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GEOfood: a tasty experience in UNESCO Geoparks, now in Brazil  
Science and Knowledge Meeting in Castelo Branco  
Portuguese Geoparks Meeting for Climate Action

...and more!

# **CRUZIANA**

**GEOPARK NATURTEJO - GEOPARQUE MUNDIAL DA UNESCO - E-Magazine**



# MONTHLY ACTIVITIES

**December 4th - II Symposium on Sustainability and Environmental Technology in Minas Gerais.** The Professional Master in Sustainability and Environmental Technology of the Federal Institute of Minas Gerais, Bambuí campus (Brazil) promoted between December 2nd and 4th the II Symposium on Sustainability and Environmental Technology. This event, entirely in online format, was dedicated to the theme "Techniques and technologies for the promotion of sustainability", including the social, economic and environmental aspects. Besides numerous lectures, the webinar "GEOfood: a tasty experience in UNESCO Geoparks ", was organized under the project of Serra da Canastra Geopark. The aim of the initiative was to bring together local actors, mainly from the food sector, to present the geopark project and to make known some practices developed in other geoparks. It was attended by representatives of the UNESCO Global Geoparks Magma (Norway) and Naturtejo and also by the Aspiring Caminhos dos Cânions do Sul Geopark (Brazil). Joana Rodrigues presented the Geoproducts development strategy and the implementation of GEOfood in Naturtejo Geopark. The webinar included a discussion session with local producers where they discussed the difficulties felt in their activity and the opportunities that the Geopark project may provide, namely in the certification of products from Serra da Canastra.

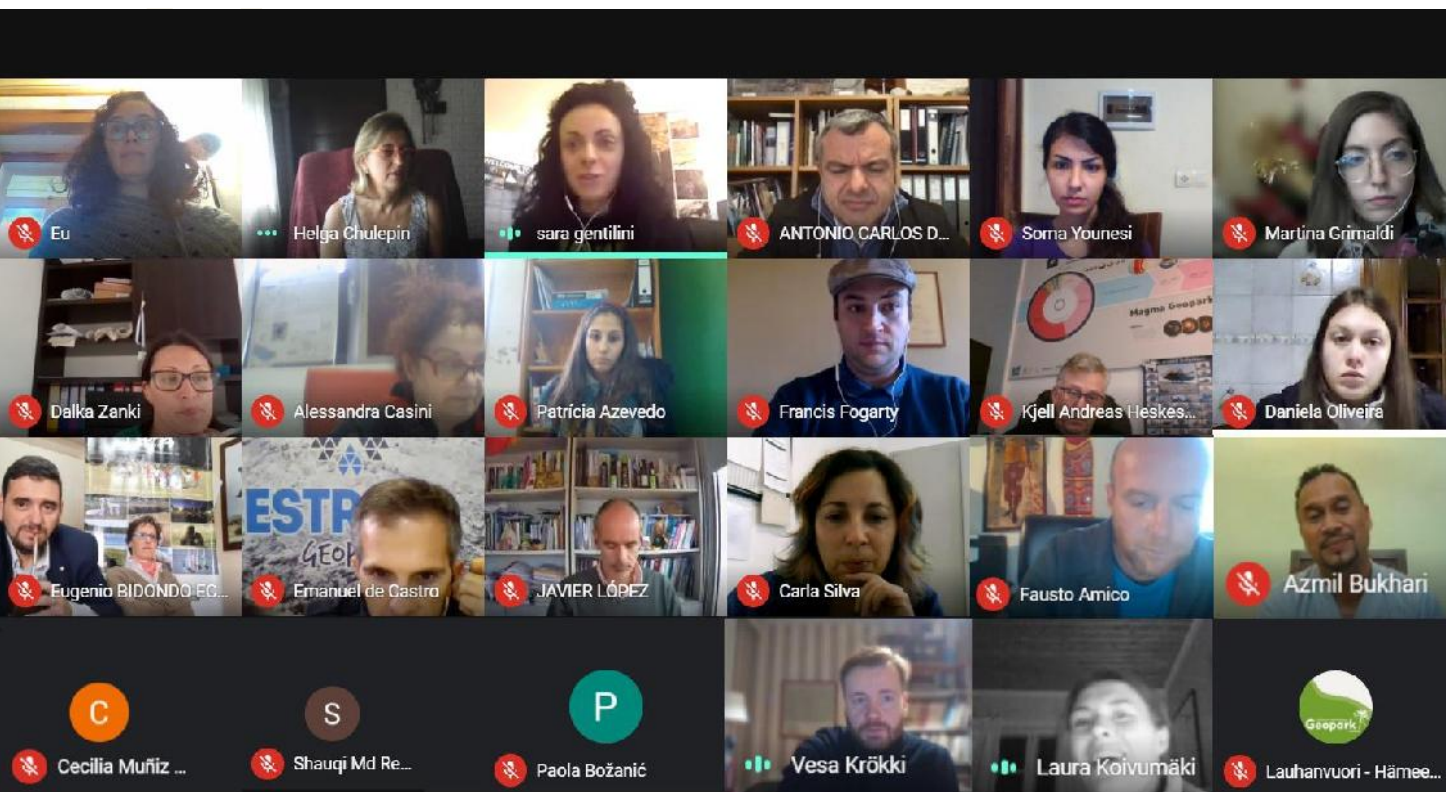
**December 9th - Portuguese Geoparks Meeting for Climate Action.** UNESCO Geoparks and geopark projects in Portugal have come together to define a biennium of Climate Action for 2021/22. The entire technical team of the Natural Sciences area of Naturtejo Geopark was present by videoconference to implement a supporting document for the project. "The United Nations, in the framework of the 2030 Sustainable Development Goals, proposes Climate Action (SDG 13) as one of the objectives, identifying three main targets:

- Strengthening resilience and adaptability to climate-related risks and natural disasters;
- Integrate climate change mitigation and adaptation measures into national policies, strategies and planning;
- Improving education, raising awareness and human and institutional capacity on mitigation of negative impacts of climate change, adaptation, impact reduction, and early warning of climate change.

UNESCO Global Geoparks are territories with the potential to become references for the study of climate and climate changes and for the definition of strategies to reduce their impacts:

- Changes in ecosystems and biodiversity;
- The increase in extreme weather events;
- Increased risk of forest fires;
- Changes in river regimes and groundwater quality;
- Abandonment and depopulation of territory.

Thus, in a framework of rapid climate change and accelerated changes in land use and occupation, increased by unbalanced regional and national socio-economic dynamics, the "Biennium for Climate Change in Portuguese Geoparks" project aims, within the remit of UNESCO Global Geoparks, to incorporate measures and implement sustainable territorial development strategies in order to minimise the problems and challenges identified in the different territories. Therefore, the project will contribute to identify the main problems associated with climate change, enhancing the application of good adaptation and mitigation practices in territories classified as UNESCO Global Geoparks, or aspiring to this designation, contributing to the fulfilment of SDG 13", as stated in the final document "Biennium for Climate Action in Portuguese Geoparks (2021-2022) coordinated by Estrela Geopark.



Detalhes da reunião ^



Apresentar

**December 10th - GEOfood partners meeting.** For the second time this year, UNESCO Global Geoparks, partners of the international GEOfood brand, met to take stock of the implementation of the brand in the various territories.

Sara Gentilini of Magma Geopark, and brand coordinator, presented a review of activities and new common communication tools. Technical aspects related to the use of the logo, membership criteria and its operationalization were discussed.

The meeting, in workshop format, included presentations on the development of GEOfood in each of the 16 territories: Naturtejo, Arouca, Azores, Terras de Cavaleiros, Estrela (Portugal), Villuercas-Ibores-Jara (Spain), Tuscan Mining, Sesia Val Grande, Rocca di Cerere (Italy), Vis Archipelago (Croatia), Magma (Norway), Rokua, Lauhanvuori - Hämeen kangas (Finland), Langkawi (Malaysia), Grutas del Palacio (Uruguay) and Qeshm Island (Iran). GEOfood is currently in 16 Geoparks, from 9 countries, spread over 3 continents, with a total of 48 restaurants and 59 producers!

Naturtejo Geopark presented a status report of adherents in the territory and the plan of compatibility between GEOfood and Naturtejo Geopark's products. The 5 Portuguese Geoparks, all members of the brand, also presented the joint strategy developed for GEOfood in Portugal, with the support of Tourism of Portugal.

**December 16th - Science and Knowledge Meeting .** The Living Science Club of Amato Lusitano School in Castelo Branco organized the 6th Science and Knowledge Meeting. This year in videoconference format, the Club invited a group of Portuguese researchers to talk about current issues for the Society. Carlos Neto de Carvalho was the local guest to talk about the scientific work he coordinated for the implementation of Barrocal Park, the new nature space in the city of Castelo Branco.

**December 22nd - Conference on the participation of ENGO in the Management of Protected Areas .** The Portuguese Confederation of Environmental Protection Associations organised a webinar on the experience of ENGO in the Pilot Project for the Collaborative Management of the International Tejo Natural Park. At a time when the Co-management Commissions of the National Network of Protected Areas are being set up, governing bodies enshrined in the new management model established by DL 116/2019 of August 21st which includes a representative of the ENGO, it is important to know what the experience of the ENGO in the International Tejo Natural Park Co-management Pilot Project has been. This pilot project served as the operational basis for a new management model, collaborative, applicable to all the protected areas of the national network under the supervision of the ICNF. In addition to these governing bodies, the previous strategic councils of the protected areas are still advisory bodies. Carlos Neto de Carvalho was invited to participate in this webinar.

# IMPACT OF GEOPARK IN MEDIA



## TV & Radio

December 13th (SIC Notícias) – Barrocal Park wins international prize

## Newspapers & www

December 9th (viagens.sapo.pt) – This is the place in Portugal, with waterfalls and dream footbridges, that you really need to know

December 12th (Fugas) - Here is Barrocal, the history of a park returned to the city

December 15th (@RivieraGeopark) - Geopark of the Day is Naturtejo da Meseta Meridional UNESCO Global Geopark in Portugal



Esta é uma atividade do Município de Idanha-a-Nova, em colaboração com o AE José Silvestre Ribeiro, que tem desenvolvido ATL's presenciais, durante as interrupções letivas. Considerando a situação atual de distanciamento social, partilharemos diariamente atividades online. Esta ação faz parte do Plano Integrado e Inovador de Combate Contra o Insucesso Escolar, promovido pela CIMBB e financiado pelo Centro 2020, Portugal 2020 e Fundo Social Europeu. Cont.: 277200570 | educacao@cm-idanhaova.pt

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**December 23rd, 29th and 30th - Interactive Naturtejo Geopark leisure activities and games on the Academy Explore & Learn site.** As part of the Innovative Integrated Plan to Combat School Failure, the Academy Explore and Learn | Idanha-a-Nova took place between December 21st and 30th. This Plan is promoted by the Intermunicipal Community of Beira Baixa and financed by Centro 2020, Portugal 2020 and the European Social Fund. This is an activity of the Municipality of Idanha-a-Nova in collaboration with José Silvestre Ribeiro Schools Group, which has developed leisure activities in person during school breaks. Nowadays, in the context of a pandemic, this Academy occurs entirely in a virtual way, publishing daily proposals of activities through its Blog: <https://explorareaprenderidn.blogspot.com>. These activities are aimed at primary school pupils. For this year edition of the Christmas Academy 2020, the Educational Service of Naturtejo Geopark / Municipality of Idanha-a-Nova has been asked to send some proposals for activities on various topics. Thus, on the 23rd was shared the "Memory Game: Native Plants of Naturtejo Geopark ", on the 29th the "Waste Prevention Game", on the 30th the "Memory Game: Cheer the Goals! - 17 Objectives of Sustainable Development 2030". In these three days the links to access the interactive Naturtejo Geopark Games (<https://www.naturtejo.com/jogos/>) and the leisure activities to learn more about Naturtejo Geopark, available on the website.

**December 28th - Training course for Naturtejo Geopark guides.** A field training course for Naturtejo Geopark guides, dedicated to the Fossils Trail in Penha Garcia, took place. Tourist resources were explored, namely visiting sites, tourist infrastructures, activities and events, routes and technical information about the routes and points of interest. The heritage values were also addressed, with emphasis on geological and geocultural heritage.

# SCIENTIFIC CONTRIBUTIONS FOR THE GEOPARK AND THE GEOSCIENCES



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- NETO DE CARVALHO, C., MUÑIZ, F., BELAÚSTEGUI, Z., BELO, J., GÓMEZ, P., TOSCANO, A., CACHÃO, M., CUNHA, P.P., RUIZ, F., CÁCERES, L.M., RODRÍGUEZ-VIDAL, J., FINLAYSON, G., FINLAYSON, S., GUZMÁN, F.G. & FINLAYSON, C. - Paleoecological implications of large-sized wild boar tracks recorded during the Last Interglacial (MIS 5) at Huelva (SW Spain). *Palaios*, 35(12). <https://doi.org/10.2110/palo.2020.058>.

- NETO DE CARVALHO, C. - Os Geomonumentos do Geopark Naturtejo Mundial da UNESCO. *Açafa Online*, 13, 1-24.

- NETO DE CARVALHO, C. - Geodiversidade e outros elementos identitários na heráldica autárquica do território do Geopark Naturtejo Mundial da UNESCO. *Açafa Online*, 13, 25-37.

- RODRIGUES, J., NETO DE CARVALHO, C., RAMOS, M., RAMOS, R., VINAGRE, A. & VINAGRE, H. - Geoproducts – Innovative development strategies in UNESCO Geoparks: Concept, implementation methodology, and case studies from Naturtejo Global Geopark, Portugal. *International Journal of Geoheritage and Parks*. <https://doi.org/10.1016/j.ijgeop.2020.12.003>.

## PROMOTION FOR THE GENERAL PUBLIC



- Prazeres, I. & Ribeiro, V. - Castelo Branco. Câmara Municipal de Castelo Branco (livro infantil). Versão bilingue (português e inglês)



### Visit Naturtejo Geopark in:



[www.geoparknaturtejo.com](http://www.geoparknaturtejo.com)



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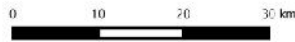
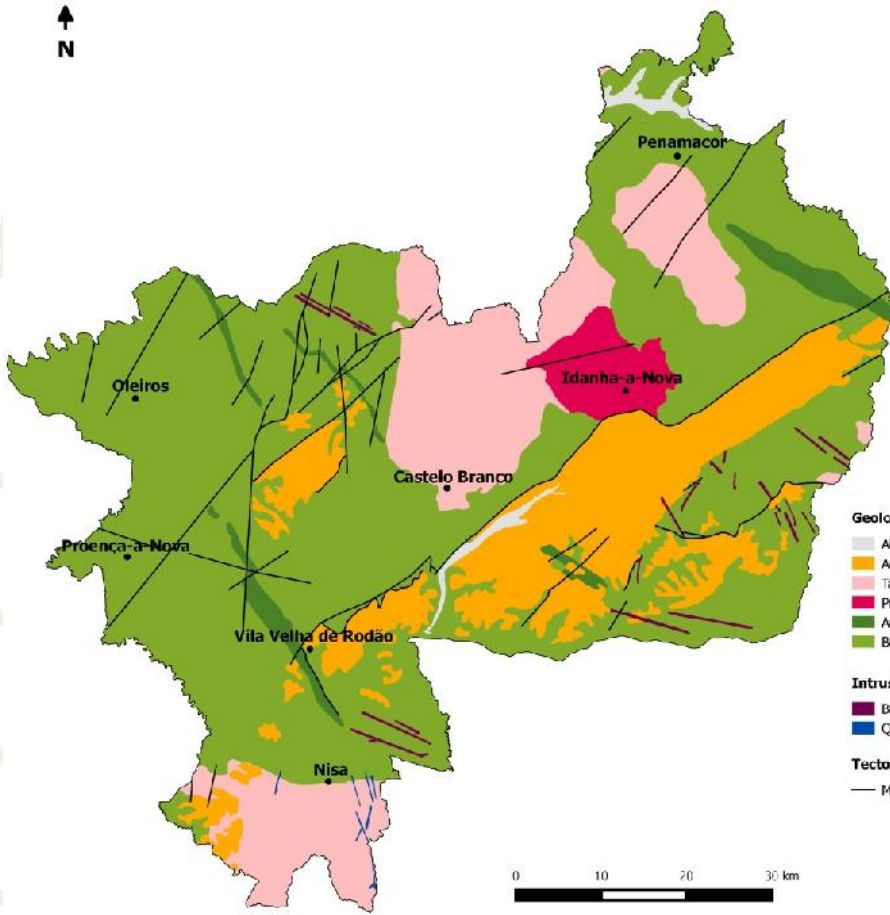
[www.youtube.com/geoparknaturtejo](https://www.youtube.com/geoparknaturtejo)



[issuu.com/geoparknaturtejo](https://issuu.com/geoparknaturtejo)



[www.slideshare.net/geoparknaturtejomesetameridional](https://www.slideshare.net/geoparknaturtejomesetameridional)



## Geoparks: Geology with human face







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