



In this issue:

16th European Geoparks Conference in Sesia Val Grande
12th International Meeting of Phytosociology at the Polytechnic of Castelo Branco
II FISAS debated sustainable food in Idanha-a-Nova
...and more!

CRUZIANA

NATURTEJO UNESCO GLOBAL GEOPARK - E-MAGAZINE



MONTHLY ACTIVITIES

September 2nd and 3rd – Night hikes in Monsanto and Penha Garcia. Partners of Naturtejo Geopark promoted the 'Termas é Monfortinho Festival'. The Night Walk in Penha Garcia was promoted by Casa Vinte & Cinco Alojamento Local, while the Night Walk in Monsanto was promoted by Monsanto Tours and Casas da Villa - Monsanto.



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September 3rd – End of Living Science in Summer in Naturtejo Geopark. Another edition of Living Science in Summer comes to an end. Groups of families and friends enjoyed the summer and discovered the geodiversity, biodiversity, landscapes and culture of the Geopark, in a total of 8 dynamic actions. With the teams from Living Science Forest Centre and Naturtejo Geopark, the participants climbed mountains, looked for (and found) gold, visited ancient mines, explored primitive oceans, discovered dragonflies and even ancient forests! In the last activity 'Secrets of Almourão Valley' a group of curious people went to Serra das Talhadas (Proença-a-Nova) and explored the fascinating geological history of the geomonument Portas de Almourão, with Marta Palhim from the Living Science Forest Centre.



September 6th to 8th - 12th International Meeting of Phytosociology at the Polytechnic of Castelo Branco.

At Superior School of Agriculture of the Polytechnic Institute of Castelo Branco took place the 12th International Meeting of Phytosociology, an initiative of the Portuguese Association of Vegetation Science in partnership with Spanish society of Geobotany, co-organized by ESA-IPCB and with the support of the Beira Interior Plant Biotechnology Centre, the municipalities of Castelo Branco and Fundão, and Naturtejo Geopark.

Under the theme “Vegetation Science applied to management, conservation and ecological restoration of habitats” the meeting contemplated conferences, oral presentations, panels and a geobotanical tour to the Regional Protected Landscape of Gardunha Mountain, addressing challenges related to the valuation of ecosystem services and biodiversity conservation, as well as threats affecting natural heritage, namely climate change, forest fires and land use change. Carlos Neto de Carvalho was, together with Sílvia Ribeiro, the guides of the geobotanical tour.



September 7th - Archaeological excavations advance in the Geopark. The archaeological works in the scope of the International Archaeological Camp of Proença-a-Nova continue to unveil mysteries in this part of Naturtejo UNESCO Global Geopark. Another megalithic monument is being revealed with the second intervention in the dolmen of Moita da Galinha, coordinated by João Caninas and a team of professional archaeologists and students. Carlos Neto de Carvalho was called to analyse the provenance of the construction materials, which originated in a stream located a few hundred metres from the monument.



September 12th to 14th - Technical visit to Oeste Geopark project. The aspiring Oeste Geopark, which includes the municipalities of Bombarral, Cadaval, Caldas da Rainha, Lourinhã, Peniche and Torres Vedras, promoted a technical visit to its territory, aiming to make a status report on the application process underway, which will soon be submitted to UNESCO.

The technical team made a detailed presentation of the territory and the Strategic Plan, as well as of several anchor-projects. The visit included geosites, museological and interpretation spaces, contact with local authorities and partner companies and project presentations.

Presidents of Arouca, Açores and Terras de Cavaleiros Geoparks were present, who publicly recognized and congratulated all the work already developed.

Also participated representatives of the 5 Portuguese UNESCO Geoparks, Tourism of Portugal, Tourism of Centre and the Aspiring Geoparks Litoral Viana do Castelo and Algarvensis. Naturtejo Geopark was represented by Joana Rodrigues and Carla Jacinto.

In parallel took place the monthly meeting between the Geoparks and Tourism of Portugal, to coordinate the monitoring actions of the tourist offer, product development and promotion in Geoparks.



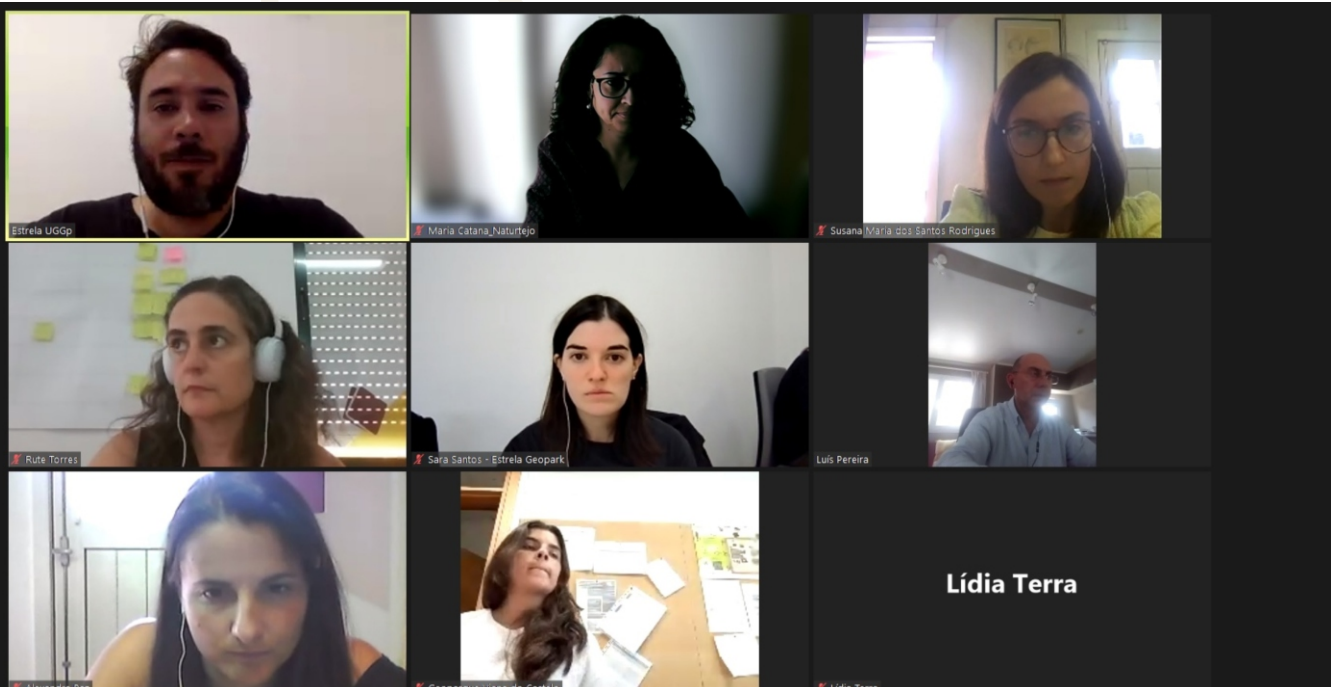
September 13th - Tourism of Portugal includes projects with Geoparks in its 2021 Sustainability Report.

Tourism of Portugal published its 2021 Sustainability Report. This document reflects the commitment with the Sustainable Development Goals, with the Plan "Tourism + Sustainable 20-23" and includes the projects streamlined with the Portuguese Geoparks, under the tourism offer, product development and promotion. The aim of this networking has been to increase the sustainability practices as a differentiating element in Geoparks territories and to enhance the concerted approach of national and international promotion.



September 13th to 17th – 1st Youth Forum Seminar and Camp of UNESCO Global Geoparks. The 1st UNESCO Global Geoparks Youth Forum Seminar and Camp took place in Batur Geopark, Indonesia. Under the theme 'Youth for Climate Action in Geoparks', 38 delegates from all over the world participated in conferences with experts and in working groups dedicated to Education, Conservation, Sustainable Development and Local Communities. There were also 40 observers, young people from several national geoparks in Indonesia. The Portuguese Geoparks were represented by Rita Santos who participated in the event remotely.

September 16th - Meeting of the "Education" working group of UNESCO Global Geoparks - Portugal. This meeting was attended by representatives of the five Portuguese UNESCO Global Geoparks. The theme of the meeting was the joint educational program in the scope of the GEOfood Project. Manuela Catana represented Naturtejo Geopark in the meeting.



September 20th - Meeting of the working group "Biennium for Climate Action in Portuguese Geoparks. This meeting was attended by 11 participants from the several geoparks to discuss the planning of the educational activities and the capacity building action for technicians of the geoparks, under the scope of the project. Manuela Catana represented Naturtejo Geopark in this meeting.

September 24th and 25th - Great Transhumance Route comes to sleep in Alares. Every year, the Great Transhumance Route Association organises a three-stage transhumance route. The goal is to revive the memory of the times when the great flocks descended Estrela Mountain towards the pastures of the south. This year and once again the last stage culminated in the extensive plains of Rosmaninhal, in the middle of Naturtejo UNESCO Global Geopark. "Choças", the ancient temporary and transportable dwellings of the shepherds were recreated and the participants could stay overnight in these, in the village of Alares, today a ghost ruin. At daybreak, participants could follow the flock to the village of Rosmaninhal, through the old shepherding paths, always accompanied by the anthropologist Eddy Chambino, from the Municipality of Idanha-a-Nova and collaborator of the geopark. Lunch was served with local flavours, where the famous cheese of Beira Baixa produced by Queijaria Flores was tasted.



September 26th to 30th - 16th European Geoparks Conference. After a two-year pandemic hiatus, the European Geoparks Conference, organised this year by the Sesia Val Grande Geopark in Italy, returned. The event had 403 participants from 44 countries, around the theme 'Nature, Culture and Sustainability in Climate and Environmental Changes' and included communications, meetings, field trips, cultural moments and the European Researchers' Night.

Naturtejo Geopark presented oral and poster communications about GEOfood in the territory and about several network projects developed with the Portuguese Geoparks, namely the Scientific Research Catalogue, the Biennium for Climate Action, GEOfood and Digital Communication.

The Portuguese Geoparks also participated together in the GeoFair, a Geoparks showcase, which took place in the city centre of Verbãnia, open to the local community.

Naturtejo Geopark publicly received the 2020-2023 revalidation diploma, attributed in 2020, but due the pandemic, only now was delivered.

The Conference was preceded by the Coordination Committee of the European Geoparks Network Meeting, which brought together 94 Geoparks from 28 countries. This meeting was marked by the public debut of the new network coordination team, which opened the reflection to new forms of organization, collaboration and networking. The meeting also included a meeting between representatives of the national committees.

Parallel to the 16th Conference, the first face-to-face meeting of the IGCP 726 GEOfood for Sustainable Development in UNESCO Global Geoparks project took place. After two years of working remotely, the project members came together to share experiences and plan the next steps. The meeting had the special participation of Ozlem Adiyaman Lopes, specialist of the UNESCO International Geosciences and Geoparks Programme, who highlighted the relevance that this project has acquired in the context of the whole IGCP Programme. Naturtejo Geopark was represented by Joana Rodrigues.

September 28th - Participation in APGN Let's Do It: Sustainable Tourism. Carlos Neto de Carvalho was the guest speaker at the Asian Pacific Geoparks Network online event, whose theme was Sustainable Tourism. This event is once again organized by Hong Kong Geopark and the geoparks present had the opportunity to discuss developing tourism products.



September 29th – 2nd FISAS debated sustainable food in Idanha-a-Nova. DIDanha-a-Nova hosted the 2nd International Forum Relevant Territories for Sustainable Food Systems (FISAS). Organized by Naturtejo Geopark, the event counted with the partnership of Idanha-a-Nova Municipality and the Municipal Center of Culture and Development, putting food in the centre of the sustainability debate. Participants, including a delegation of Brazilian entrepreneurs and mayors, from the region of Rio Grande do Sul, could know the strategy of the region in the areas of agricultural production and sustainable development. The denominated Agrotec Portugal 2022 Mission, who went through some good examples in Portugal, was received by the President of Naturtejo and Idanha-a-Nova Municipality, Armindo Jacinto, who presented the potentialities and strategies that make this territory an international success case. Several projects, including GEOFood, were also presented to entrepreneurs and researchers from Idanha-a-Nova and from the territory of Naturtejo UNESCO Global Geopark. Carla Jacinto represented Naturtejo Geopark.

September 29th to October 1st - International Meeting of the International Association for Transhumance and Rural Paths. The International Meeting of the International Association of Transhumance Routes and Rural Paths took place for the first time on the island of Tenerife. It was organised by the General Directorate for Cultural Heritage of the Government of the Canary Islands with the International Association of Transhumance Routes and Rural Paths, with the support of the Canaria General Foundation of the University of La Laguna. The goal of this meeting in the city of La Laguna was to gather representatives of the entities and institutions recently associated to the TT&RR to discuss a common strategy for the continuation of the work related with the application to the Council of Europe. Representing Naturtejo Geopark was the expert on pastoralist themes Eddy Chambino.



September 30th - European Researchers Night. The European Researchers Night was celebrated under the theme SCIENCE FOR ALL - Sustainability and Inclusion. The initiative aims to bring researchers and citizens closer together and takes place simultaneously throughout Europe. The Science Route, in Coimbra downtown, involved more than 400 researchers and allowed to know the Portuguese UNESCO Global Geoparks, including Naturtejo Geopark.

Participants could test their knowledge with an interactive Quizz, by the researcher Soraia Costa, in an action promoted by CEGOT - Centre for Geography and Spatial Planning Studies from Coimbra University.

IMPACT OF GEOPARK IN MEDIA



Newspapers & www

September 5th (Ensino Magazine) – Phytosociology gathers international experts in Congress

September 6th (Diário Digital de Castelo Branco) – Proença-a-Nova: More participants in the activities of Living Science in Summer Network

September 7th (Gazeta do Interior) - Living Science in Summer Network attract more participants

September 8th (Reconquista) – Phytosociology – Agricultural School host international meeting

September 8th (Reconquista) - Living Science in Summer Network – searching the biodiversity of Alvito stream

September 15th (Reconquista) – Alma Azul: Photographer Pedro Martins' book presented on the anniversary

September 21st (Gazeta do Interior) – Pedro Martins invited to Alma Azul anniversary

September 29th (Reconquista) - AT THE CASTELO BRANCO AGRICULTURAL SCHOOL - Phytosociology brought together international scientists

September 29th (<https://salamancartvaldia.es>) - Arrebita Idanha Bio returns with twenty chefs, organic products and music

September 29th (Expresso-Boa Cama Boa Mesa) - Discovering Idanha-a-Nova, Creative City of Music

SCIENTIFIC CONTRIBUTIONS FOR THE GEO PARK AND THE GEOSCIENCES



- RIBEIRO, S., NETO DE CARVALHO, C., FIGUEIREDO, A., OLIVEIRA, H., PINTO GOMES, C., NETO, C. & COSTA, J.C. – Guia da excursão geobotânica à serra da Gardunha. Quercetea, 13, 5-79.

- BINNIE, S., NETO DE CARVALHO, C., CUNHA, P.P., PEREIRA, D., PEREIRA, P. & DUNAI, T. – The timing of formation of the Douro and Tejo rivers and implications for the evolution of the landscapes of central mainland Portugal. ICG2022-228. <https://doi.org/10.5194/icg2022-228>.

PROMOTION FOR THE GENERAL PUBLIC

- Guide of Educational Services 2022-2023 of the Partners of Guide of the Portuguese Geological and Mines Sites. EDM - Mining Development Company, SA and General Directorate of Energy and Geology.

1-2 OUTUBRO
IDANHA BIO
Penha Garcia ————— Idanha-a-Velha
+20 CHEFS

ARBITA
GASTRONOMIA LOCA SUSTENTÁVEL
IDANHA BIO

amuse bouche
UNESCO
UNESCO
UNESCO
CENTRO 2020
PROVERE CENTRO 2020
idanha.pt

JORNADAS do PATRIMÓNIO 2022
Património Geológico e Valorização do Território

15 OUTUBRO
MONTEMOR-O-NOVO
Auditório da Biblioteca Municipal Almeida Faria

9h30 Abertura
10h00 **PATRIMÓNIO GEOLÓGICO E VALORIZAÇÃO DO TERRITÓRIO**
Carla Nelson de Carvalho, Diretora do Geopark Naturtejo e Investigadora do Instituto Dom Luiz
10h30 **MONTEMOR-O-NOVO - TERRA DE MIGMATITOS**
Apresentação do projeto em curso, de valorização do Património Geológico do Rio Almansor (perímetro urbano da cidade de Montemor-o-Novo) por Icaro Dias da Silva (Investigador do Instituto Dom Luiz, Faculdade de Ciências da Universidade de Lisboa) e M. Francisco Pereira (Docente da Universidade de Évora, Investigador do Instituto de Ciências da Terra)
11h00 **DEBATE**
11h30 Pausa para café
12h00 **ASSINATURA DO PROTOCOLO DE COLABORAÇÃO**
entre a Câmara Municipal de Montemor-o-Novo, a Faculdade de Ciências da Universidade de Lisboa, FORTMIGMATITOS e a Universidade de Évora.
12h30 Almoço
14h
15h00 **VISITAS AO PATRIMÓNIO MONTEMOR-O-NOVO - TERRA DE MIGMATITOS**
Visita de campo aos afloramentos de migmatites do Rio Almansor
- Visita guiada com os geólogos Icaro Dias da Silva e M. Francisco Pereira
- Levar calçado apropriado para andar no campo.
- Duração Aproximada: 2h
- Participação livre, sujeita a inscrição no Posto de Turismo de Montemor-o-Novo / turismo@cm-montemornovo.pt / 266 898 103

INFORMAÇÕES:
pcultral@cm-montemornovo.pt

MONTEMOR O/NOVO
SABE MUITO BEM!

Dia Internacional da Geodiversidade:
Visita à Mina de Ouro do Conhal do Arneiro
6 de Outubro 2022

Visita Mina de Ouro Romana do Conhal do Arneiro
Ponto de Encontro Centro Interpretativo do Conhal, Monte do Arneiro dia 6 | 16 horas
Alojamento recomendado Monte do Pego – Casa de Campo (Conhal do Arneiro)
www.montedoego.com
Inscrição gratuita mas obrigatória
geral@naturtejo.com

naturtejo UNESCO
GEOPARK Geopark Mundial

PROMOTION FOR THE GENERAL PUBLIC

CAMINHADAS

Outono na Montanha 2022

Serra da Estrela e Serra da Gardunha

Sem número mínimo de participantes

anima tiva
Associação Turismo / Ecoturismo

16 de Outubro
Rota das Azenhas

30 de Outubro
Rota das Lagoas da Estrela

13 de Novembro
Rota das Gores de Outono

20 de Novembro
Rota dos Bosques Dourados

27 de Novembro
Passeio Micológico

18 de Dezembro
Rota das Cascatas

Apartir da identificação de cogumelos silvestres

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COVID-19 SAFETY SEAL

participam
naturejo
centro

resina.pt

ECO-FESTIVAL DAS ARTES E DOS ARTISTAS DO PINHAL
1 OUT - PARQUE DAS DEVESAS ALTAS, OLEIROS

Jogos do Helder

Moderação
Isabel Gaspar Dias (RTP)

SINZA convidam
Bernardo Alves

Poloma del Pilar

Daniel Pereira Cristo

Miguel Marques
Vice-presidente CM Oleiros

David Fonseca
(conversa / música)

Kritika Thakur
c/ grupo de Workshop

Álvaro Brandão Pinto
CEO Novenergia/GENERO

João Nuno Silva

Paulo Urbano
Naturtejo/Vereador CMO

Luis Antunes
CMT Bombalross V. Oleiros

Pinel RESINA
Colunista da plataforma RESINA.PT

DATA E LOCAL DO FESTIVAL
10 MAÇÃO | 1 OLEIROS | 8 OUT VILA DE REI | 16 OUT SERTÃO | 22 OUT PROJENÇA-A-NOVA

organizado por
PRIMÁRIAS | OLEIROS | MAÇÃO | VILA DE REI | SERTÃO | PROJENÇA-A-NOVA

patrocinado por
naturejo | unesco

REALP
XXIII Encontro da REALP
Ciências da Sustentabilidade
em Língua Portuguesa

11 > 15 outubro 2022
Tomar · Portugal
Campus · Instituto Politécnico de Tomar
www.xxiiiirealp.ipt.pt

organizado por
ipt Instituto Politécnico de Tomar
anos de Ensino Superior na Região

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FCT Financiamento para a Ciência e a Tecnologia

organizado por
naturejo | unesco

October 6th

INTERNATIONAL GEODIVERSITY DAY

Why does #GEODIVERSITY matter?

organizado por
naturejo | unesco

PROMOTION FOR THE GENERAL PUBLIC



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

ARREBITA IDANHA BIO
2. OUT. 2022
IDANHA-A-VELHA
12H-18H

Visit Naturtejo Geopark in:



www.geoparknaturtejo.com



www.facebook.com/geoparknaturtejo.mesetameridional



www.instagram.com/geopark_naturtejo/



www.youtube.com/geoparknaturtejo



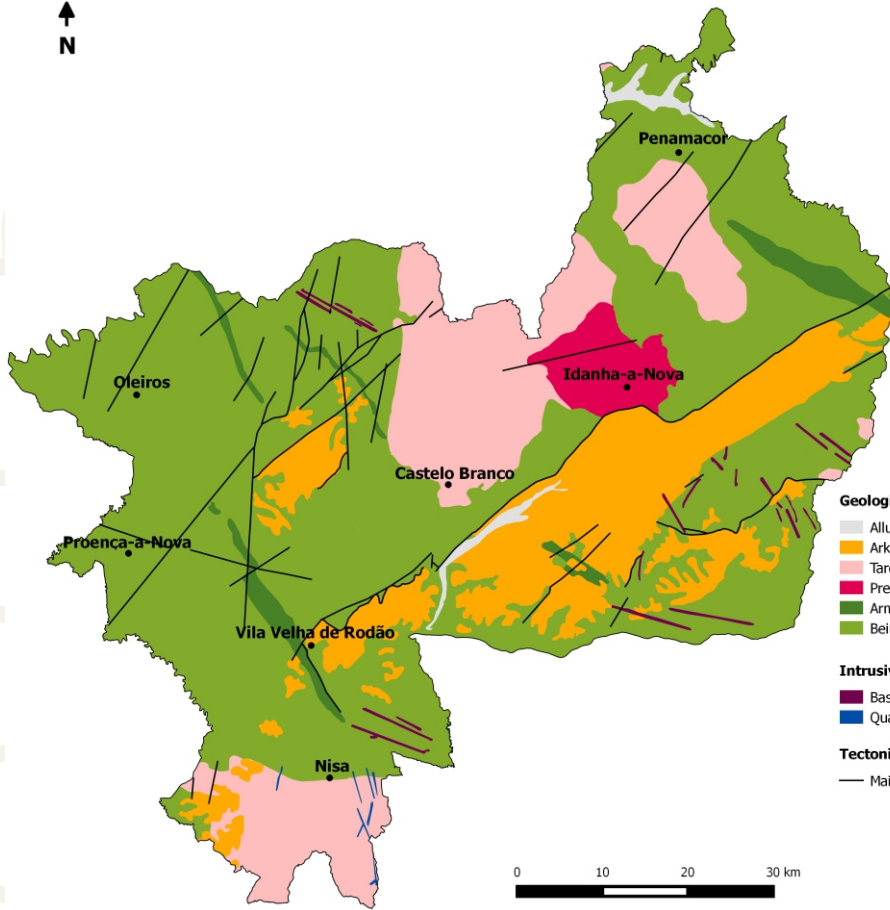
issuu.com/geoparknaturtejo



https://twitter.com/Geo_Naturtejo

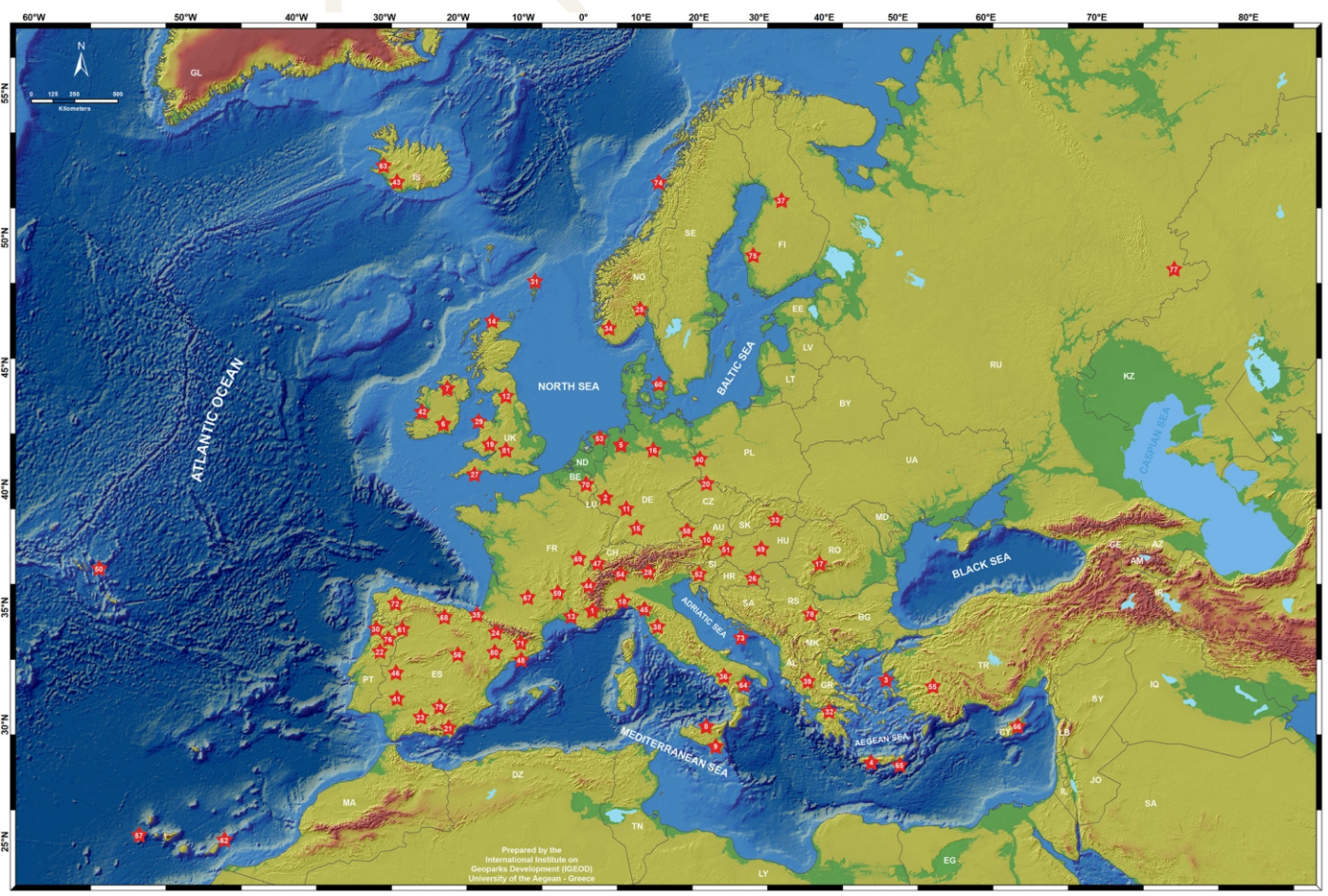


<https://www.linkedin.com/company/geoparknaturtejo/>



- 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

NATURTEJO UNESCO GLOBAL GEOPARK - E-MAGAZINE

