



GEOLAC REPORT YEAR 2020

... strengthening the construction of pathways for sustainability and inclusion in Latin America and the Caribbean...



Oficina de Montevideo
Oficina de Montevideo
 Oficina Regional de Cooperación para la Cultura y el Arte



United Nations
 Educational, Scientific and
 Cultural Organization



GEOLAC REPORT 2020

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I. INTRODUCCION

The GEOLAC NETWORK, as of March 2020, the date on which most countries face the beginnings of the pandemic, begins the development of an active work agenda through digital platforms. This mechanism has allowed for permanent coordination and has strengthened the articulation between the members of the Network and the Network with many aspiring projects and new initiatives of Geoparks in Latin America and the Caribbean.

In this period the GMU of LAC adapt to the modality of virtual work, actively collaborate in their territories in the health emergency. Communication initiatives are generated in the care of people and their communities. In the same way, the teams are reorganized to maintain permanent contact with the inhabitants of the territory and advance in face-to-face activities as far as possible according to the indicators of each locality that is part of each of the Geoparks. Some with advances and setbacks in quarantine measures.

All the GCUs, as well as the aspiring geoparks and projects have stated that in this context of health emergency there has been a significant increase and with a positive evaluation the coordination in the execution of many activities that the Network and the PIGG have permanently supported, as well as the coordination that has occurred directly between Geoparks.



II. SYNTHESIS GEOLAC MILESTONES 2020

2.1 Sessions of the Coordination of the Red Geolac,

During the year, plenary activities are held among all the members of the RED as detailed below.

- 4 Plenaries (ordinary and extraordinary) with all the member members
- Monthly Sessions of the Network Coordination
- Sessions Working Groups (Gender and Indigenous Peoples)

2.2 Incorporation of Rio Coco Nicaragua World Geopark to the Network. First GMU in Central America



2.3 Working Groups :

During the year 2021, the operation of 2 working groups begins. Whose operation will be framed in the definitions of the GGN for its conformation.

2.3.1 Gender Working Group: Some actions

The Gender Group composed of the Geoparks of Araripe, Comarca Minera, Colca y Volcanes de Andagua, Imbabura, Kütralkura, Grutas del Palacio and Río Coco. The coordination is carried out by Río Coco.

Digital Training. Those that have had the participation of specialists from the different GMU that make up the working group.



2.3.2 Indigenous Peoples Working Group: Some Actions

During this period, the agenda for the formation of the Working Group is strengthened. 4 working sessions are held between the PIGG Unesco Montevideo (Ms. Denise Gorfinkiel) and the GMU to define contents of a **Webinar Cycle Cosmivision of Indigenous Peoples for Inclusive and Sustainable Development in the territories of Geoparks (August 28-29)**

All the UGGs of LAC and representatives of native peoples of the GMU of Mixteca Alta (Xotchil Ramirez, Tomasa Bautista), Imbabura (César Cotachi, Cristina Males), Colca Andagua and Volcanes, Araripe (Vanda Cariri), RíoCoco (Juan José Velazquez), Grutas de Palacio (Group of people of indigenous identity recovery group) and Kütralkura (Eddio Cariman – Ingrid Nahuelcura), the latter shares singing – a young Mapuche Pewenche. Activity that had more than 7,300 visits according to the statistics collected by the platform of the Geoheredness Seminar of the Unam/Sugeo

And as noted in the statement, with this activity *"we also endorse one of the main mandates of unesco's World Geoparks: to actively involve indigenous peoples, preserving and celebrating their culture to nourish and give a unique impact to our territories.*

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GEOPARQUES MUNDIALES UNESCO *Territorios De Resiliencia*

Geowebinar: 27 y 28 de Agosto

Cosmovisión de los pueblos originarios y el desarrollo sostenible en los territorios de los Geoparques de América Latina y el Caribe

Colabora: Te invitamos:

Horario:

- Nicaragua 09:00 hrs
- México / Perú / Ecuador 10:00 hrs
- Chile 11:00 hrs
- Uruguay / Brasil 12:00 hrs

GeoparquesLAC | redgeolac | WWW.REDGEOLAC.ORG

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GeoparquesLAC | redgeolac | WWW.REDGEOLAC.ORG

2.4 Geolac Network activities in coordination with PIGG

a) Third anniversary of the Geoparks Network of Latin America and the Caribbean (May26)

Caja de conferencias con motivo del:

3er. Aniversario de la Red de Geoparques de América Latina y el Caribe (Red GeoLAC).

26 de mayo, 2020.

13:00 hrs. (México, Ecuador y Perú)
14:00 hrs. (Chile)
15:00 hrs. (Brasil, Uruguay)

LIVE @redgeolac @SUGEO-Geoparques

b) Webinar Cycle Geoparks Territories of Resilience (May and June)

Activity carried out in conjunction with the International Program of Geosciences and Geoparks PIGG that programs it. Two sessions are held on May 13 and June 17.

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Oficina de Montevideo
CICLO DE WEBINARS

GEOPARQUES MUNDIALES DE LA UNESCO

Territorios de Resiliencia

Miércoles 13 de mayo 2020
11:30 - 13:30 hs (Uruguay, Brasil)
9:30 - 11:30 (México)

Ponentes:
Geoparque Mundial de la UNESCO Araripe: Patrício Melo
Geoparque Mundial de la UNESCO Comarca Mineira: Carlos Carret
Geoparque Mundial de la UNESCO Mixteca Alta: José Luis Palacios
Geoparque Mundial de la UNESCO Grutas del Palacio: Eugenio Bidondo

Moderador:
Denise Gorfinkiel, Programa Internacional de Geociencia y Geoparques UNESCO Montevideo

Oficina Regional de Ciencias para América Latina y el Caribe

Ciclo de webinars

Miércoles 17 de Junio
11:30 hs UY

Geoparques Mundiales de la UNESCO: territorios de resiliencia

Apertura:
Saadía Sánchez Vega, Directora de la oficina de la UNESCO en Quito y Representante para Bolivia, Colombia, Ecuador y Venezuela

Ponencias:
Coordinador Red GeOLAC
Geoparque Mundial de la UNESCO Imbabura
Geoparque Mundial de la UNESCO Kutxaikura
Geoparque Mundial de la UNESCO Colca y Volcanes de Andagua
Geoparque Mundial de la UNESCO Rio Chico

Moderador: Geoparque Mundial de la UNESCO Grutas del Palacio

Organiza:
Programa Internacional de Geociencia y Geoparques, UNESCO Montevideo

Link: <https://zoom.us/j/97451881145>

Recording

Participants visible in the grid:

- Denise Gorfinkiel
- José Patricio
- Saadía Sánchez
- Carlos Merizal
- Eugenio BIDONDO
- Cristina Males
- Monica Bueno
- Cesar Goso
- Patricia Herrero
- Manuel Schilling
- bzavala
- Jose vega Bello
- Helga Chulepin
- Sadith C. Figue
- Héctor Luis Lac
- Francesc Xavi
- Pape Sellés
- Karen Cárdenas
- Serrana
- James Posso
- Marcelo Bazan
- Laura Lazo
- Marcos Nascime
- Fabiana Pereyra

2.5 Activities in which Red Geolac shares experience and supports its development

a) Regional Workshop on Geoparks in Central America – UNESCO World Geoparks Programme – Unesco Costa Rica Office with support From Unesco Office Montevideo. 24 -25 September . Members of the GeolacNetworkCoordination.



b) UNESCO Transnational Geoparks Workshop: Tacaná Volcano Transnational Geopark Project, Mexico-Guatemala", 27-28-29 October



Taller Geoparques Transnacionales de la UNESCO: proyecto Geoparque transnacional Volcán Tacaná México - Guatemala

GMU Mixteca Alta and Comarca Minera from Mexico, GMU Rio Coco from Nicaragua, GMU Kütralkura from Chile participate.

Highlightsthis event and especially the participation of the Network in the panel, "Importance of UNESCO World Geoparks, the vision of indigenous peoples; Development of alliances within the Geoparks, how to involve local communities?;

In which together with Denise Gorfinkiel,Red Geolac, Coordinator Patricio Melo Pereira and Unesco Mixteca Alta World Geopark and Unesco Kütralkura World Geoparkparticipate.

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This panel had the important participation of Ms. **Rigoberta Menchu** - Nobel Peace Prize 1992 and UNESCO Goodwill Ambassador.

In his conversation he relieves geoparks as sites for respect for the nature of Mother Earth and argues that Geoparks are historical memory. That the main challenge is "Preservation for the life of humanity" and emphasizes that indigenous peoples know how to listen to the "cry of the Earth", As a proposal it proposes to reinforce the thematic table of indigenous peoples and work with children's stories (children's stories) which is something that works for some time.

Listening and sharing in this panel for the GMU at the invitation of the PIGG of Montevideo has been a privilege and a great opportunity for the GMU members of the group of indigenous peoples to reinforce and reorientwork pledges.



c) "Quarantine with Geosciences: The week of Unesco World Geoparks. June 22-28 . GMU Mixteca Alta, Kütralkura, Grutas de Palacio, Imbabura, Río Coco, Araripe participate. Projects Aspirant Serido Geopark of Brazil, Napo Sumaco Aspirant Project of Ecuador, Tungurahua Aspirant Project of Ecuador and Geoparks Project of Chile Cajón del Maipo and Petorca.

European Geoparks of Spain, GMU Basque Coast, Prof Brilha and Guy Martini participate,

Organized by: Sociedad Geológica Colombia, Sociedad Geológica de Chile, Escuela Nacional de Ciencias de la Tierra (Unam/Sugeo), Universidade Austral de Chile, Universidad EAFIT Colombia, GMU Mixteca Alta, Kütralkura, Proyecto Geoparque Volcán del Ruiz Colombia, Proyecto Geoparque Cajón del Maipo Chile and the important support of the UNAM.

The exchange of experience of theGMU in the panels called "Meet the Geolac Network" standsout.

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CUARENTENA CON GEOCIENCIAS PRESENTA

La Semana de los Geoparques Mundiales de la UNESCO
22 al 28 de junio - 2020

VIERNES 26 DE JUNIO:

Participación comunitaria en los Geoparques

Los Geoparques responden:
11h (Col, Méx, Per, Ecu), 12h (Chile, Nic), 13h (Uru, Br)

José Angel Sánchez,
Geoparque Mundial de la UNESCO
Las Loras, España

Carlos Merizalde,
Geoparque Mundial de la UNESCO
Imbabura, Ecuador

José Luis Palacio,
Geoparque Mundial de la UNESCO
Mixteca Alta, México

Conoce la Red GEOLAC
17h (Col-Méx-Per-Ecu), 18h (Chile, Nic), 19h (Uru, Br)

Geoparque aspirante Río Coco,
Nicaragua

Geoparque Mundial de la UNESCO
Mixteca Alta, México

Proyecto Geoparque
Valle de Petorca, Chile

https://zoom.us/j/99006846913
Canal Cuarentena con Geociencias

Modera:
Juan Pablo Arbeláez

d) Cycle of Geowebinars of working groups and GMU

1.- With the participation and support of the Geolac Network and the PIGG, different activities are carried out in the GMU during the year 2020 that will be informed by each of the Geoparks

Webinar Cycle in Chile and Colombia

GEOPARQUES DE CHILE
Ciclo de GEOWEBINARS - Julio 2020

PATRIMONIO GEOLÓGICO 10 de Julio
GEOCONSERVACIÓN 10:00 - 11:00 (Chile)

Proyecto Geoparque Pilemaque - Tardí Sifuri y Biología Pérez
Proyecto Geoparque Caño del Huevo - Carolina Yáñez
Sociedad Geológica de Chile - Manuel Schilling

Canal: Geoparques de Chile
Facebook: Geoparques de Chile

GEOPARQUE KÜTRALKURA
Ciclo de Encuentros y Saberes del Geoparque Kütralkura

Viernes 19 Junio a las 10.00 - 11.30 hrs

Bienvenida y Saludo AMCA- Geoparque Kütralkura - Presentación Programa

Saludo e intervención: Dra. Denise Gorfinkel, Responsable del Programa Internacional de Geociencias y Geoparques para la Oficina Regional de Ciencias de la UNESCO para América Latina y el Caribe

Patrimonio natural y cultural del Geoparque Kütralkura para el desarrollo Sostenible - Expose Manuel Schilling, Coordinador Científico, U. Austral de Chile

Turismo, Crisis y resiliencia: el COVID-19 en La Araucanía y las voces de los actores. Expose: Pablo Martínez, Universidad de la Frontera, Centro de Investigaciones Territoriales CIT

Diseño de experiencias educativas y Turísticas del Geoparque Kütralkura. Expose: Manuel Gadea, Director Carrera Turismo Sostenible, U. Magro, Sede Temuco

UNITE A LA REDDION
MTPA / JORNADA: 2020.07.10.13.00-14.00
DE 10:00 A 11:30

GEOPARQUE
VISIÓN EDUCATIVA

INVITA
A LA CAPACITACIÓN

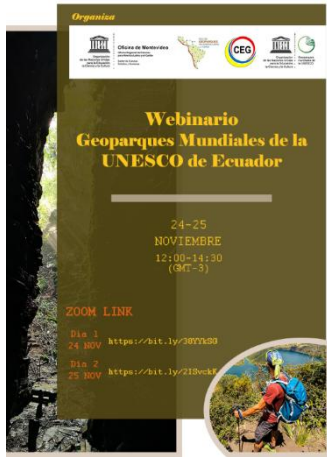
RED DE GEOPARQUES AMÉRICA Y GEOPARQUES COMO MODELO DE DESARROLLO

LUNES 22 JULIO 17H00

PATRICIO MELO
CAPACITADOR

Organizan:

Cycle Webinar Geoparks Ecuador



GMU Mixteca Alta 5 -7de Mayo Anniversary Webinar Cycle: this is one of the first digital exchange activity.

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Facebook live en: Instituto de Geografía, UNAM

Programa de actividades 6 de mayo de 2020

3º Aniversario del Geoparque Mundial UNESCO Mixteca Alta

Miércoles 6 de mayo de 2020

Horario	Título	Ponentes
10:00-10:30 hrs.	Mensaje de la Red de Geoparques de América Latina y el Caribe	Patricio Melo, Coordinador de la Red de Geoparques de América Latina y el Caribe
10:30-12:00 hrs.	Situación de los Geoparques en el mundo ante la pandemia del COVID-19	Ángel Hernández, Geoparque Mundial UNESCO Maestrazgo; Carlos Carvalho, Geoparque Mundial UNESCO Naturtejo; Javier López Caballero y José María Barrera, Geoparque Mundial UNESCO Villuercas Ibores Jara; Eugenio Bidondo, Geoparque Mundial UNESCO Grutas del Palacio; Patricia Herrera, Geoparque Mundial UNESCO Kutrakura; Xóchitl Ramírez, Geoparque Mundial UNESCO Mixteca Alta, Denise Gorfinkiel, UNESCO Montevideo
12:00-12:45 hrs.	El Geoparque Mundial UNESCO Mixteca Alta visto por sus habitantes	Miembros de la comunidad
12:45-13:15 hrs.	El uso y la costumbre en nuestro Geoparque	Francisco Gómez López, Santa María Suchitán

2.6 GEOLAC Projects 2020 – PIGG Unesco Montevideo

- a) **Registration Open Forum of Sciences in Latin America and the Caribbean -CILAC Buenos Aires 2020 to Thematic table.** Proposed theme: UNESCO World Geoparks in Latin America and the Caribbean; challenges in educational programs in contexts of multiculturalism, agenda 2030 for inclusive and sustainable development.

Area: Citizen Science

Modality: commented exhibition with the participation of GMU professors and representatives of the Technical and Scientific Committee (at least 3 representatives for Geoparks)



- b) **Project: Training of Trainers in Natural and Cultural Heritage of the Unesco World Geoparks of the Geolac Network.** Project formulated by the Geolac Network, GMU Imbabura, Rio Coco, Mixteca Alta, Araripe and Kütralkura, Initiative submitted to the IDB Public Goods 2020 contest. Project not selected, it is proposed to continue working as an initiative of the Geolac Network.

It was not funded. However, the basis of this initiative will be an input to continue developing 2021 in the line of action of strengthening competencies and generating training support from Geolac itself.

2.7 Networkcommunication is Social

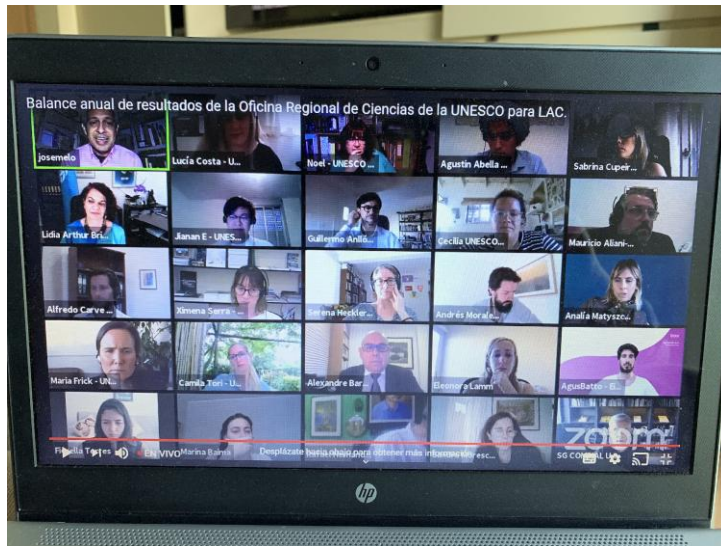
The activities of the GMU and LAC projects are disseminated in red Geolac social networks and also in watsapp of LAC initiatives where more than 100 people participate who share their experiences on a permanent basis.

In our networkswe also remember and make visible activities on important days linked to the 3 pillars of the Geoparks.

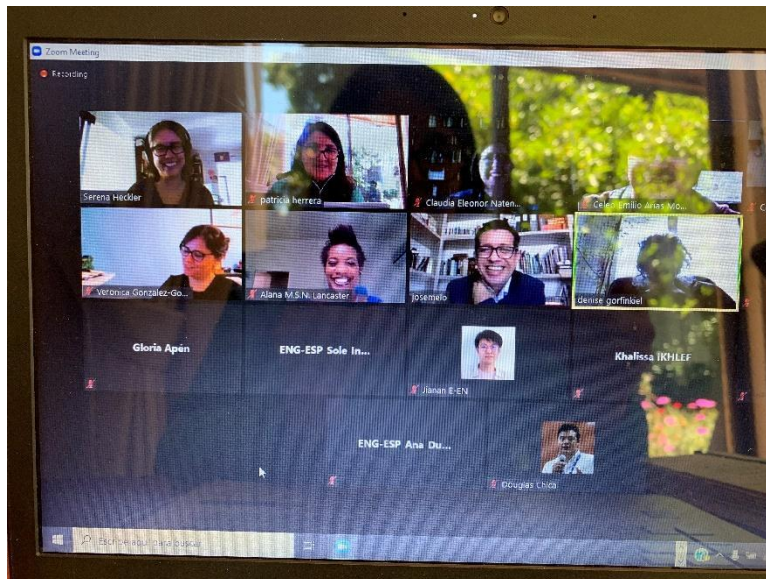


2.7 Geolac Network in GGN Digital Forums, working groups and other activities

1. **Digital Course of Unesco Geoparks between the days of 10 to 26 June.** Members of the Network and aspiring projects and projects from different countries participate in this course. Follow-up sessions have been held the last of them on November 2.
2. **Call 1st Digital Forum GGN 17 -18 November 2020**
3. **Participation in the Annual Account of unesco Montevideo Office (3 Dec 2020)**



4. **Technical Advisory Group—Climate Change, Risk and Resilience Platform latin America and the Caribbean of UNESCO sites. GATEC in which the UNESCO Biosphere Reserve and Geoparks sites participate,** in the case of the Geoparks they postulated their participation in conjunction with the Geoparks of Araripe, Comarca Minera and Kütralkura. The first meeting is held between September 14 and 16 and the rest of the year sessions that have allowed progress in the definition of lines of action.



Annex Good Practices highlighting the GMU



Geoparques Mundiales Unesco: Territorios de Resiliencia



ACCIONES DE LOS GEOPARQUES DE AMERICA LATINA Y EL CARIBE AÑO 2020

Celebrando el patrimonio de la Tierra – Sosteniendo comunidades locales



PROJETO GEA-TERRA MÃE



O projeto GEA – Terra Mãe vem sendo desenvolvido pelo Araripe Geoparque Mundial da UNESCO desde o ano de 2013 se utilizando de temáticas recomendadas pela UNESCO desde ano de 2014 com o tema Desertificação. Na sequência foi trabalhado Solos em 2015; Leguminosas em 2016; Turismo Sustentável em 2017; Mudanças Climáticas em 2018; Cidades e Comunidades Sustentáveis em 2019 e Igualdade de Gênero em 2020. Todo o trabalho vem sendo desenvolvido de forma integrada e mesclando, com equilíbrio, as três dimensões do desenvolvimento sustentável: a ambiental, social e econômica.

O projeto tem como objetivo incentivar e estimular professores e estudantes e de forma indireta gestores públicos e a população em geral do território do Araripe a atuarem de forma cooperativa para o desenvolvimento das Geociências em benefício da Sociedade;



- Roads, connectivity within the Geopark, Federal support.

Impulso al Grupo de Igualdad de Género de la Red GeoLAC.
 "Apoyando el ODS 5"



Redacción de Plan Estratégico



<https://www.youtube.com/channel/UCo2wAV-n22mx6X1u-KOKOuQ>



Un viaje que mediante su recorrido logremos: Pasear + Aprender + Transformar *A trip that through its journey we achieve: Walk + Learn + Transform*

- ▶ CIENCIAS DE LA TIERRA
EARTH SCIENCES
- ▶ PATRIMONIO NATURAL
NATURAL HERITAGE
- ▶ MEDIO AMBIENTE
ENVIRONMENT
- ▶ PRODUCCION NATURAL Y RESPONSABLE
NATURAL AND RESPONSIBLE PRODUCTION
- ▶ ECONOMIA CIRCULAR
CIRCULAR ECONOMY

“Entramos siendo TURISTAS, Salimos siendo CONSERVACIONISTAS” *“We enter being TOURISTS, we leave being CONSERVATIONISTS”* Disponible en: www.geoparque.org



Presentación de la Guía Turística Educativa del Geoparque UNESCO “Grutas del Palacio” – 22 de Octubre de 2020 *Presentation of the Educational Tourist Guide of the “Grutas del Palacio” UNESCO Global Geopark - October 22, 2020*

Promoviendo la sostenibilidad ambiental en las diferentes georutas y geositios a través del turismo responsable, reconocido a nivel internacional a través del reconocimiento por Green Destination como “Destino Sostenible” y en el proceso de postulación para conseguir el sello de “Safe Travel” (Viaje seguro).

- Se realizaron campañas de limpieza en la georuta turística Cabanaconde – Oasis Sangalle: 27 de enero; y mantenimiento al Geositio: Géiser de Pinchollo, 12 de enero. Teniendo la participación activa del personal de AUTOCOLCA.



Tierra de colores de la comunidad de Icalupe



Jurado en el patio de la vivienda ganadora

Nombre – Protección del Patrimonio inmaterial
Fecha - Noviembre 2020
Descripción: Se realiza un evento para promover los saberes ancestrales de la comunidad de Icalupe, en la que los habitantes utilizando la tierra de colores con la que decoran sus casas, han concursado creando diseños vinculados a los geositos de su comunidad, para promocionar el Geopatrimonio.



Grupo de trabajo volcán Cubilche en una actividad realizada el 16 de octubre 2020 a 3.828 msnm. Las mujeres en imagen son AMIGAS del proceso Geoparque Imbabura.



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Association of Municipalities of the Kütralkura Geopark delivers 1600 compost bins and trains users

Contributing to food security in rural communities through the composting of organic waste.