

UNESCO GLOBAL GEOPARKS International Geoscience and Geoparks Programme



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Eagras na Náisiún
Aontaithe Oideachais,
Eolaíochta agus Cultúir

• Geopháirceanna
• Domhanda
• UNESCO

UNESCO Heritage Designations/Labels (2017)

World Heritage Sites:

1073 in 167 countries
(including 206 natural & 35
mixed sites: 18 criterion viii
only, 90 including criterion
viii)

Man & Biosphere Reserves:

669 in 120 countries

UNESCO Global Geoparks:

140 in 38 countries



*Açores, Portugal
Nine Islands
One UNESCO Global Geopark
Four Biosphere Reserves
Two World Heritage Sites*



UNESCO GLOBAL GEOPARKS

UNESCO Global Geoparks are single, unified geographical areas where sites and landscapes of international geological significance are managed with a holistic concept of protection, education and sustainable development.



IS A GEOPARK JUST ABOUT GEOLOGY?

Zhangjiajie UNESCO Global Geopark, China

No! While a geopark must demonstrate geological heritage of international significance, the purpose of a geopark is to explore, develop and celebrate the links between that geological heritage and all other aspects of the areas natural, cultural and intangible heritages. It is about reconnecting human society at all levels to the planet we all call home and to celebrate how our planet and it's 4,600 million year long history has shaped every aspect of our lives and our societies.



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UNESCO GLOBAL GEOPARKS

Networking



EGN CC Meeting, March 2017, Burren & Cliffs of Moher UGGp, Ireland

There are 140 UNESCO Global Geoparks spread across 35 countries and 5 continents. This includes 73 in Europe as part of the European Geoparks Network (founded in 2000), 59 in the Asia-Pacific region as part of the Asia-Pacific Geoparks Network (founded in 2009) and 4 in GeoLAC (the Latin America and Caribbean Geoparks Network founded May 2017).



UNESCO GLOBAL GEOPARKS

Geoparks hold records of past climate change and have therefore play a key role locally in informing on the current debate on present day climate change.

Many geoparks are in tectonically active areas of the world where they have a crucial role in helping mitigate geo-hazards through awareness raising and building disaster response strategies.

Many geoparks are former mining areas, areas where local culture has been shaped, often for generations, by exploitation of natural resources. Geoparks therefore are obliged to inform about the need to ensure best practise in natural resource exploitation.



Lesvos Island UNESCO Global Geopark Greece



Organisasi Persatuan
Bangsa-Bangsa untuk
Pendidikan, Ilmu Pengetahuan
dan Kebudayaan

Taman-Taman
Bumi Dunia
UNESCO

GEOPARKS ARE PEOPLE

UNESCO Global Geoparks are about people and conceptualise community participation to reach far beyond the mere involvement of local stakeholders. They are about building community ownership, empowerment, sense of pride.

UNESCO Global Geoparks consider their residents as experts of their territory and as “Geopark Ambassadors”

UNESCO Global Geoparks use the reflection of a territories' Earth heritage in traditions, local tales, songs, hand craft, indigenous knowledge and land use techniques, in local dialect and architecture to build inclusive sustainable regional development strategies.



Organizacja Narodów
Zjednoczonych do
Spraw Oświaty, Nauki i Kultury

Światowe
Geoparki
UNESCO

GEO PARKS: Communicating Geoscience

Local Ranger Training



Kid's Clubs



Conserving & Protecting our Geodiversity

Active geoconservation



Innovative Museums



联合国教科文组织



联合国教科文组织
世界地质公园

GEO PARKS: Communicating Geoscience

...make it fun



Helping schools...



Organizace Spojených
Národů pro Výchovu,
Vědu a Kulturu • Globální
Geoparky • UNESCO

GEO PARKS: Communicating Geoscience

Art & Geology: Stop and Ponder



Bridge between continents



국제연합 교육,
과학,
문화기구



유네스코
세계지질공원

GEPARKS: Support Local Enterprise



Lesvos Island UGGp
Women's Cooperative

Qeshm Island UGGp
Womens Cooperative



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• Światowe
• Geoparki
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GEO PARKS: Support Local Enterprise



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- Geoparki
- UNESCO

The Burren Food Trail,
The Burren and Cliffs of Moher UGGp

GEOPARKS: Support Local Enterprise



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Arequipa Aspiring UGGp, Perú

GEOPARKS: Support Local Enterprise



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Katla UNESCO Global Geopark, Iceland

UNESCO GLOBAL GEOPARKS

Application Process

The application (precise details are on UNESCO's website) must be submitted between October 1 – November 30 to UNESCO.

A summary of each new application is placed on UNESCO website for 3 months – the intergovernmental check

Geological value reviewed by IUGS

Evaluation mission between May 15 – August 15.

Evaluation discussed by UNESCO Global Geoparks in September – they can accept, defer or reject,

Final approval is by UNESCO's Executive Board the following April.



Chablais UGGp, France



Tổ chức Giáo dục
Khoa học và Văn hóa của
Liên hiệp quốc



Các Công viên Địa chất
Toàn cầu của
UNESCO

In the case where an applying area overlaps with a World Heritage Site or Biosphere Reserve, the request must be clearly justified and evidence provided for how UNESCO Global Geopark status will add value by being both independently branded and in synergy with the other designations.

UNESCO GLOBAL GEOPARKS

Revalidation Process

An area is only designated as a UNESCO Global Geopark for four years after which it must undergo a revalidation process.

A full progress report must be submitted three months before the revalidation mission.

Revalidation mission by 2 experts to occur between May1 - August 15.

Revalidation report to be discussed by UNESCO Global Geoparks Council.

Result can be “green, yellow or red card.”

Council can revoke status of any UNESCO Global Geopark at anytime if it cannot undergo revalidation or if it is in clear breach of the guidelines. Similarly, a Member States of UNESCO can delist a UGGp at anytime.



Sobrarbe UGGp, Spain



UNESCO GLOBAL GEOPARKS

In 2017, the UNESCO Global Geoparks Council examined 16 new applications and 2 previously deferred applications. They decided to approve the following as UNESCO Global Geoparks:

Beaujolais, France
Cao Bang, Viet Nam
Ciletuh-Palabuhanratu, Indonesia
Conca de Tremp-Montsec, Spain
Famenne-Ardenne, Belgium
Gangwushan-Nuoshuihe, China
Huanggan Dabieshan, China
Izu Peninsula, Japan
Ngorongoro-Lengai, Tanzania
Mudeungsan, Republic of Korea
Percé, Canada
Rinjani-Lombok, Indonesia
Satun, Thailand



These decisions were approved at the 204th session of UNESCO's Executive Board in April 2018.



United Nations
Educational, Scientific and
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- UNESCO
- Global
- Geoparks

Many thanks to the Zhijindong UNESCO Global Geopark for generously hosting the 2017 UNESCO Global Geopark Council meeting in China.

UNESCO GLOBAL GEOPARKS

During the period October-November 2017, UNESCO received 21 new applications from areas wishing to become UNESCO Global Geoparks plus 2 extension applications of more than 10%.

Summary sheets of all 23 applications are presently online for a three month period for Member States to view.

These summaries were presented to Member States of UNESCO in February 2018

The geological section of all 23 applications have now independently evaluated through the global geoscience networks of IUGS.

So long as no objections are received, all applications will be subject to a field inspection between May 15 – August 15. An additional 33 UNESCO Global Geoparks will also be revalidated during this period.



Conmarca Minera UNESCO Global Geopark, Mexico



UNESCO Activity	Estimated financial benefit per year	Number of Sites if appropriate	Estimated financial benefit per designation
World Heritage Sites	61.1 M GBP	28	2.2 M GBP
Global Geoparks	18.8 M GBP	6.5	2.9 M GBP
UNITWIN/UNESCO Chairs	2.9 M GBP	16	0.18 M GBP
Biosphere Reserves	2.3 M GBP	6	0.38 M GBP
Everything Else	4.3 M GBP		
TOTAL	89.4 M GBP		

A subsequent report by the UK for 2014-2015 covering another 12 month period identified that of 8.5M GBP income in the UK Geoparks, over 7M was from tourism income. By comparison, the UK's 6 Biosphere Reserves generated 2M GBP in income but only 5,000 GBP of this was from tourism.

Wider Value of UNESCO to the UK (2012-2013):
www.unesco.org.uk



Organizacija • UNESCO
 Ujedinjenih Naroda • Svjetski
 za Obrazovanje, • Geoparkovi
 Znanost i Kulturu •

UNESCO GLOBAL GEOPARKS

Economic Impact Study 1: United Kingdom

Estimated Earnings/Income Generated in the Local Economy by Tourism Offer of Arouca UNESCO Global Geopark

Hospitality

Beds	price/night	OccupancyRate	days/year	Value
250	50.00€	60%	365	2,737,500.00€

Catering

Restaurantplaces	Averagepriceameal	OccupancyRate	days/year	Value
5000	12.50€	50%	365	1,406,250.00€

TourismEntertainment

Rafting/Canyoning	Averageprice	OccupancyRate	days/year	Value
20	50.00€	50%	365	182,500.00€

MuseumsEntrances,MerchandisingAndGangwaysInvoicing

	Entrances	price/ticket		Value
PaivaGangways	240,000.00€	1.00€		240,000.00€
"PedrasParideiras"House	15,000.00€	2.00€		30,000.00€
TrilobitesMuseum	10,000.00€	4.00€		40,000.00€
SacredArtMuseum	10,000.00€	3.00€		30,000.00€
MunicipalMuseum	10,000.00€	1.00€		10,000.00€
merchandisingAndlocalproducts				5,000.00€

Localproducts

	Kg/day	price/kg	days/year	Value
TraditionalSpongeCakeAndRegionalSweets	100	10	365	365,000.00€
ConventualSweets	10	15	365	54,750.00€

GrandTotal/year

5,111,000.00€



UNESCO GLOBAL GEOPARKS

In 2018, the UNESCO Global Geoparks Council will examine 23 new applications and at least 1 previously deferred applications. They will also decide the results of the revalidation for 33 Geoparks.



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• Global
• Geoparks
•



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*International Geoscience and Geoparks Programme:
Supporting SDG's 1, 6, 8, 9, 12, 13 & 17*