

Mixteca Alta UNESCO Global Geoparks GGN - Geopark Annual Report 2022

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Mixteca Alta UNESCO Global Geopark, Mexico, member of the Latinamerican and Caribbean Geoparks Network GeoLAC)

Year of inscription: 05/05 /2017; **Year of the last revalidation:** UNESCO mission: 8/05/2022; green card approved in September/2022 by the Geopark's Council; **UNESCO approval pending.**

Representative photo with caption (from the most important event this year)



Revalidation mission was carried out in May, 2022. Asier Hilario (Costa Vasca-UGG) and César Goso (Grutas del Palacio-UGG)

2. GEOPARK FIGURES

Number of Geopark staffs: Six based in Oaxaca, Geologist, Sociologists, Geographers, Forester and a Soil Scientist. Another six reserachers are based in Mexico City (UNAM).

Number of visitors: Due to the COVID-19 pandemics, visits restarted in March 2022. Number of visitors during 2022 was limited to around 800. Most of them were groups of both international and national university students, and occasional visitors.

Number of Geopark events: A total of 35 events were organized by the Geopark staff where local students (primary and secondary) and members of the communities participated, including field trips, workshops, courses.

Number of school classes realize Geopark educational programmes: Local workshops with children in relation to “The colors of the earth”, a course of Mixteco Language, participation in Science outreach events (Geopolis 3.0).

Number of Geopark press release: Around five notes regarding the Geopark as part of the cultural heritage of the State of Oaxaca, inclusion of the Mixteca Alta Geopark in the Tourism Law of the State of Oaxaca and the revalidation mission that took place in May 2022.

3. GEOPARK ACTIVITIES

Major achievements in 2022

- Revalidation mission of the Geopark (May 8-13).
- The main Interpretation center was relocated and re designed;
- Four new interpretation centers were created: three in the municipality of Santiago Tillo and one in Santo Domingo Tonaltepec (Casa de la Tierra).

Contribution towards GGN - Networking and participation

- Mixteca Alta UGG participated in a number of on-line events together with geoparks of the Latin American Network, some organized by the GeoLAC Network and the GGN.
- Participation in the Digital Course on UNESCO Global Geoparks 2022, UNESCO GLOBAL GEOPARKS and GEOTOURISM (November 2022).
- Participation of five members of the local communities of Mixteca Alta UGG in the SIXTH CONFERENCE OF THE GEOPARKS NETWORK OF LATIN AMERICA AND THE CARIBBEAN – GEOLAC (November).
- Participation in the GGN Advisory Committee.

Management and Financial Status

- Income from visitor was restricted to about U\$D 25000. Other income for research activities reached U\$D 10000. Additional budget was allocated by UNAM (annual contribution of U\$D 26000).

Geoconservation

- Signaling in the Geopark was totally renewed in all geosites.
- The training of local guides includes the prevention of the deterioration of sites.

Strategic partnership

- During 2022 Mixteca Alta acted as a member of the GeoLAC Comissions of Indigenous Peoples.
- Canada Geoparks Network Observer.

Promotional activities

- Participation in fairs, interviews in radio, newspapers and TV, new design of flyers and interpretative panels. Web page and Facebook (5303 followers).

Publications

- Orozco-Ramírez, Q., Lorenzen, M., Fernández de Castro Martínez, G., & Ramírez, C. (2022). Factores sociales y biofísicos de la transición forestal en el Geoparque Mundial UNESCO Mixteca Alta. *Investigaciones geográficas*, (108).
- Ramírez-Santiago, R., Clark-Tapia, R., del Pilar Fernández-Lomelín, M., Oropeza-Orozco, O., & Cram-Heydrich, S. (2022). Principales elementos de la geodiversidad que influyen en la vegetación leñosa del Geoparque Mundial UNESCO Mixteca Alta, Oaxaca. *Revista Mexicana de Biodiversidad*, 93, e934153-e934153.
- Rosado-González, E. M., Castillo, F. X. F., Palacio-Prieto, J. L., & Sá, A. A. La Investigación-Acción Participativa como estrategia clave en la consolidación y gestión de los Geoparques Mundiales de la UNESCO: los casos del Mixteca Alta Geoparque Mundial de la UNESCO (México) y del Minero Litoral del Biobío Geoparque Aspirante (Chile).
- Orozco-Ramírez, Q., Lorenzen, M., Fernández de Castro Martínez, G., & Ramírez, C. (2022). Social and Biophysical Factors of the Forest Transition in the UNESCO Mixteca Alta Global Geopark. *Investigaciones geográficas*, (108).
- López, E. O. (2022). Turismo y organización social como alternativas frente al extractivismo y despojo territorial en Oaxaca. *Carta Económica Regional*, (129), 51-70.
- González, E. M. R., Castillo, F. X. F., Palacio-Prieto, J. L., & Sá, A. A. *Museologia e Patrimônio*, Vol. 15, No 1 (2022).
- Dobler-Morales, C., Lorenzen, M., Orozco-Ramírez, Q., & Bocco, G. (2022). Beyond a generalized deagrarianization: Livelihood heterogeneity and its determinants in the Mixteca Alta, Mexico. *World Development*, 160, 106074.
- Orozco-Ramírez, Q., R. Ramírez-Santiago, M.A. Cruz Ramírez y I.R. Estrada Herrera (2022) *Vegetación del Geoparque Mundial UNESCO Mixteca Alta, Geografía para el Siglo XXI, UNAM.*
- Orozco-Ramírez, Q.(2022) , R. et al (2022) *Guía de actividades escolares de campo del Geoparque Mixteca Alta, Geografía para el Siglo XXI, UNAM.*

4. CONTACTS

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