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Accredited Teacher Training: Biodiversity and Geodiversity Routes in the Natural Park of Southwest Alentejo and Vicentina Coast

...and more!

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GEOPARK NATURTEJO - GEOPARQUE MUNDIAL DA UNESCO - E-Magazine



MONTHLY ACTIVITIES



September 3rd - Online launch of the Educational Resources Guide of the partners of the Guide of the Portuguese Geological and Mines Sites for the 2020/21 School Year.

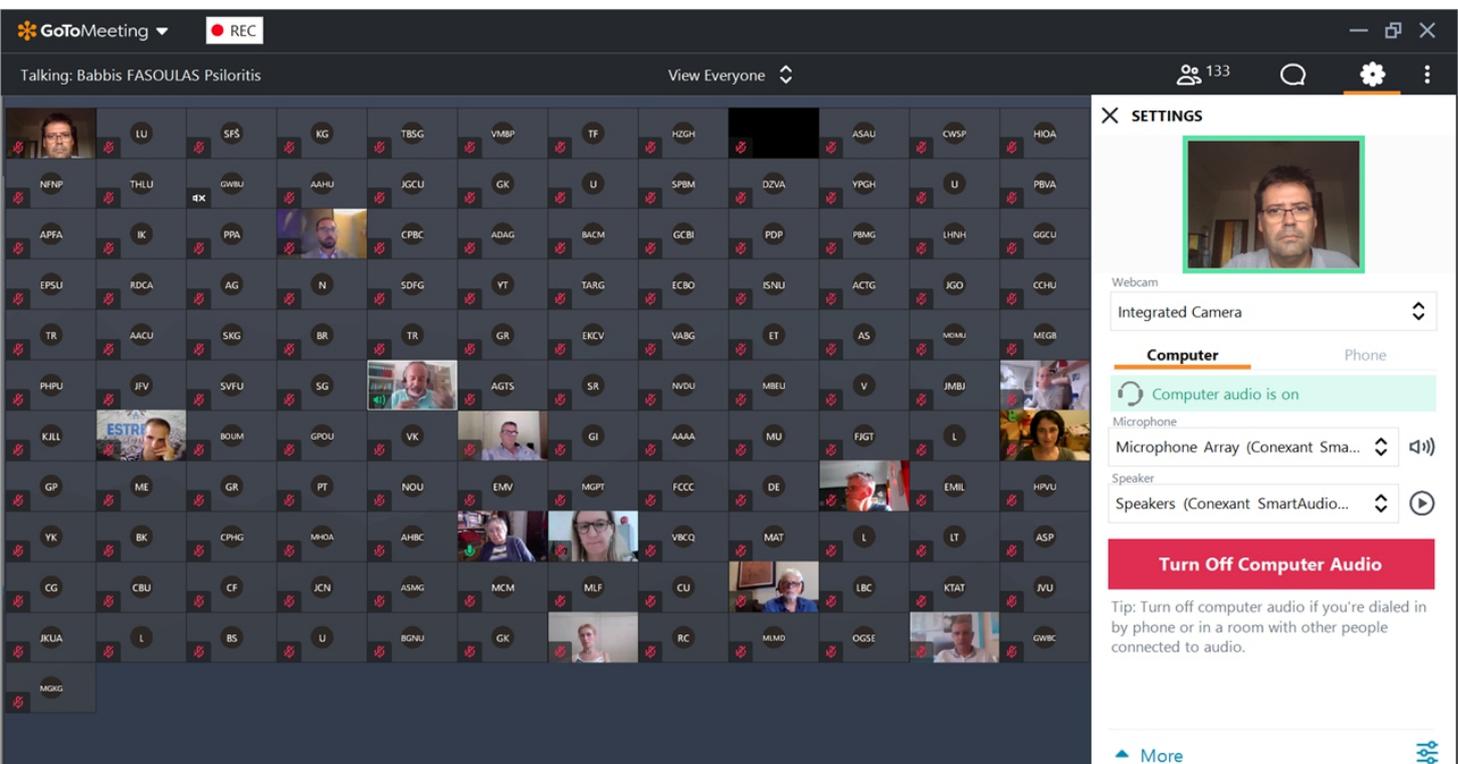
The digital version of the educational resources guide of the partners of the Guide of the Portuguese Geological and Mines Sites for the school year 2020/2021 is available. The PDF can be consulted or downloaded: <http://www.rroteirodeminas.pt/listagem-de-registos/newslist-pt/disponivel-o-guia-recursos-educativos-ano-lectivo-2020-2021.aspx>. The novelty regarding to previous school years is that in addition to activities to be developed on-site with the students (e.g. field trips), educational resources have been integrated allowing the development of non-contact activities, to be developed in a classroom or other context (e.g. documentaries and pastimes), given the context of the COVID-19 Pandemic in which we are living. Naturtejo Geopark presents as suggestions for on-site activities, field trips and thematic workshops, and as non-contact, digital activities/resources: the www.geonaturescola.com microsite; the App TeachOUT - "Outdoor Science Game"; the Geoscience Teaching Module in the Field: Geoparks and Geosites – Naturtejo Geopark; Virtual Visit to the Segura Mines; Monforte da Beira in the Iron Age; Virtual Museum of Mini Worlds; Interactive games/pastimes; Documentaries "Naturtejo Geopark: an oasis in Europe" and the series "When we went for ore"; #NaturtejoGeopark at home (www.naturtejo.com), among others.

September 8th and 30th - Meetings of the Working Group Portuguese Geoparks/Tourism of Portugal.

The working group of the Portuguese Geoparks and Tourism of Portugal met again, aiming to continue the articulation of products and tourist experiences in network.

The 1st Cycle of Webinars was reviewed and a training programme for geopark entrepreneurs and technicians began to be designed. Scientific Tourism and GEOfood network products are being worked on, as well as a digital communication plan.

Besides the Geoparks and Tourism of Portugal, representatives of the Regional Entity of Tourism of Alentejo and the Regional Directorate of Tourism of Azores also attended the meeting, and Naturtejo Geopark was represented by Joana Rodrigues.



September 15th – 2nd European Geoparks Digital Forum. The COVID-19 pandemic is seriously affecting the society daily routine, the economy and has deeply affected the activities of geoparks. In order to strengthen communication between Geoparks several digital events have been held and more are being planned in the coming months. The European Geoparks Network held its Second Digital Forum where various aspects related to UNESCO and geoparks networking were discussed through different working groups developed. The Digital Forum was organised by the European Geoparks Network in collaboration with the Global Geoparks Network. The meeting gathered representatives from 79 UNESCO Global Geoparks, in a total of 133 participants. The main focus was to share experiences regarding the developing activities of the European Geoparks Network, the schedule for the Network meetings, future meetings during the pandemic, the reports of the national geoparks commissions, the Network's communication tools (EGN Magazine and EGN Newsletter) and the document on harassment. Carlos Neto de Carvalho represented Naturtejo Geopark and, as coordinator of the Tourism Working Group, presented the possible scenarios for participation in international tourism fairs next year.

September 16th and 29th - Portuguese Geoparks Forum meetings. Two online meetings were held between the UNESCO National Commission and representatives of the five UNESCO Global Geoparks Portugal, aiming to strengthen networking. Issues related to the International Geosciences and Geoparks Programme and the organisation and activity of the Portuguese Geoparks Forum were discussed. Naturtejo Geopark was represented by Joana Rodrigues.



September 26th and 27th - Accredited Teacher Training: Biodiversity and Geodiversity Routes in the Natural Park of Southwest Alentejo and Vicentina Coast.

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"The coast, which represents an important part of the Portuguese territory, whose preservation should be promoted, not only because of its geological, natural and landscape values, but also because it is home to three-quarters of the Portuguese population and contributes to 85% of the Gross National Product". Combining the high wealth of the Natural Park of Southwest Alentejo and Vicentina Coast and its coastal location, is intended that teachers, as human resources, are trained and are driving forces in strengthening the principles and thematic axes of ENEA2020.

The training action "Biodiversity and Geodiversity Routes in the Southwest Alentejo and Vicentina Coast Natural Park" aimed to enhance knowledge about the natural heritage of the coast and "Bring Nature into our lives" by raising awareness among teachers, and so their students, on the protection and conservation of the natural heritage by introducing the ENEA20 and EN Conservation of Biodiversity 2030, among others.

The action had as trainers: Carlos Neto de Carvalho, Geologist Scientific Coordinator of Naturtejo UNESCO Global Geopark; Pedro Arsénio, Landscape Architect of the Institute of Agronomy and Director of the Herbarium "João de Carvalho e Vasconcellos", in the area of Flora and Vegetation; and Clarisse Ferreira, of Tagis - Portugal's Butterflies Conservation Centre, in the area of Biology, integrating the projects Biodiversity Stations - Amoreira Beach (Tagis), Life Charcos - Malhão Beach and MarSW (LPN - Nature Protection League) - Pessegueiro Island and Almogrove Beach. Carlos Neto de Carvalho explored with the teachers the stratigraphy of the Quaternary, as well as geomonuments of international relevance, namely the famous angular unconformity of Ponta do Telheiro.

The training action, lasting 25 hours, is accredited for the purpose of progression in the teaching career by CFECO - Teachers Training Centre of Oeiras, in the disciplinary groups 230, of the 2nd Cycle of Basic Education and in the groups 420, 520 and 560 of the Basic (3rd Cycle) and Secondary, under the provisions of art.5 and n.3 of art.14 of the Legal Regime of Continuous Training with the number: CCPFC/ENT-AE- 1358/18. This training action may in the near future have a replica in the area of Naturtejo UNESCO Global Geopark.



September 29th - Book Launch "Lisboa Romana: o território e a memória" (Roman Lisbon: the territory and the memory) highlights Naturtejo Geopark's geomining heritage.

The second volume of the "Lisboa Romana" collection was launched in Almada, overlooking the capital. In this volume dedicated to territory and memory, the first part Terra Mater Olisiponensis was coordinated by the professors of the Faculty of Sciences of the University of Lisbon, Maria Conceição Freitas and Mário Cachão, and included a chapter dedicated to the mining exploitation of geological resources during the Roman period. This chapter had the participation of Carlos Neto de Carvalho, who presented a review of the existing knowledge on mining developed along the Tagus Aurífer watershed in Lusitanian territory, exploring some virtually unprecedented mining sites, such as the Murracha Mountain in Toulões. The ceremony to present this book was attended by the Mayor of Almada, Inês de Medeiros and the Councillor for Culture and International Relations of the City Council of Lisbon, Catarina Vaz Pinto.

September 30th - Advisory Council for the Cross border Biosphere Reserve Tejo/Tajo Meeting. The Advisory Council for the Cross border Biosphere Reserve Tejo/Tajo International, of which Naturtejo Geopark is member, met at Casa das Artes e Cultura do Tejo in Vila Velha de Rodão and online for a status report on the activities and projects.

After the cancellation of all the activities planned for spring 2020 and as there are still no conditions for some initiatives foreseen in the Territory with Life Project, the timetable will be evaluated again in early 2021. One of the objectives will be to strengthen collaboration with the Spanish part of the RBTT, which is also currently rather constrained by the pandemic. Most activities will now continue in adapted and remote formats, with an emphasis on actions with schools. Naturtejo Geopark was represented by Carla Jacinto, Joana Rodrigues and Manuela Catana.

September 30th - Webinar "Geology Touches Everyone" - Geosciences for Society. The exploitation of geological resources that culminated in the National Strategy for Lithium approved in 2018 has led to the development of a strong division between environmentalists and geoscientists, which have spread asymmetrically in public opinion. Several groups of activists from both sides have emerged in the social networks, contributing to an environment of misinformation, with strong present and future implications in the programming of strategies for socio-economic development and the enhancement of the natural heritage and landscapes. One of these groups present on Facebook, Sm-Ar-Te-F-O-Ne - All come from the Rocks, has had an intervening role informing on the processes of mining and energy resources in Portugal. In order to show the vast intervention of geologists in the Society, this informal group created a series of webinars called "Geology Touches Everyone". The first of these events was organised by two moderators from the Smartefone group (Sara Leal and João Casacão) and was attended by guests from the areas of mining industry, engineering, and country planning and geological heritage. Carlos Neto de Carvalho, as scientific coordinator of Naturtejo UNESCO Global Geopark was one of the guests to address the importance of valuing the Geological Heritage and the role of local power in its conservation. This fruitful discussion was fed by questions from the virtual audience, selected by the moderators during the two-hour session.

IMPACT OF GEOPARK IN MEDIA



TV & Radio

September 23rd (TSF) – Arrebita Idanha with gastronomy stars

Newspapers & www

September (Vogue) - A park for the world

September 17th (Reconquista) - LIVING SCIENCE IN THE SUMMER - Activities attract hundreds of participants

September 22nd (Público) - Chefs go to the villages: Arrebita Festival bets on local gastronomy and arrives to Idanha

September 22nd (EchoBoomer) – Idanha-a-Nova will host gastronomic event Arrebita Idanha Bio

September 30th (Gazeta do Interior) – Penha Garcia and Idanha-a-Velha – Arrebita Idanha Bio brings famous chefs

SCIENTIFIC CONTRIBUTIONS FOR THE GEOPARK AND THE GEOSCIENCES



- CACHÃO, M., NETO DE CARVALHO, C., CARVALHO, M.R. – As riquezas do Ager Olisiponensis. Lisboa Romana|Felicitas Iulia Olisipo, II: O território e a memória. Caleidoscópio, 42-70.

PROMOTION FOR THE GENERAL PUBLIC



SmartFarmer

1º ciclo de **webinars**
À DESCOBERTA
DOS **SMARTFARMERS**
da Beira Baixa

SmartFarmers de...	Data
Idanha-a-Nova	7 Out.
Proença-a-Nova	14 Out.
Vila Velha de Rodão	21 Out.
Castelo Branco	28 Out.
Penamacor	4 Nov.
Oleiros	11 Nov.

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À DESCOBERTA
DOS **SMARTFARMERS**
da Beira Baixa

Hora	Programa
10h00	Abertura pela Câmara Municipal (<i>sujeito a confirmação</i>)
10h10	Apresentação do SmartFarmer, Oikos >> Oportunidades para os Produtores Locais >> Rede Clubes de Consumo Responsável
10h30	Apresentação do conceito Geoprodutos, Geopark Naturtejo Mundial da UNESCO
10h45	Apresentação de Marcas Coletivas e Projetos Locais
11h00	Prova comentada de uma seleção de produtos produzidos no Concelho
11h30	Questões

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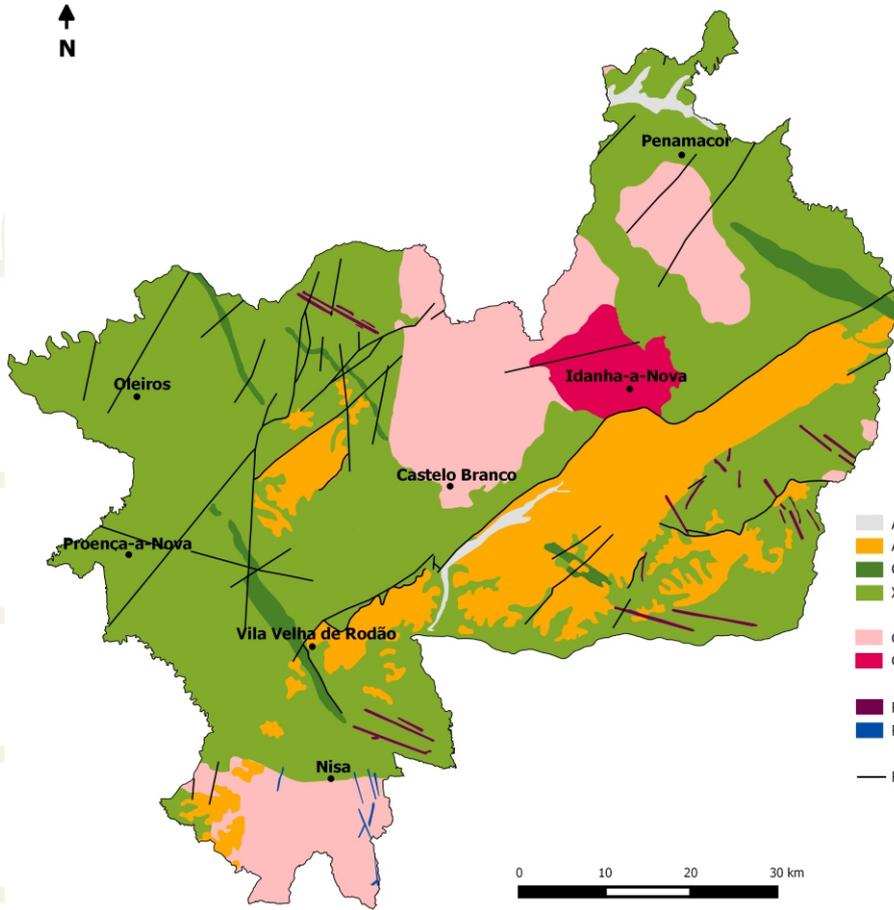
+20 CHEFS
2 ALDEIAS COM HISTÓRIA
2 PERCURSOS EM SEGURANÇA

03OUT PENHA GARCIA MOINHOS
04OUT IDANHA-A-VELHA ALDEIA

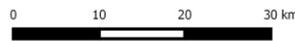
ORGANIZAÇÃO: amuse bouche
APOIO INSTITUCIONAL: MUNICÍPIO IDANHA-A-NOVA, TERRITÓRIO UNESCO, naturtejo, IDANHA-A-NOVA BIOPARC, idanha.pt

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- Areias, argilas e arcoses - Quaternário (1Ma - Presente)
 - Arcoses, brechas e conglomerados - Paleogénico-Neogénico (50 - 2,6 Ma)
 - Quartzitos e xistos - Ordovícico-Silúrico Inferior (488 - 471 Ma)
 - Xistos e grauvaques - Neoproterozóico (610 - 542 Ma)
 - Granitos - Carbonífero (315 - 300 Ma)
 - Granodioritos - Ordovícico (480-472 Ma)
 - Rochas filonianas
 - Filões de quartzo
 - Falhas
- Ma - Milhões de anos



Geoparks: Geologia humanizada





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