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under UNESCO
...and more!

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NATURTEJO UNESCO GLOBAL GEOPARK - E-MAGAZINE



MONTHLY ACTIVITIES

November 27th to 30th - Research work in Naturtejo Geopark by a young geoscientist awarded at the XI National Meeting of Young Researchers in Geosciences. The XI Meeting of Young Researchers in Geosciences is organized by the Living Science Centre of Estremoz and this year took place in the countryside, on the Algarve coast of Aljezur. Crispim Lourenço was born in this town and is currently student of the Faculty of Sciences of the University of Lisboa doing his master's degree in Naturtejo Geopark territory, and was awarded with the António Ribeiro Award for the best research work presented at this congress. "U-Pb zircon geochronology from metasedimentary and igneous rocks in Penha Garcia-Salvaterra do Extremo sector" was presented as the result of the collaboration between Naturtejo Geopark and GEOBIOTECH Research Centre of Nova Faculty of Sciences and Technology of Lisbon. This work demonstrates the very significant contribution of a new generation of geoscientists working in Naturtejo Geopark.



3rd Palaeontological Virtual Congress

1st-15th December, 2021

December 1st to 15th - Participation in the 3rd Paleontological Virtual Congress. The most important virtual congress of palaeontology had Portuguese participation. The new footprints of crocodylomorphs (and there are hundreds!) found in the Lower Cretaceous of the cliffs of Areia do Mastro (Cabo Espichel, south of Lisboa) were presented by the project coordinator, Silvério Figueiredo, collaborator of Naturtejo Geopark. His research team includes the geologist Pedro Proença e Cunha and Carlos Neto de Carvalho.

December 2nd - 2nd Bolivian Meeting "Natural Heritage and Environment". The II Bolivian Meeting of Universities on Cultural and Natural Heritage, organized by the Habitat Research Institute, in Sucre, Bolivia, had the patronage of UNESCO. Carlos Neto de Carvalho was among the invited specialists, which also included researchers from Uruguay, Argentina and Bolivia. The scientific coordinator of Naturtejo Geopark spoke about the role of UNESCO Global Geoparks for promoting the Geological Heritage and the sustainable development of the local communities.



December 2nd and 10th – Educational Program at Barrocal Park. About 50 students and teachers of the 10th grade of Biology and Geology and Pharmacy Assistant Professional Course from Castelo Branco schools attended the Educational Program at Barrocal Park. This project developed with Naturtejo Geopark aimed to integrate the Barrocal Park in the curricular programs administered in the local schools. The geologist Carlos Neto de Carvalho was the trainer.



December 4th - Lecture on Fossils in Alcobça. Within the scope of the exhibition "Dinosaurs return to Alcobça" organized by the Portuguese Centre for Geo-History and Prehistory for the Municipality of Alcobça, in the coastal central region of Portugal, Carlos Neto de Carvalho who collaborated in this exhibition visited the Interpretation and Environmental Education Centre of Alcobça. Here and for an audience of families, with very interested young people, the scientific coordinator of Naturtejo Geopark spoke about the magnificent sites of paleontological interest of the municipality of Alcobça, in 200 million years of stories through the fossils. "Fossils from Alcobça: a Paleontological Journey" was the theme of the presentation.



December 12th and 18th - Last guided visits of the year to Barrocal Park. Two more guided Visits took place in the Barrocal Park, an initiative by the municipality of Castelo Branco with the participation of Carlos Neto de Carvalho. These were the last visits of the year, which ended with a very positive balance for the Barrocal Park, which in its first year of existence had more than 35000 visitors. This became, without a doubt, one of the most relevant geotouristic attractions of Naturtejo Geopark.



December 14th to 16th - 9th UNESCO Global Geoparks International Conference in South Korea . Naturtejo UNESCO Global Geopark participated in the 9th International Conference of UNESCO Global Geoparks organized by Jeju Island Geopark, in the Republic of Korea. Due to the restrictions imposed by the pandemic the most important UNESCO Geoparks event, already postponed last year, took place online. The event brought together more than seven hundred Geopark experts from 52 countries that during 3 days shared projects and discussed the challenges of their territories.

Carlos Neto de Carvalho represented Naturtejo Geopark in the General Assembly of the Global Geoparks Network, where the strategy of this association for the next two years was presented, besides electing new representatives of its board positions.

In the scientific session dedicated to climate changes and geological risks in geoparks, Joana Rodrigues presented the work developed in the scope of the forest fires risk reduction, presenting some projects and initiatives at the level of education and environmental awareness developed in collaboration with the municipalities, along the last years.

Naturtejo Geopark also participated in the presentation of the Geotourism Strategy of UNESCO Global Geoparks in Portugal, in partnership with all Portuguese geoparks (Arouca, Açores, Terras de Cavaleiros and Estrela).

The joint projects under development with Tourism of Portugal national authority concerning the qualification of the tourism offer of these classified territories, at national level, were shared.

Regarding international collaborations, Naturtejo Geopark participated in a work on the international brand GEOfood, in implementation in the territory and that is being studied under the scope of the research project "IGCP 726 - GEOfood for the Sustainable Development in UNESCO Global Geoparks", financed by the UNESCO International Geosciences Programme.

Considering the important role of youth as agents of change in their territories and communities, it took place, integrated in this event, the First Youth Forum of UNESCO Global Geoparks, where Portugal was represented by Rita Santos. The young girl from Estrela Geopark was selected among candidates from several geoparks. Young people between 18 and 24, from 44 countries, discussed and contributed for the strategies, policies and programmes of the Global Geoparks Network.

In parallel also took place the 1st Global Geoparks Network Film Festival, where Naturtejo Geopark participated and where 62 films were in competition.

The Conference also included virtual visits in the Jeju Island Geopark and a Virtual Geoparks Fair.



December 19th - Nature Photography Workshop - Winter Edition. This was another Nature Photography workshop organised by the Municipality of Castelo Branco with the photographer Pedro Martins. The workshop allowed exploring different photography techniques, as well as the biodiversity and geodiversity of the Barrocal.



December 23rd - Geoproducts on Bio-Region of Idanha-a-Nova Market - Christmas Special.

December 23rd - Geoproducts on Bio-Region of Idanha-a-Nova Market - Christmas Special. The Bio-Region of Idanha-a-Nova Market - Christmas Special was organized by the Municipality of Idanha-a-Nova, with the collaboration of Naturtejo Geopark. Aiming to promote and potentiate the commercialization of local products in this festive season, the event took place in the municipal market and counted with local artisans and producers not only from Idanha, but from the entire region. The Naturtejo Geopark participated with a space dedicated to the promotion of Geoproducts and GEOfood. The SmartFarmer's GEOfood Christmas Baskets, which include products from the 5 Portuguese geoparks were also promoted.

IMPACT OF GEOPARK IN MEDIA



TV & Radio

December 3rd (RTP1) - Idanha-a-Nova is against lithium exploration in the municipality
December 21st (BeiraBaixaTV) - Naturtejo at Global Geoparks Conference
December 21st (Rádio Castelo Branco) - Naturtejo Geopark in the International Conference of UNESCO Global Geoparks

Newspapers & www

December (Boa Cama Boa Mesa-SIC) - Hiking through the "Pinhal Interior" in central Portugal
December 1st (Gazeta do Interior) - Penha Garcia will have a Trilobites Interpretative Centre
December 2nd (Reconquista) - Naturtejo joins a partnership - Christmas Baskets with geopark products
December 2nd (Reconquista) - Cross-border cooperation - Idanha met Spanish mayors
December 2nd (Reconquista) - Trilobites will have an Interpretative Centre
December 2nd (Reconquista) - Municipality of Idanha is against lithium exploitation
December 15th (boacamaboamesa.expresso.pt) - Discover the longest continuous trail of human footprints in the world in Oleiros
December 17th (nationalgeographic.pt) - Erges Trail, one of the last wild rivers in Portugal
December 20th (BeiraNews) - Naturtejo Geopark at the International Conference of UNESCO Global Geoparks
December 20th (Diário Digital de Castelo Branco) - Naturtejo Geopark attends International Conference
December 21st (Jornal de Oleiros) - Naturtejo Geopark at the International Conference of UNESCO Global Geoparks
December 23rd (Reconquista) - Penamacor - Students learn the geological heritage
December 30th (Reconquista) - International Conference of UNESCO Global Geoparks - Geopark wants to reduce fire risks

SCIENTIFIC CONTRIBUTIONS FOR THE GEOPARK AND THE GEOSCIENCES



- Figueiredo SD, Luís Raposo L & Sousa F - Upper Pleistocene fauna from the Middle Palaeolithic Site of Foz do Enxarrique (Vila Velha de Ródão, Naturtejo Unesco Global Geopark). *Geoconservation Research*. 4(2): 685-693.

- Gentilini S., Thjømøe P., Rodrigues J., Paz A. & Justice S. - GEOfood as an Education, Research and Tourism Initiative. 9th International Conference on UNESCO Global Geoparks. 12th – 16th December, Jeju island UNESCO Global Geopark, Republic of Korea, 0042.

- Rodrigues J., Duarte A., Costa M., Morais A. & Castro E. - Geotourism Strategy in Portuguese UNESCO Global Geoparks. 9th International Conference on UNESCO Global Geoparks. 12th – 16th December, Jeju island UNESCO Global Geopark, Republic of Korea, 0097.

- Rodrigues J., Neto de Carvalho C., Catana M. & Vilas Boas M. - Naturtejo UNESCO Global Geopark (Portugal) contribution to wildfire risk reduction. 9th International Conference on UNESCO Global Geoparks. 12th – 16th December, Jeju island UNESCO Global Geopark, Republic of Korea, 0228.

- Figueiredo, S., Díaz Martínez, I., Souza Carvalho, I., Suberbiola, X.P., Cunha, P.P., Neto de Carvalho, C. & Askalany, A. – Crocodylomorph trace fossils from the Areia do Mastro Formation (Barremian), Cabo Espichel, Lusitanian Basin (Portugal). 3rd Palaeontological Virtual Congress, Book of Abstracts, ISBN: 978-84-09-36657-6, 200-201.

PROMOTION FOR THE GENERAL PUBLIC

- GEOfood Leaflet - Local and sustainable food from a territory with unique geology (in Portuguese)
- Christmas Catalogue - Baskets 2021: 600 million years at the Christmas table, SmartFarmer - OIKOS

unesco
Global Geopark

WEBINAR

A COMUNICAÇÃO NOS GEOPARQUES

No âmbito do 6º Aniversário do I.G.G.P.
Programa Internacional de Geociências e Geoparques da UNESCO

- > José Luís Santos - Fotógrafo de Viagem
- > Joana Rodrigues - Geóloga no Naturtejo UGp
- > Luís Taklim - Ilustrador Científico
- > Filipa Cardoso - Diretora do departamento de Comunicação e Marketing Digital do Turismo de Portugal

moderador: Gonçalo Pereira Rosa - Diretor da National Geographic Portugal

Entrega dos Prémios do 1º Concurso de Fotografia - Geoparques Portugueses

PLATAFORMA ZOOM
6 JANEIRO 2022
17h30

organizações:

I CAP - CURSO DE ATUALIZAÇÃO DE PROFESSORES EM GEOCIÊNCIAS - ESPECIAL

PAISAGENS EDUCATIVAS DO GEOPARK NATURTEJO MUNDIAL DA UNESCO

Sessões EaD: 30 abril 2022 (AFCD)
Curso de campo: 6 a 8 maio 2022
Duração: 30 horas

MAIS INFO [+]: icapespecial.wordpress.com | info@apgeologos.pt

Mercado Bio-Região

IDANHA-A-NOVA

20 DE JANEIRO DE 2022
DAS 9H00 ÀS 13H00

MERCADO MUNICIPAL
(PRAÇA)

PROMOTION FOR THE GENERAL PUBLIC



Visit Naturtejo Geopark in:



www.geoparknaturtejo.com



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www.instagram.com/geopark_naturtejo/



www.youtube.com/geoparknaturtejo



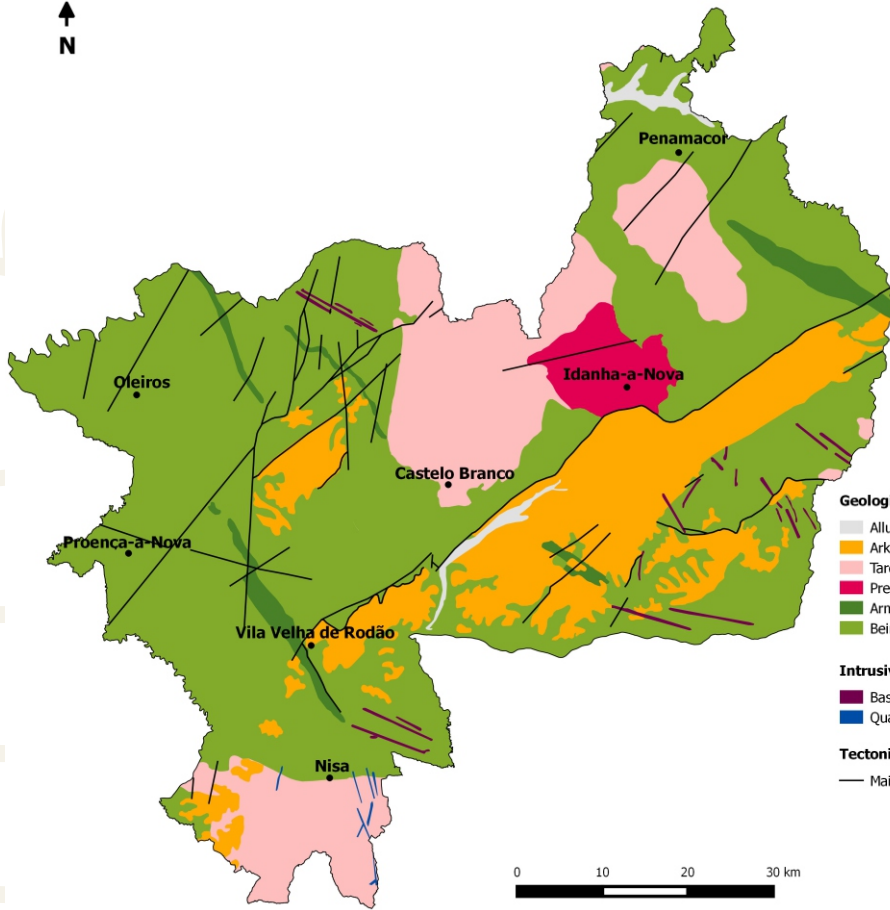
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https://twitter.com/Geo_Naturtejo

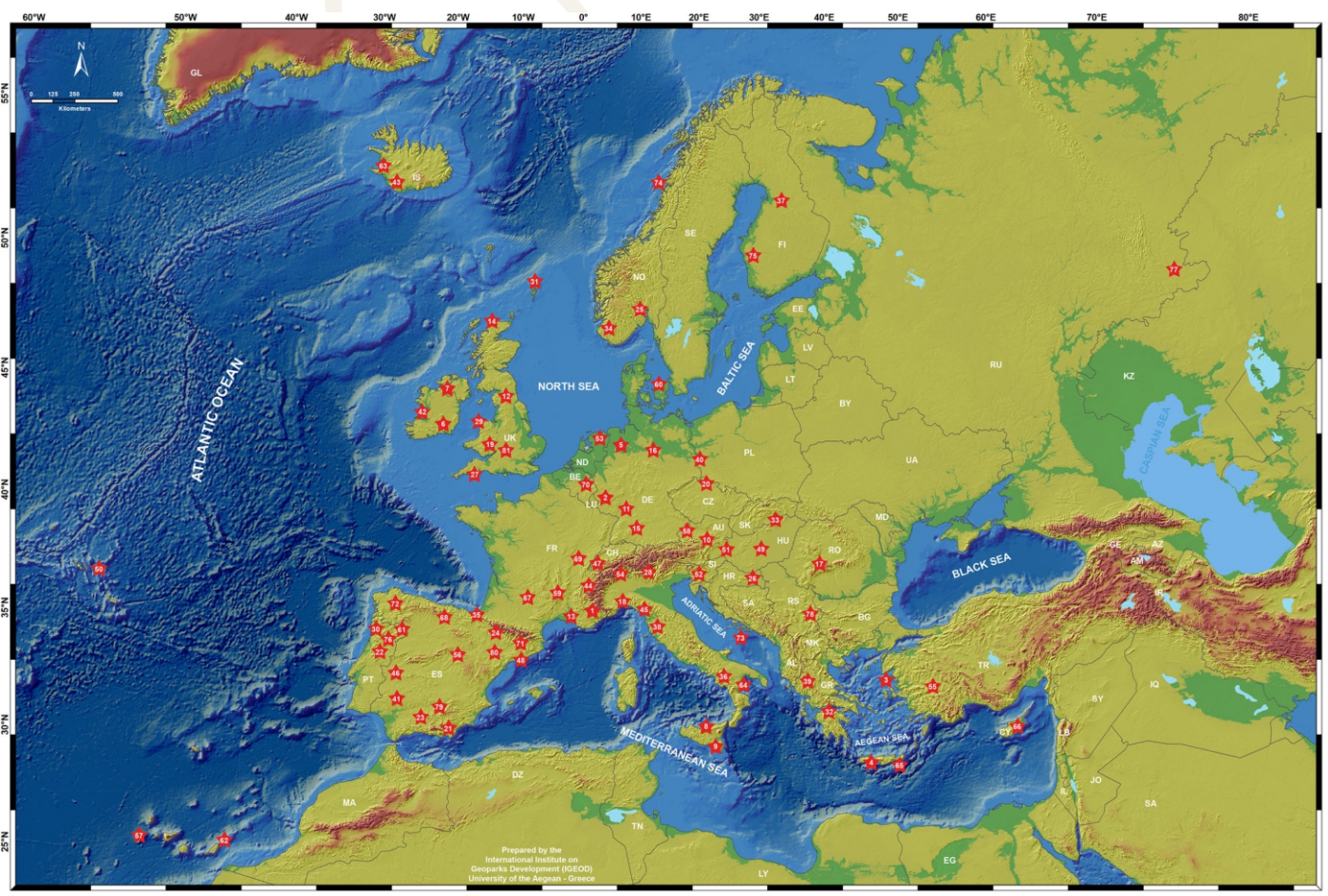


<https://www.linkedin.com/company/geoparknaturtejo/>



- Geological Formations (Ma-Million years)**
- █ Alluvium and fluvial terraces - Plistocene-Holocene (1Ma-present)
 - █ Arkoses, breccias and conglomerates - Eocene-Pliocene (50-2.6Ma)
 - █ Tardi-Variscan orogenic granites (315-300Ma)
 - █ Pre-Variscan granodiorites (480-472Ma)
 - █ Armorican Quartzite and schists - Ordovician-Lower Silurian (488-435Ma)
 - █ Beiras Group (schists and greywackes) - Neoproterozoic (610-542Ma)
- Intrusive rocks**
- █ Basic rocks, aplites and pegmatites
 - █ Quartz
- Tectonic**
- Main faults

Geoparks: Geology with human face





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www.geoparknaturtejo.com

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