT: CGDIPTPL

Name of the Bank: Caixa Geral de Depósitos

Please note that all handling charges must be paid by the remitter. A copy of the bank transfer must be sent to Mundiclasse (by mail or fax). Unless you send a copy of your bank transfer, we will not be able to process your registration.

### **2) Credit Card**

Please print, fill out, and send the Credit Card form (page 3 of the registration form A) by mail or fax. Payments with Credit Card have a 10 euros surcharge.

## **AIR TICKETS**

TAP Air Portugal is the Official Carrier for the Symposium. On-line bookings will offer 10% discount in economy class and 20% discount in business class. Please click on the Symposium web site for further information.

## **IMMIGRATION, VISA REQUIREMENTS AND INSURANCE**

All persons coming to Portugal as delegates to the Symposium will be considered as “visitors”. At the Portuguese port of entry you are required to provide proper identification and visitor visas, as necessary, and outline the nature of their visit to Portugal. Visitors should check with their local travel agent, or the Portuguese Consulate or Embassy closest to them, to obtain advice on the proper identification and documentation required to enter Portugal. Participants from most countries should note that they are not covered by the Portuguese Health Service. Visitors should arrange for health and travel insurance prior to departure.

## **GRANTS**

The Organising Committee will try to help participants, mainly from less-favoured countries, to attend the Symposium by partially subsidizing their expenses. Please, understand that the grants will be a discount from the registration fee and in some cases an aid for accommodation and travel expenses. The amount of subsidy will depend on the applicant's place of residence. Priority will be given to ProGEO members and students presenting abstracts.

To apply for a grant, the grant form (form B) must be returned to the Organising Committee before March 15, 2005, together with the abstract submission. In addition to the form, young applicants should arrange with his/her supervisor to send a letter to the Organising Committee including the supervisor's assessment of: 1) the applicant's qualifications, 2) how the applicant's attendance at the Symposium will benefit his/her home institution, 3) an evaluation of the applicant's financial needs and the possibilities for support by home institution or country, as well as the supervisor's qualifications.

The Organising Committee will select as many grantees as financial conditions allow from among the applicants. The Committee will notify all applicants of the results before May 20, 2005. In all cases, the decision of the Committee will be final.

## **ABSTRACTS**

Abstracts must be sent no later than March 15, 2005. Abstracts received after this deadline will be returned. Authors should indicate the theme to which they are applying and whether they prefer oral or poster presentation. The Scientific Committee will take the final decision. Abstracts will be accepted or rejected by the Scientific Committee on the basis of scientific merit and compliance with the instructions given below.

The Organising Committee will notify the corresponding author whether or not their abstract is accepted for presentation at the Symposium. They will also be informed about the type of presentation (oral or poster) and about the session and day of presentation. This information will be provided with the Third Circular (expected for July, 2005). Please note that only those who have paid the registration fee until May 20, 2005 can present the accepted abstract.

All accepted abstracts would be published in an Abstracts Volume that will be delivered to the participants at the Registration Desk.

### **Guidelines for abstracts**

Style abstracts should be brief, clear and written in English using “Arial” font type, with correct spelling and good sentence structure. Mathematical symbols and equations must be typed in, and metric symbols should be used. Abstracts must only include title, authors and respective addresses, keywords (maximum 5) and text. The text must have a maximum of 2500 characters including spaces. Figures, photographs, tables, and references must not be included.

### **FULL-TEXTS**

Authors whose abstract have been accepted may submit a full-text version. For those who wish to submit full-text contributions the deadline is June 30, 2005. Full-text contributions will constitute a publication that will become available after the Symposium. The type of publication will be decided later on according to the number of accepted contributions and available budget. All manuscripts will be accepted or rejected by the Scientific Committee on the basis of scientific merit and compliance with the instructions given below.

### **Guidelines for full-texts**

Full-texts are normally from 4000 to 6000 words but shorter texts are also acceptable. They must be written in English. Authors whose native language is not English are strongly urged to have their manuscript reviewed before submission by a person whose native language is English. Full-texts should be submitted preferably in a standard word processing system format, such as Microsoft Word<sup>®</sup>, or in RTF format. E-mail transfer, as an attachment, is strongly encouraged whenever facilities are available. Details of the file name, software and hardware (PC compatible or Mac) used should be written in the message body. Hard copies can be send to the Organising Committee using a CD-ROM Disk.

An abstract of no more than 200 words must be included. Acknowledgements may be included in a brief statement at the end of the article. Metric units should be used and all non-standard symbols, abbreviations

and acronyms must be declined. References cited should follow the style shown below. These examples include a serial publication, a map, an abstract, a report of a meeting, and a textbook.

Handin, J. W., and Griggs, David, 1951, Predicted fabric changes, pt. 2 of Deformation of Yule Marble: Geological Society of America Bulletin, v. 62, no. 8, pp. 863 - 866.

Harrison, J. E., Griggs, A. B., and Wall, J.D., 1986, Geologic and structure maps of the Wallace 1-degree x 2-degree quadrangle, Montana and Idaho: U. S. Geological Survey Miscellaneous Investigations Series Map I-1509-A, scale 1:25.000.

Street, R. L., and Herriman, R.B., 1974, Earthquake mechanics in southeast Missouri and adjacent areas (abs): Geological Society of America Abstracts with Programs, v. 6, no. 3, pp. 312 - 313.

Thayer, T. P., 1960, Some critical differences between Alpine-type and stratiform peridotite-gabbro complexes: 21st International Geological Congress, Copenhagen, 1960, Report, pt. 13, pp. 247 - 259.

Thompson, J.B., Jr., Norton, S.A., 1968, Paleozoic regional metamorphism in New England and adjacent areas, in Zen, E-an, White, W.S., Hadley, J. B., and Thompson, J.B., eds, Studies of Appalachian Geology, northern and maritime: New York, Interscience Publishers, pp. 319 - 337.

Illustrations may include photographs, line drawings or tables incorporating graphics. All illustration files should be send in digital form, preferably in Tiff format with at least 300 dpi resolution. Colour illustrations may be used. Nevertheless, the use of colour in the final publication will be decided later. Tables with text only and without graphics may be placed by the author within the text of the article.



### **Abstracts and full-texts submission**

Abstracts and full-texts may be submitted by e-mail or mail. The Organising Committee will send an e-mail message to the corresponding author confirming the well receiving of each contribution.

#### *E-mail submissions*

E-mail submission is highly recommended. Abstracts may be sent as Microsoft Word<sup>®</sup> or RTF attached documents to the e-mail: progeo2005@dct.uminho.pt. Send only one abstract in each e-mail message. When submitting your abstract via e-mail, type "ProGEO2005 ABSTRACT" as the subject of the message. Please be aware that large files ( $\geq 2\text{Mb}$ ) may cause problems to be e-mailed. Indicate in the text of the message:

- Title of the abstract or full-text;
- Authors;
- Theme to which the authors would like to apply;
- Preferred type of presentation (oral or poster);
- Mail address, e-mail address, and fax number of corresponding author.

#### *Mail submissions*

Contributions may be posted to the Organising Committee (see Contacts for complete address) both in paper and digital form (CD-ROM) indicating the same data requested above.

### **TYPE OF PRESENTATION**

Each lecture room will be equipped with a computer, one multimedia projector, one overhead projector and one slide projector. The computer is equipped with PowerPoint<sup>®</sup> Software. Special software eventually needed for presentations is under strictly responsibility of each participant. Slides should be prepared for

regular slide trays. Slide trays will be available at the Registration Desk. Special needs should be requested to the Organising Committee by the end of August 2005.

Adequate space will be available for posters presentation. The area of the panels for each poster is 1.50 m in height and 1 m in width.

## **FIELD TRIPS**

Four field trips are proposed to participants: one pre-symposium (field trip A) and three post-symposium (field trips B, C, and D). Field trips are scientifically based on some of the Portuguese frameworks with international relevance. Field trip bookings will be handled strictly in order of arrival because there are a limited number of places for each field trip. The fees of field trips include transportation, full board accommodation and guidebook (please note, no insurance). The deadline for field trips registration and fees payment is June 30, 2005. If the number of participants for a certain field trip is below the established minimum, the field trip will be cancelled and the paid fee will be returned to each participant.

The cost announced in the next pages is available until May 20, 2005. Please refer to page 8 for final cost after this date.

<b>Field trip A:</b> The Meso-Cenozoic of Algarve (Southern Portugal). A raw geo-heritage diamond incrustated in a tourist vocationed region.
<b>Leader:</b> Mário Cachão (Geology Dept., University of Lisbon; mcachao@fc.ul.pt)
<b>Associate leader:</b> Pedro Terrinha
<b>Departure:</b> September 8, 15:00h, Lisbon Airport
<b>Arrival:</b> September 12, 13:00h, Lisbon Railway ( <i>Oriente</i> ) Station
<p><b>Main interests</b></p> <p>The Algarve province registers a unique sequence of tectonic and magmatic structures together with sedimentary formations ranging from Mesozoic Thetian marine units, with punctuated interconnectivity with the Boreal realm, to Upper Cenozoic rich fossiliferous units outcropping along several miles of beautiful coastal scenery, distally located relative to the main Betic orogeny.</p> <p>Several examples with potential for geoconservation and geological heritage development of this tourist vocationed region will be presented and discussed among the participants.</p> <p>The field trip includes visits to the peralkaline Late Cretaceous intrusion of Monchique and their springs, the National Park of Ria Formosa namely their barrier island chain and the Upper Miocene classic outcrop of Cacula, the condensed Middle Oxfordian rich <i>Zoophycus</i> and ammonite sections of Mareta and Belixe, the Oura sea cliffs and the intra-Miocene hiatus leading to the development of part of present day observed karst structures. Other geological aspects include the Miocene-Lower Cretaceous unconformity at Porto de Mós, the salt diapiric structure of Loulé and the Quaternary tuffs of Asseca.</p>
<b>Cost:</b> 350 € (single room); 300 € (double room)
<b>Obs:</b> <i>The arrival hour at Lisbon will allow participants to catch an appropriate train to Braga (the train ticket is not included in the field trip cost).</i>

<b>Field trip B:</b> Geology as background for a top-class geological and cultural heritage in the Douro region (Northern Portugal)
<b>Leader:</b> Diamantino Pereira (Earth Sciences Dept., University of Minho, insuad@dct.uminho.pt)
<b>Associate leaders:</b> Graciete Dias, Helena Couto, Isabel Alves, Narciso Ferreira, Paulo Pereira, Paulo Castro
<b>Departure:</b> September 16, 14:00h, Braga (University of Minho)
<b>Arrival:</b> September 18, 19:00h, Oporto (City Centre)
<p><b>Main interests</b></p> <p>This field trip will show how the geology of Douro River area constitutes the background for a top-class geological and cultural heritage. This is the famous region where climatic and geological special conditions allow the growth of Port Wine vineyards.</p> <p>The field trip will start with a visit in the Valongo Paleozoic Park. This Park is a good example of a joint geoconservation effort between the Valongo Municipality and the University of Oporto. The field trip will also illustrate some of the geoconservation work under development in the International Douro Natural Park, giving a special attention to the landscape evolution.</p> <p>Finally, participants will be invited to visit two sites related with specific geological settings and inscribed as cultural heritage in the World Heritage List (UNESCO): the Alto Douro Wine Region and the Prehistoric Rock-Art Sites in the Côa Valley. The visit to the Alto Douro Wine Region will include a boat trip along the Douro River showing how a long tradition of viticulture has produced a cultural landscape of outstanding beauty. The Prehistoric Rock-Art Sites in the Côa Valley is an exceptional concentration of rock carvings from the Upper Palaeolithic (22,000–10,000 B.C.) and constitutes the most outstanding example of early human artistic activity in this form anywhere in the world.</p>
<b>Cost:</b> 300 € (single room); 250 € (double room)
<b>Obs:</b> Arrangements may be implemented if participants wish to be transported to Oporto Airport or to Braga.

<b>Field trip C:</b> Jurassic Heritage and Geoconservation in Portugal
<b>Leader:</b> Maria Helena Henriques (Earth Sciences Dept., Univ. of Coimbra, hhenriq@dct.uc.pt) <b>Associate leaders:</b> Ana Azeredo, Luis Duarte, Miguel Ramalho
<b>Departure:</b> September 16, 14:00h, Braga (University of Minho) <b>Arrival:</b> September 18, 23:00h, Coimbra (City Centre)
<b>Main interests</b> The field trip starts at Serras de Aire e Candeeiros Natural Park, which has been created mainly because of its significant karstic landforms, developed in Jurassic limestones and dolostones. Besides geomorphological aspects, other relevant geological values (mainly sedimentological and paleontological) will be shown: the Pedreira do Galinha Natural Monument, which exhibits one of the largest Middle Jurassic dinosaur tracksite known in the world; and the Peniche section, cropping out along the Atlantic cliffs and representing the most significant succession of Lower Jurassic series of Portugal, confirmed by the recent proposal for the GSSP of the Toarcian Stage by the International Commission on Stratigraphy. The second day includes the presentation of several and diversified Jurassic Heritage Values cropping out along the Atlantic coastline: stratigraphical, sedimentological and paleontological values in the Upper Jurassic record around Nazaré village; and the Cap Mondego section (Middle and Upper Jurassic), where the first Jurassic GSSP (Bajocian stage boundary) has been established. The field trip finishes in a small museum at Cantanhede village - the Stone Museum - dedicated to a special carbonate lithofacies (the Ançã limestone; Early Bajocian), a particular limestone type with relevant social and cultural interest, namely due to its intense use in baroque temples during the 17th century.
<b>Cost:</b> 300 € (single room); 250 € (double room)
<b>Obs:</b> <i>The dinner and overnight on September 18 are included in the cost.</i>

<b>Field trip D:</b> The volcanoes of Azores Islands: a world-class heritage
<b>Leader:</b> José Madeira (Geology Dept., University of Lisbon; e-mail: <a href="mailto:jmadeira@fc.ul.pt">jmadeira@fc.ul.pt</a> )
<b>Departure:</b> September 16, 14:00h, Braga (University of Minho) <b>Arrival:</b> September 20, 20:00h, Oporto Airport
<p><b>Main interests</b></p> <p>The Azores archipelago, composed of 9 volcanic islands, is located near the Mid Atlantic Ridge. Two of the islands (Flores and Corvo) lie on the American plate, while the remaining seven (Graciosa, Terceira, S. Jorge, Faial, Pico, S. Miguel and Santa Maria) stand on the Eurasia-Africa plate boundary, East of the Ridge. This geodynamic setting is responsible for frequent volcanic and seismic events that sculpt the Azorean landscape.</p> <p>The field trip includes the visit to Terceira, Faial and Pico islands, which present different geologic characteristics despite a common background. Active volcanoes erupted in historic times (since early 15th century) on all three islands. Volcanic features such as calderas, scoria and cinder cones, lava domes, fumarolic fields, volcanic caves, lava flows, and piroclastic deposits will be observed. Other geologic aspects include impressive active tectonic structures (fault scarps a few metres to hundreds of metres high) some of them related to historic earthquakes.</p> <p>Geological sites classified as Regional Natural Monuments are also included in the visit (Algar do Carvão cave and Furnas do Enxofre fumaroles). Historical and socio-cultural aspects will also be addressed, including visits to the city of Angra do Heroísmo, in Terceira, and to the Pico Vineyards Protected Landscape, both inscribed in the WHL (UNESCO).</p>
<b>Cost:</b> 1200 € (single room); 1050 € (double room)
<b>Obs:</b> <i>The cost includes all air travels between Oporto-Azores-Oporto (with stops in Lisbon) and also between Azores islands.</i>

## CONTACTS

IV International Symposium ProGEO Organising Committee  
Centro de Ciências da Terra, Universidade do Minho  
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4710-057 Braga, Portugal  
E-mail: [progeo2005@dct.uminho.pt](mailto:progeo2005@dct.uminho.pt)  
Telephone: +351 253 604 300; Fax: +351 253 678 206  
Website: <http://www.dct.uminho.pt/cct/progeo2005/>

For accommodation details and payment, please contact the Official Travel Agency:  
Mundiclasse Viagens  
Campus de Gualtar  
4710-057 Braga, Portugal  
E-mail: [uminho@mundiclasse.pt](mailto:uminho@mundiclasse.pt)  
Telephone: +351 253 603 322 or +351 253 603 320; Fax: +351 253 603 330

## Important dates:

### March 15, 2005

- Abstracts submission
- Grants submission

### April 30, 2005

- Decision about abstracts acceptance

### May 20, 2005

- Payment of the registration fee for the presenting author
- Payment of the registration fee (reduced cost)
- Payment of field trips fee (reduced cost)

### June 30, 2005

- Payment of registration fee (normal cost)
- Payment of field trips fee
- Full-texts submission (only for authors who want to submit a full-text version)

### July, 2005

- Distribution of the 3rd Circular

## Contacts:

E-mail: [progeo2005@dct.uminho.pt](mailto:progeo2005@dct.uminho.pt)

Web: <http://www.dct.uminho.pt/cct/progeo2005/>

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Mail address: Centro de Ciências da Terra, Universidade do Minho, Campus de Gualtar, 4710-057 Braga, Portugal

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