



In this issue:

III Seminar on Inland Tourism in Terras de Cavaleiros Geopark
Launch of the Community of Practice of the EU Mission - Adapting to Climate Change
Meeting of the Monitoring Committee of the Portuguese Geoparks Network
...and more!

CRUZIANA

NATURTEJO UNESCO GLOBAL GEOPARK - E-MAGAZINE





Monthly Activities

January 6th - Biennium Meeting for Climate Action of the Portuguese Geoparks. New meeting between Portuguese UNESCO Geoparks and aspiring in order to prepare the public presentation of the Biennium for Climate Action of the Portuguese Geoparks in the Fair of Hunting and Tourism organized by Terras de Cavaleiros Geopark. Carlos Neto de Carvalho represented Naturtejo Geopark in the quality of scientific coordinator.

January 12th - Meeting of the Advisory Committee of the Global Geoparks Network. This meeting of the Advisory Committee of the Global Geoparks Network brought together online 44 representatives of national Geoparks networks and forums from around the world. The main goal of this meeting was to discuss the Action Plan of the Network for 2022-2023. Strategies for joint promotion, sustainability, training, communication and networking were discussed. Joana Rodrigues attended the meeting representing the Portuguese Network of UNESCO Global Geoparks.

January 16th - Meeting of the Monitoring Committee of the Portuguese Geoparks Network. The first meeting of 2023 of the Monitoring Committee of the Portuguese Geoparks Network was held in Lisbon, at the National Commission for UNESCO. This commission meets monthly to articulate the network work and prepare joint initiatives. Naturtejo Geopark was represented by Joana Rodrigues.

January 19th - Online meeting of the ESTEAM Project Team (ERASMUS+). This meeting aimed to discuss the post-project continuity of the Mobile App "TeachOUT - Outdoor Science Game" created under the project (ERASMUS+) ESTEAM. Manuela Catana gathered the data regarding the use of the App TeachOUT in Naturtejo UNESCO Global Geopark and in Portugal, since it became available. Teacher André Azeiteiro, from School Group José Silvestre Ribeiro, Idanha-a-Nova (partner school of the project in the geopark territory) and Carlos Neto de Carvalho attended the meeting along with elements from the other partner entities.



January 23rd and 24th - Aspiring Oeste Geopark in technical visit to Naturtejo Geopark. The Aspiring Oeste Geopark team was in a technical visit to Naturtejo Geopark. During two days, the technical team and the president João Serra knew several projects and strategies of the territory, were received by the President Armindo Jacinto and accompanied by Joana Rodrigues. The visit included geosites like the Ponsul Fault Scarp Viewpoint, the Fossils Trail, the Boulders Trail, Barrocal Park or the Archaeozoological Site of Foz do Enxarrique.

During two days the team had the opportunity to meet some partners of Naturtejo Geopark, like the Restaurants Helana and Despensa-a-Nova or the GeoRestaurant Petiscos & Granitos. At the Geocakes atelier the Cake Designer Raquel Ramos and the Chef Mário Ramos presented the company concept and the sustainability strategy, as well as the advantages of the brands Geoproducts and GEOfood. In Monsanto Geo-Hotel School, Professor Ricardo Martins presented the academic component of the management of the hotel unit. The occasion matched the International Day of Education and the date was marked with a visit to the class of the Living Science School of the Living Science Forest Centre and the social innovation project Bio Aromas. The executive coordinator of CCV, Edite Fernandes, and the teachers Rosário Mendonça and Elisabete Pereira received the group and presented this national initiative and the strategy of the Living Science Forest Centre, as well as the partnership with Naturtejo Geopark.

January 26th - Launch of the EU Climate Change Adaptation Community of Practice. The launch of the Climate Change Adaptation Mission Community of Practice took place in Brussels, organised by the European Commission's Directorate-General for Climate Action, Adaptation and Resilience to Climate Change. This event brought together regional and local adaptation practitioners who signed the Mission Charter, Friends of Mission, members of the Mission Board and national representatives. Regional and local authorities were invited to describe their main challenges in terms of financing, citizen participation and access to data. Carlos Neto de Carvalho was representing the territory among the participants.



January 26th to 29th - Naturtejo Geopark at Macedo de Cavaleiros Hunting and Tourism Fair. Naturtejo Geopark attended the Hunting and Tourism Fair of Macedo de Cavaleiros, with a joint space of the Portuguese UNESCO Global Geoparks. During four days the Geoparks Naturtejo, Arouca, Açores, Terras de Cavaleiros, Estrela and the aspiring Oeste presented their territories, with activities for children and GEOfood tastings. The Geoparks space received the presentation of the preliminary results of the Biennium for Climate Action. The Strengths, Threats, Vulnerabilities and Opportunities of the territories for Climate Action were discussed. In parallel the 'III Seminar on Inland Tourism - Structuring and Promoting Tourism Products' took place and presented and discussed tourism strategies, with the participation of Tourism of Portugal and the Geoparks. Naturtejo Geopark presented the Geopark Tours, as territorial development strategy and touristic product. The Fair, promoted by the Municipality of Macedo de Cavaleiros and by Terras de Cavaleiros Geopark, hosted 150 exhibitors and received about 30 thousand visitors. Carla Jacinto and Joana Rodrigues represented Naturtejo Geopark.

January 30th - Workshop 'People and Fire: Reducing Risk, Living with Risk'. A participative workshop took place in the scope of the research project 'People and Fire: Reducing Risk, Living with Risk', promoted by the Institute of Social Sciences of the University of Lisbon. This workshop on the situation of the municipality of Proença-a-Nova was coordinated by the researcher Luísa Schmidt with the purpose of listening to the stakeholders on forest management and territorial development policy measures, seeking to reduce the rural-forest fire risk. The initiative gathered around 40 participants who discussed relevant practices in the reduction of fire risk and tried to find, together, public policy solutions for the forest and territory. Naturtejo Geopark was represented by Joana Rodrigues.

IMPACT OF GEOPARK IN MEDIA



TV & Radio

January 4th (www.evasões.pt) – Some outdoor walks with emphasis on the Orvalho Walkways and the Garden of the Episcopal Palace

January 4th (<https://www.e-konomista.pt>) – Penha Garcia: the village of rare treasures in Beira Baixa

January 15th (ncultura.pt) – The charming town D. Dinis donated to the Templar Knights

January 23rd (Faro de Vigo) - From Italy to Galicia by bus and train in search of 'footprints' on its stones: "Vigo is an open-air museum"

January 27th (ncultura.pt) – The village that fascinated the Japanese in Central Portugal

SCIENTIFIC CONTRIBUTIONS FOR THE GEO PARK AND THE GEOSCIENCES



- FIGUEIREDO, S., NETO DE CARVALHO, C., CACHÃO, M. & FONSECA, A. - A marine bird (Sulidae, Aves) from the Langhian (middle Miocene) of Penedo beach (Setúbal Peninsula—SW Portugal) and its paleoenvironmental context. *Journal of Iberian Geology*, 10.1007/s41513-022-00203-5.

- BAUCON, A., ENRICHETTI, F., CABELLA, R., BAVESTRELLO, G., BO, M., TOMA, M., NETO DE CARVALHO, C., CARBONEA, C. & BRIGUGLIO, A. - Sabellid tubes from the deep shelf off Liguria (Italy): A modern analogue for distal Skolithos Ichnofacies? *Palaeogeography, Palaeoclimatology, Palaeoecology*, <https://doi.org/10.1016/j.palaeo.2022.111333>

- NETO DE CARVALHO, C. & MARRECCAS, P. - Primeira evidência de Autotomia com Quelípode em regeneração no caranguejo *Portunus monspeliensis* do Miocénico Inferior de Portugal. *Boletim do Centro Português de Geo-História e Pré-História* 4 (1), 9-18.

- FIGUEIREDO, S., NETO DE CARVALHO, C., & FONSECA, A. - Um novo crânio de *Tusciziphius atlanticus* (Ziphiinae: Cetacea) do Miocénico do fundo oceânico da plataforma portuguesa. *Boletim do Centro Português de Geo-História e Pré-História* 4 (1), 19-28.

PROMOTION FOR THE GENERAL PUBLIC

2023 III Seminário sobre Turismo de Interior

Estruturar e Promover Produtos Turísticos

Macedo de Cavaleiros

27 de Janeiro - Praça da Feira da Caça e Turismo



Programa

10.00H - **Sessão de Abertura**
Benjamim Rodrigues - Presidente da Câmara Municipal de Macedo de Cavaleiros

10.45H - **Estruturação de produto turístico e o trabalho em rede** - Teresa Ferreira - Turismo de Portugal

11.00H - **Estratégia de desenvolvimento territorial e produto turístico** - Joana Rodrigues e Carla Jacinto

11.15H - **Apresentação da Rota dos Vulcões do Açores Geoparque** - Fernanda Bettencourt

11.30H - **Apresentação da Rota dos Geossítios do Arouca Geoparque** - Alexandra Paz

11.45H - **Apresentação da Grande Rota do Estrela Geoparque**

12.00H - Debate

12.30H - Pausa para Almoço

14.30H - **Apresentação da Rota do Saber Fazer da Terra Quente** - Isabel Teixeira e Rui Miranda
- Cerimónia de assinatura dos protocolos com os artesãos

15.30H - Debate

16.00H - **Sessão de Encerramento com Secretário de Estado do Turismo** - Nuno Fazenda



Campanha de Verão 2023

25 de junho a 6 de agosto

- Escavações e Prospecção Arqueológicas
Campo 1: 25 de junho a 9 de julho
Campo 2: 9 a 23 de julho
Campo 3: 23 de julho a 6 de agosto

- Curso de introdução à Avaliação de Impacte Ambiental (AIA) aplicada à Arqueologia (calendário a definir)

- Conferências sobre AIA
29 de junho, 13 e 28 de julho

- Visitas de estudo
- Jantares de convívio

Contactos para informações:
alicio@gmail.com
www.archaeologicalfieldcamps-portugal.pt



2023 Campo Arqueológico de Proença-a-Nova

Proença-a-Nova International Archaeological Field Camp

Portugal



PROMOTION FOR THE GENERAL PUBLIC

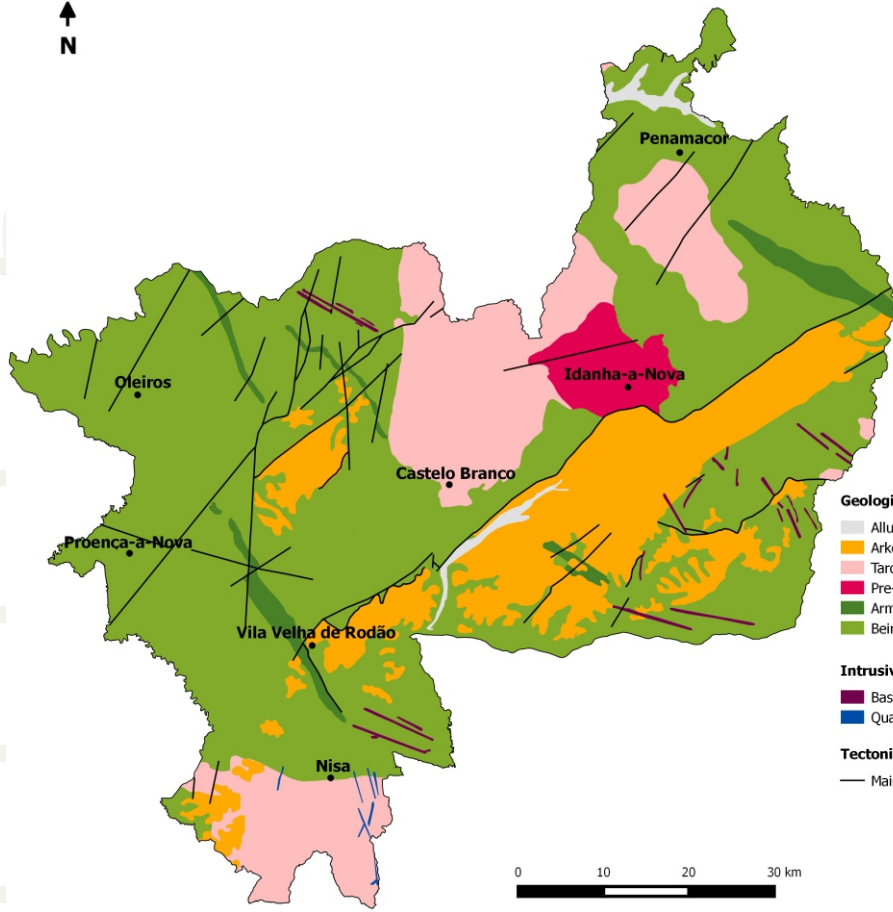


Mercado Bio-Região
IDANHA·A·NOVA
SÁBADOS
DAS 08H00 ÀS 12H00
MERCADO MUNICIPAL
(PRAÇA)

Logos at the bottom of the poster include: Município Idanha-a-Nova, Mercado Bio-Região, BIOECO, Idanha-a-Nova Turismo, UTRESCO, nat.tejo, UFRSBO, and idanha.pt.

Visite o Geopark Naturtejo em:

-  www.geoparknaturtejo.com
-  www.facebook.com/geoparknaturtejo.mesetameridional
-  www.instagram.com/geopark_naturtejo/
-  www.youtube.com/geoparknaturtejo
-  issuu.com/geoparknaturtejo
-  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)

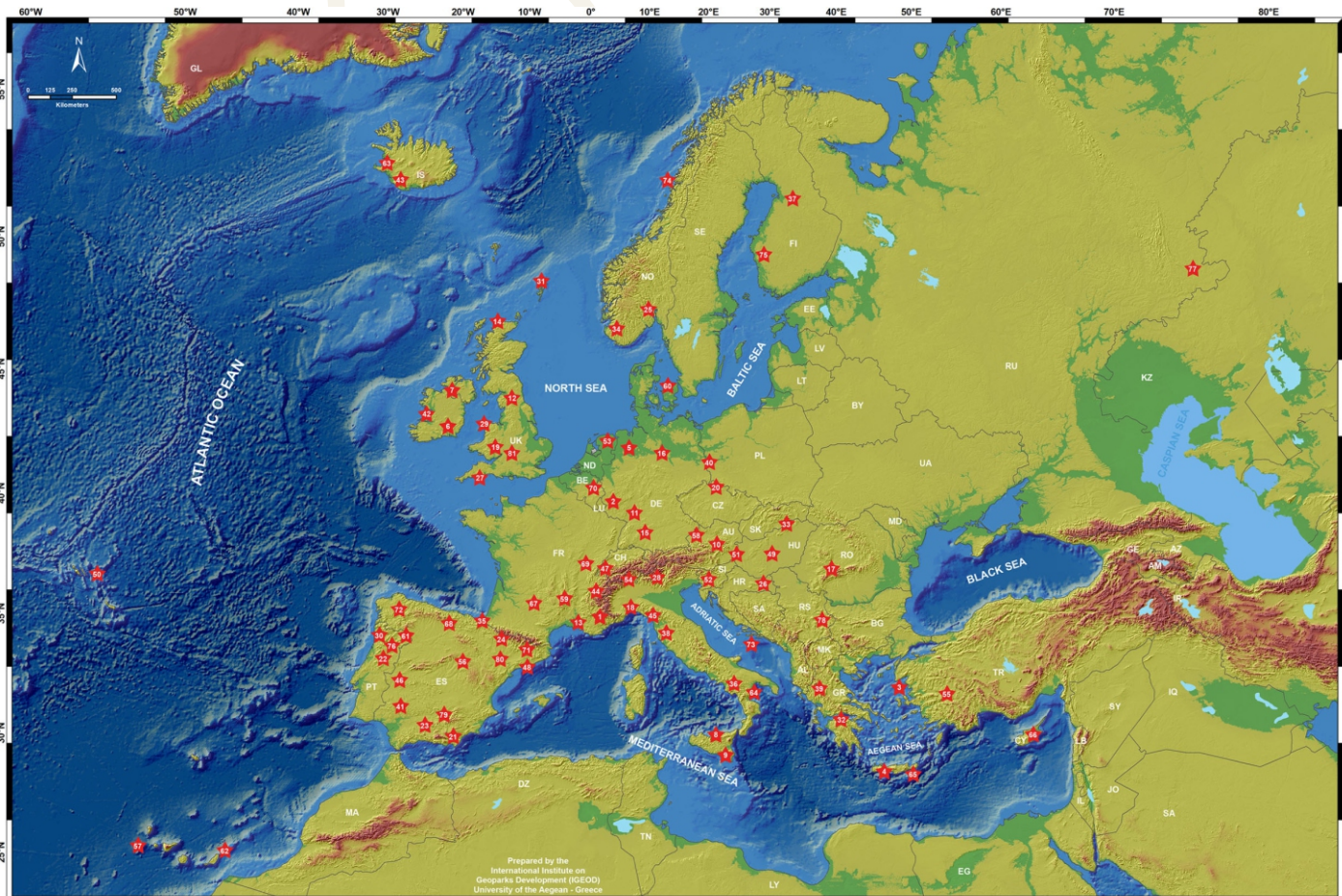
Intrusive rocks

- 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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