

## IGCP ANNUAL REPORT 2014

### ANNUAL REPORT OF THE PORTUGUESE NATIONAL COMMITTEE

Members of the Portuguese National Committee  
[http://www.igcp.org.pt/IGCP\\_Pt/Inicio.html](http://www.igcp.org.pt/IGCP_Pt/Inicio.html) during 2014

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## IGCP PROJECTS WITH PORTUGUESE CO-LEADERSHIP OR PARTICIPATION

During the year 2014 Portuguese geoscientists were co-leaders of 1 project and participated in 10 projects.

The project **IGCP-619** “Contourites: processes & products” is co-lead by **Antje Voelker** (Division for Climate and Climate Change, Geophysics and Atmosphere, Instituto Português do Mar e da Atmosfera (IPMA), Unidade Geologia Marinha, LNEG; Estrada da Portela; Zambujal - 2610-143 Amadora – Portugal) - <http://contourites.org/igcp/>

Projects with participants from Portugal include: 574, 580, 588, 591, 597, 598 (SIDA), 601 (SIDA), 619 and 628. The information concerning these participants can be accessed on the website

<http://www.unesco.org/new/en/natural-sciences/environment/earth-sciences/international-geoscience-programme/igcp-projects/>

## ACTIVITIES OF THE NATIONAL COMMITTEE

### Meetings and events:

- Participation in the 42<sup>nd</sup> session of the Coordination Council of the IGCP Committee of UNESCO, UNESCO Headquarters, Paris (February);

-Co-organization of the official launch of the *International Year of Crystallography* in Portugal, in partnership with the Portuguese National Commission for UNESCO and the University of Trás-os-Montes e Alto Douro and with the support of UNESCO (Division of Basic Sciences), University of Trás-os-Montes e Alto Douro, Portugal (12<sup>th</sup> March), which included the: (<http://www.unesco.org/new/index.php?id=120833>)

[http://www.utad.pt/vPT/Area2/agenda/PublishingImages/cristalografia\\_cartaz.jpg](http://www.utad.pt/vPT/Area2/agenda/PublishingImages/cristalografia_cartaz.jpg)

- Official Tribute to the Portuguese Crystallographers Prof. Dr. Maria Ondina Figueiredo and to Prof. Dr. José Lima-de-Faria for their outstanding research and dedication to the development of Crystallography in Portugal and also at a international level, in the framework of the *International Year of Crystallography*;
- Official Launch of the Itinerary Exhibition “Crystallography and the Basic Sciences”, in partnership with the Portuguese NatCom and the Portuguese National Committee of Mathematics of Planet Earth;
- Translation into Portuguese of the UNESCO Brochure “Crystallography Matters!” and its dissemination during the ceremony;  
[http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/SC/pdf/IYCr2014\\_brochure Portugal.PDF](http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/SC/pdf/IYCr2014_brochure_Portugal.PDF)

Other initiatives related with the *International Year of Crystallography* in Portugal:

- Co-organization of the Field Trip “Minerais e Cristais nas rochas do Trilho Geológico de Beja”, Municipality of Beja, Portugal, 10<sup>th</sup> – 12<sup>th</sup> of April; [http://www.ineg.pt/download/8088/CartazAICTrilhoGeol%F3gicoBEJA\\_abril2014.pdf](http://www.ineg.pt/download/8088/CartazAICTrilhoGeol%F3gicoBEJA_abril2014.pdf)
- Participation and institutional support to the official launch of the Monument dedicated to the *International Year of Crystallography*, organized by the Municipality of Castro Verde, 24<sup>th</sup> of October;
- Coordination of the AIC/IGCP Exhibition at the Lousal Mine Ciência Viva Centre, 10<sup>th</sup> - 23<sup>rd</sup> October;

-Participation in the Seminar “Geotourism, Climate Change and Health Co-benefits”, organized by Geopark Terras de Cavaleiros and University of Trás-os-Montes e Alto Douro, April;

-Co-organization of the cycle Conferences about “Alliance between Science and Culture – World Heritage, Biosphere Reserves and Geoparks”:

- 22<sup>nd</sup> of April – Earth Day: “University of Coimbra World Heritage Site: alliance between Science and Culture”; in partnership with the Portuguese NatCom and the University of Coimbra; Field trip organized by the Portuguese National Committee for IGCP;
- 25<sup>th</sup> -26<sup>th</sup> June – “Alto Douro Vinhateiro World Heritage Site: alliance between Science and Culture”; in partnership with the Portuguese NatCom and the University of Trás-os-Montes e Alto Douro; Field trip organized by the Portuguese National Committee for IGCP in partnership with the University of Trás-os-Montes e Alto Douro”;
- <http://www.patrimoniocultural.pt/pt/agenda/meetings-and-conferences/seminario-patrimonio-mundial-da-unesco-alto-douro-vinhateiro-alianca-entre-ciencia-e-cultura/>
- Support to the Conference – “Paisagem da Cultura da Vinha do Pico World Heritage Site: alliance between Science and Culture”, Pico Island, Azores, 11<sup>th</sup> July;

-Organization of several events in the framework of the *Geologist Day* – 30<sup>th</sup> May; Highlight to the event co-organized with Centro Ciência Viva de Estremoz; <http://estremoz.cienciaviva.pt/actividades/dia-do-geologo.asp>

- Participation in the 3<sup>rd</sup> and 4<sup>th</sup> Meeting of the Working Group about the Programme *UNESCO Global Geoparks*, UNESCO Headquarters, Paris;

- Institutional support to the International Meeting on Marine Research, organized by Escola Superior de Turismo e Tecnologia do Mar, Peniche, 10<sup>th</sup>-11<sup>th</sup> July;

<http://www.immr.ipleiria.pt/themes/sponsors/>

-Institutional support and participation in the National Congress of Geology, organized by University of Porto, 18<sup>th</sup>-24<sup>th</sup> July; Presentation of the Poster entitled “The Portuguese National Committee for IGCP: Geosciences at the service of Society”;

-Participation in the launch event of the official stamps about the International Year of Crystallography, during the National Congress of Geology, University of Porto, 18<sup>th</sup> July;

<https://pt-br.facebook.com/AICr2014PT/posts/877714765590076>

- Participation in the 6<sup>th</sup> Global Geoparks Conference, Global Geopark Stonehammer, Canada (19<sup>th</sup>-22<sup>nd</sup> September);

-Institutional support to the International Workshop “Geoparks located in volcanic regions: strategies of Sustainable Development”, organized by Azores Global Geopark, 29<sup>th</sup> October – 1<sup>st</sup> of November;

<http://www.europeangeoparks.org/?p=3569>

- Institutional support to the International Seminar “Douro in Cambridge”, University of Cambridge, United Kingdom, 8<sup>th</sup> November;

-Participation in the Conference “International Year of Crystallography”, organized by UNESCO Club of Porto City, 15<sup>th</sup> of November;

### **Portuguese-Brazilian Cooperation**

- Participation in award ceremony regarding the 1<sup>st</sup> edition of the Educational Program “GEA - Mother Earth” which had involved 75000 students and 2500 teachers belonging to the territory of Araripe Global Geopark. Promotion of the 2<sup>nd</sup> edition of the school competition "Water that unites us – It's the soil that sustains life!", 2014/2015, in the framework of the *International Year of Soils* (2015), with the support of the Government of Ceará State, the Regional University of Cariri and Araripe Global Geopark (November);

- Meeting between the Brazilian and Portuguese National Committees for the International Geosciences Programme of UNESCO (Luso-Brazilian cooperation project), with the aim to continue joint activities such as the Educational Program “GEA – Mother Earth” and discussion of the criteria to establish an International Award for Woman Geoscientist in the Portuguese Community of Portuguese Speaking Countries.

## Cooperation between the Portuguese National Committee for IGCP and the Portuguese and Cape Verde NatCom of UNESCO

In the framework of the International Year of Crystallography, the Portuguese Committee for IGCP shared the Itinerary Exhibition “Crystallography and the Basic Sciences” with the Cape Verde NatCom, sponsored by UNESCO (Division of Basic Sciences). It has also established a cooperation regarding the development of the Educational Program “GEA – Mother Earth”, with the launch of the School Contest “Water that unites us – It’s the soil that sustains Life!” 2014/2015, in the framework of the International Year of Soils. It is also being planned for 2015, a training course for teachers, in Cape Verde, integrated in the Educational Program “GEA – Mother Earth”.

### Exhibitions

- Coordination of the Itinerary Exhibition of the Portuguese Geoparks. During 2014, this exhibition has been in several territories of the Portuguese Geoparks (Terras de Cavaleiros, Arouca and Azores);
- Coordination of national itinerant exhibitions: "Once upon a time Earth..."; "Chemistry between Us" and “Crystallography and Basic Sciences”;
- Official support to the itinerant exhibition “Journey to Paleozoic”.
- The itinerant exhibition "The Pejão rainforest from 300 million years ago," which was present in the UTAD Geology Museum, from April 2<sup>nd</sup> to October 1<sup>st</sup>, 2014, and the Interpretation Centre of Culture Castelo de Paiva since October 31<sup>st</sup>, 2014.  
[http://museudegeologia.utad.pt/vPT/Area2/Eventos/Paginas/exposicao\\_temporaria\\_pejoes.aspx?lst=1](http://museudegeologia.utad.pt/vPT/Area2/Eventos/Paginas/exposicao_temporaria_pejoes.aspx?lst=1)

### Educational, training courses and capacity building activities

- Participation in the jury of the school contests "Water that unites us - Desertification" and "Chemistry between us", 2013/2014;
- Participation in the ceremony of awards regarding the school competition "*Water that unites us*", in the framework of the Educational Program “GEA - Earth Mother”, promoted by the Portuguese National Committee for IGCP, in partnership with the Portuguese NatCom and the Portuguese Geoparks including the Municipality of Torres Vedras;

- Organization of three Training Courses entitled "GEA – Mother Earth: Information in Context", in partnership with the Portuguese NatCom and with the support of the *Portuguese School Libraries Network* and Bayer Portugal. It was organized for teachers, educators, librarians and municipality staff. This training course took place in Arouca Global Geopark, Municipality of Valongo and Municipality of Castro Verde;

- Along 2014, promotion of the objectives of the *International Year of Crystallography* and the objectives of the *United Nations Decade of Education for Sustainable Development* with the promotion of several activities (conferences, workshops, exhibitions) and institutional support to events promoted by other national entities;

### Scientific activities

- Portuguese version of the UNESCO brochure "Crystallography Matters!";
- Participation, as observer, in the assessment of the application of "*Terras de Cavaleiros Aspiring Geopark*" by GGN Experts;
- Scientific article "From Planet Earth to society: a new dynamic in Portugal concerning geoscience education and outreach activities", published by the Geological Society, London, Special Publications, Lyell Collection.

### Outreach activities

- News release about the *International Year of Crystallography* in the newspaper "O Açoriano Oriental";
- Press releases about the Earth Day (22<sup>nd</sup> of April); Geologist Day (30<sup>th</sup> May), the World Science Day (10<sup>th</sup> of November) and about the *International Year of Soils* (5<sup>th</sup> of December).

15/01/2015