

GGN - Geopark Annual Report 2024

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Maestrazgo UNESCO Global Geopark, Spain, European Geoparks Network)

Year of inscription / Year of the last revalidation: 2020 / 2023

Sustainable management and protection of a Late Albian-Cenomanian dinosaur tracksite from Mosqueruela (Maestrazgo UNESCO Global Geopark, Teruel, Spain). Some of the paleontological knowledge dissemination actions undertaken at Mosqueruela municipality: a) Workshops for schoolchildren at school and b) activities for the educational community at "Mas de Pérez" tracksite. c) Open Day for visitors in this dinosaur tracksite with palaeontologist d) Interpretive panels at the paleontological site available in Spanish and English and e) Cover of publication which deals about the geotourism resources of the municipality (available online and printed through tourism offices).



2. GEOPARK FIGURES

Number of Geopark staffs: 2 staffs including 1 geoscientist (+ 19 Scientific Committee + collaborators).

Number of visitors: Pitarque Geosite Natural Monument (18,000); Montoro de Mezquita trail (17,000); Ejulve Interpretation Centre Maestrazgo Cultural Park (5,000), Alcorisa Tourist Office (5,000).

Number of Geopark events: Clarify the events held by management body and cooperative organization

Number of school classes realize Geopark educational programmes: 8 School Centers (Primary School and Secondary School) within the Educational program + Collaboration with Molina-Alto Tajo UGGp Educational Project.

Number of Geopark press release: 30 paper and online platforms (and many others through

articles related to the territory where the Geopark is mentioned), **3** TV programs, **12** Radio programs, 10 articles in tourism papers, **50** posts in Facebook, **50** in Instagram, **50** Twitter.

3. GEOPARK ACTIVITIES

Major achievements in 2024

- Geoparqueando 360 Project: new 3D glasses were delivered to the municipalities of Aliaga, Ejulve, Alcorisa, Mirambel, Molinos, Mosqueruela and Galve for their Tourism offices, presenting the project funded by the Government of Aragon, under the title “Geoparqueando 360º”.
- LEADER Project II: new paleontological action (research, development of educational activities for all audiences and local geotourism development). These new discoveries make this site the most relevant Upper Cretaceous site in the Iberian mountain range of Aragon. This research was funded by the Gobierno de Aragón (Spain) through the Research Group E04_23R FOCONTUR, Instituto Aragonés de Fomento, LEADER projects (Maestrazgo UGGp, Asociación de Desarrollo Gúdar – Javalambre y Maestrazgo –AGUJAMA- and Ayuntamiento de Mosqueruela), as well as Unidad de Paleontología de Teruel (Ministerio de Ciencia, Innovación y Universidades, Gobierno de España).
- Works of conditioning of the accesses to the Convent of the Servites of Ladruñan/ Development of Maestrazgo UGGp’s geological map (project under collaboration agreement signed at the time with the Directorate General for Urban and Regional Planning, under the heading “*Identity, Territory and Landscape*”, Government of Aragón).
- *I Natural Hazards Prevention Day* (Training Course). Mas de las Matas, 17th October 2024.
- *Maestrazgo UGGp’s XIX EGN Week* in 2024 with ten activities and the objective of bringing geology closer to all audiences. But not only centered on geology but also on nature, culture, science, education and sustainable development.
- XIII Edition of the Educational activity "*What is a Geopark for you?*" for schoolchildren reach in this edition the accumulative participation of 1,300 children. Awards Ceremony (Molinos, 7th June, 2024).
- IUGS recognized 100 new Geoheritage Sites, including the “*Alpine superposed buckle folds in Aliaga (Maestrazgo UGGp)*”, probably the largest and most original example of superposed buckle folding reported in the world, featuring the iconic La Olla anticline, with aerial views available through the Geoland Experience 360º project (ES-EN).
<https://360.geolandexperience.es/>
- New Geological Route (“Journey to the Center of La Zoma”). III Geopark Day in La Zoma (2019) sparked interest in ongoing local initiatives, and in 2024 textual and graphic content was designed to renovate and theme a short trail (PR-TE 104) highlighting the easternmost

Paleozoic rock outcrops of the Iberian Range, the oldest in the Maestrazgo UGGp (Spain).

Contribution towards GGN - Networking and participation

- EGN Week (29th May-9 june 2024). with 10 activities including exhibitions, fieldtrips, seminars, educational activities,
- Celebration of International Mountain Day (11 December 2024). With activities to all audiences and fieldtrip to “La Zoma” new Geo-route.
- Celebration of Geodiversity Day (6th October 2023). With activities to all audiences and a photo contest.
- World Tree and Forest Day in *Allepuz* and *Mezquita de Jarque* municipalities. Planting of trees and elms. 21th March 2023.
- Participation in the Spanish Geoparks Magazine, FITUR 2024. The contents of the magazine are available through the portal of the Spanish Geoparks Forum.
- Presentation of the Maestrazgo UGGp project at Stand Aragón FITUR 2024.January 26th 2024.
- Participation and presentation of the Maestrazgo Geopark in the IX Open Days of the Spanish Geoparks Forum in Granada UGGp. november 2024.
- Participation 49th Meeting of the Coordination Committee of the European Geoparks Network (EGN). Kula-Salihli UNESCO Global Geopark, Turkey 5-9th March 2024 (Hernández, A. & Mampel, L.).
- Gutiérrez, F. & Mampel, L. (2024). Geohazards in the Maestrazgo UNESCO Global Geopark (UGGp), Spain. En: Aytac, S., Mir, X., Amorfini, A., Delaby, S. (coord.). *Geohazards in European Geoparks*, 175 P. DOI: 10.37609/akya.1159.
- Hernández, A. & Mampel, L. (2024). Geoland experience 360°. A commitment to accessibility in the Maestrazgo Cultural Park UGGp, Spain. *17th European Geoparks Conference* 2024, Reykjanesbear (Islandia), 2-4 octubre, 2024.
- Mampel, L. (2024). Member of the scientific committee of the 17th European Geoparks Conference held in Reykjanesbear (Iceland), 2-4 October, 2024. <https://www.egn2024.is/page/4228810/scientific-committee>.
- Mampel, L. & Cobos, A., (2024). Paleoguía 05 (nivel básico-GEOturismo). *Huellas de dinosaurios en Mosqueruela*. Edición: Fundación Conjunto Paleontológico de Teruel-Dinópolis. 8 pp.
- Mampel, L. & Hernández, A. (2024). Maestrazgo UNESCO Global Geopark (Spain): Geoland experience 360°. *European Geoparks Network Newsletter* nº25 (jan-may 2024).
- Mampel, L. & Hernández, A. (2024). Maestrazgo Cultural Park UGGp (Spain). Probably the largest and most original example of superposed buckle folding reported in the world. *European Geoparks Network Newsletter* nº26.

Management and Financial Status

- The management body is an Association formed by 43 municipalities and 6 county councils.
- Meeting of the Scientific Comitte (Castellote). 14th February 2024.
- Meeting of the Board of trustees (Molinos). 15th March 2024.

Geoconservation

- Paleontological Action Plan Project in Mosqueruela and Puertomingalvo municipalities (Scientific advisor: Dinópolis Foundation).
- During the 2024 excavation campaign (Mas de Pérez tracksite, Mosqueruela, Maestrazgo UGGp, Spain), the site was enlarged by more than 100 square meters and new tracks were discovered, increasing the total number to 110 on a surface near 300 m2.
- In addition to the strictly paleontological work carried out, a 6.4 km long georoute was designed to reach Mas de Pérez tracksite, with the starting point at the tourist office of the municipality. Along the route, directional signs and information were installed to reach the site, as well as a rope and post fence around the paleontological site.
- Collaboration with the II Climbers Meeting at Ladruñán, Maestrazgo UGGp.

Sustainable tourism (Geotourism)

- *V Maestrazgo Geopark's Day* (Cuevas de Almudén). 13th march 2024. 110 participants. With a full program of events that includes exhibitions, fieldtrip, activities for children, music and popular food.
- *XI Geopark Maestrail 2024*. Organization of outdoor activities for the broad public developed by the Maestrazgo UGGp close to Geological areas. <http://www.maestrail.com/> (200 participants+50 volunteers). 8th june 2024.
- New touristic geo-route: Geological route La Zoma (Scientific advice from Dinópolis Foundation). Open day 13th December 2024.
- Geology&Music&Traveling exhibition (*Berge, La Mata de los Olmos, Cuevas de Cañart, Villarluengo*). 7th September 2024; 6th October 2024.
- Winter Festivities in the municipalities of the Maestrazgo UGGp.

New education programmes on geoconservation, sustainable development and disaster risk reduction

- Awards ceremony What is a Geropark for you? 2024 + Cultural event (music).
- Educational activity What is a Geopark for you? 2024: 200 participants.
- Maestrazgo UGGp Traveling exhibition (Cuevas de Almudén).
- A bird's eye view of the landscape. Workshops and didactic activity with scholars. December 2024.

Strategic partnership

- Collaborative project between Asociación Gúdar-Javalambre-Maestrazgo, Fundación

Dinópolis, and Maestrazgo UGGp for the evaluation and development of the paleontological potential of Mosqueruela municipality (LEADER Project).

- Collaboration agreement signed at the time with the Directorate General for Urban and Regional Planning (Aragon Government).

Promotional activities

- III Edition of La Mata Pork, Culture Fair in the rural environment. 27th September, 2024.
- II Food Products Fair (Fortanete) with music and animation, stands, talks. 6th April 2024.
- “Ejulve, Natural Tourism Destination model” Meeting 26th November, 2024.
- Maestrazgo UGGp Newsletter: “Boletín Geoparque del Maestrazgo, Geoparque Mundial de la UNESCO” [Maestrazgo Unesco Global Geopark]: Newsletter 8 2024.

4. CONTACTS

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