

THE SECOND
100
IUGS GEOLOGICAL
HERITAGE SITES

A STEP FORWARD
2023 - 2024

IGCP - 731



WE GOT IT!

Thanks for being here!



THE FIRST
100
IUGS GEOLOGICAL
HERITAGE SITES

500 experts involved

56 countries / **12** int. organizations

Our website

www.iugs-geoheritage.org

31.000 visitors

from **178** nations

Global impact!



“An *IUGS Geological Heritage Site* is a key place with extraordinary geological elements and/or processes of the highest scientific international relevance, used as a global reference, and/or with a substantial contribution to the development of geological sciences through history “

IUGS – IGCP 731

ZUMAIA. NOV.2021





IUGS GEOLOGICAL HERITAGE SITES

IGCP731

DEFINITION AND MAIN STANDARDS

DEFINITION AND STANDARDS

In Sept – Nov 2021 a group of 20 experts discussed and defined the main standards of an IUGS Geological Heritage Site.

The definition and standards were adopted by the IUGS International Commission on Geoheritage in Nov 2021 in Zumaia (Basque Coast UGGp)

<https://iugs-geoheritage.org/selection-process/>

Coordinators:

Luis Carcavilla (Spain), Jianping Zhang (China), Benjamin van Wyk de Vries (France), Joana Sanchez (Brazil), Asfawossen Asrat (Botswana & Ethiopia), Asier Hilario (Spain).

Participants:

Babbis Fassoulas (Greece), Helke Mocke (Namibia), Kirstin Lemon (Northern Ireland), Nicolas Charles (France), José Brilha (Portugal), Paulo Pereira (Portugal), Fernando Miranda (Argentina), Manuel Arenas (Chile), Margaret Brocx (Australia), Enrique Díaz (Spain).

IUGS final review and aproval

Stanley Finney (IUGS Secretary General / USA)

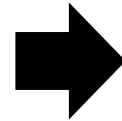
Asier Hilario (IUGS – ICG chair / Spain)

Benjamin van Wyk de Vries (IUGS – Subcommission on Site Chair / France)

Juana Vegas (IUGS – ICG Secretary General / Spain)



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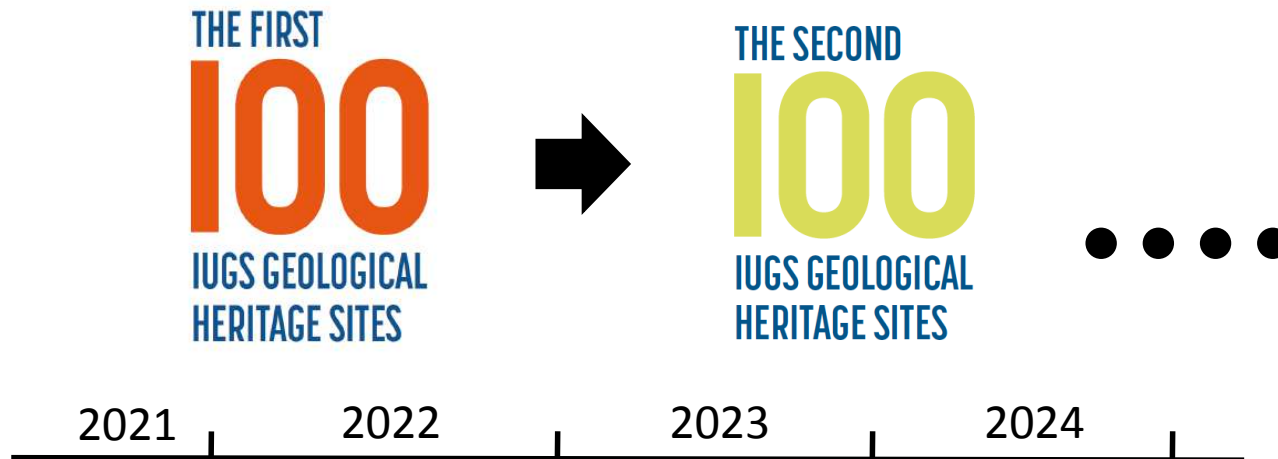
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MOVING FORWARD



HOW ARE WE GOING TO DO IT?



100 Sites every 2 years

It Keeps the potential for a powerful “marketing” and makes the scientific work feasible.

The Second 100

“The Second 100” will be announced during the **IGC 2024 in Busan** (South Korea).

KEEP IT SIMPLE

The pillars of our program will remain as for the First 100
The IUGS recognition will be based on the experts opinion
Our procedure will be simple, inclusive and feasible

There will be only small modifications in order to Improve and
formalize all the process according to IUGS procedures.

This initiative will move naturally from the IGCP-731 project to a
formal and stable IUGS program

INTERNATIONAL COOPERATION



SELECTION COMMITTEE

The **IUGS- International Commission on Geoheritage** created a Selection Committee made up of:

6 IUGS representatives

+

one representative per each international organization: 16

The goals of this committee are:

- 1) To adopt the strategy for the next 100. Typologies and geographical distribution
- 2) To make the final selection according to:
 - 1) The voting members assessment
 - 2) Typological distribution
 - 3) Geographical distribution



SIMPLE TEMPLATE

Name of the site.
No more than 10 word.

Photo 1

Photo 2

Headline.
20 word

Description.
200 words

Scientific
tradition. 50
words

Diagram,
sketch, map

Justification.
100 words

The template is divided into two pages. The left page contains a large photograph of a rockglacier, a headline, a justification paragraph, and a photo caption. The right page contains a site title, a table with site details, a second photograph, a geological description, a scientific research and tradition section, and a diagram of a rockglacier cross-section.

GEOLOGICAL PERIOD	Oouaternary / Holocene
LOCATION	Engadine / Canton Graubünden, Switzerland 46° 26' 43" N 10° 07' 49" E
MAIN GEOLOGICAL INTEREST	Geomorphology and active geological processes

The template provided is adapted to the book layout.
Follow carefully our rules (number of words...) Proposals not adapted to the template will not be accepted.
Provide high quality beautiful photos in separate files. It will increase the possibilities of your proposal.
Please review the text carefully. The text must be correctly written in English.

VOTING MEMBERS / EVALUATION

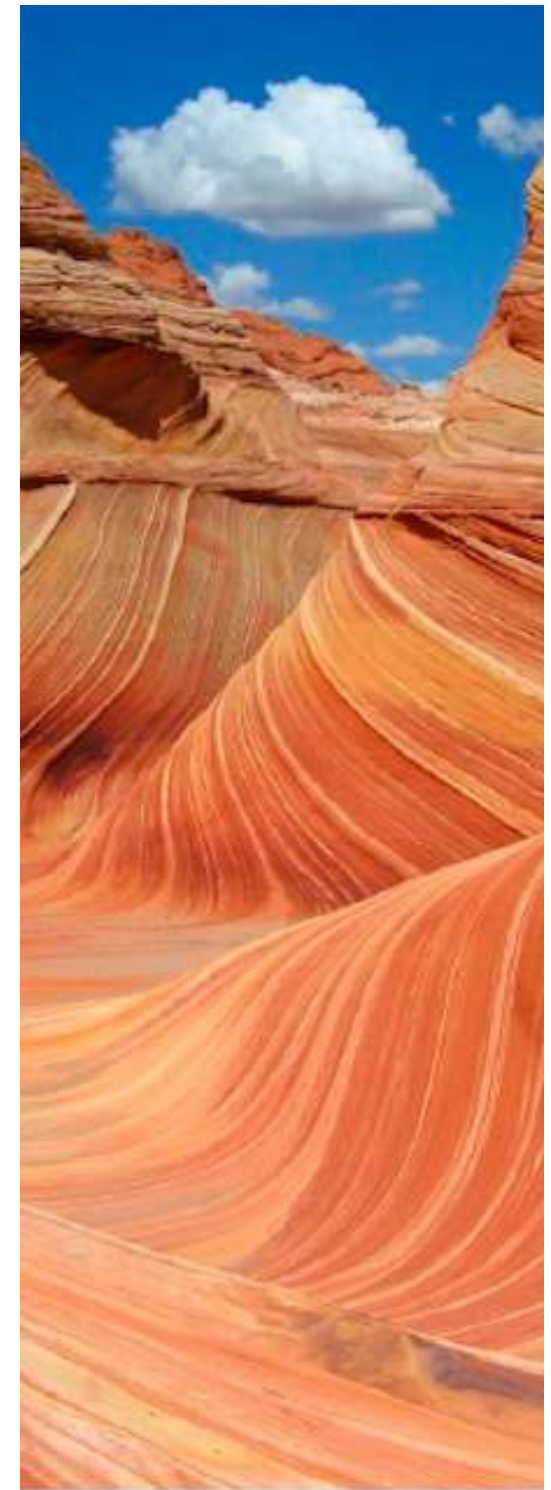
The group of voting members of the IUGS Sub-commission on Sites will be extended to **60 experts**.

Many of them will be proposed by the **international organizations** involved in the program.

Each site will be evaluated at least by 3 voting members.

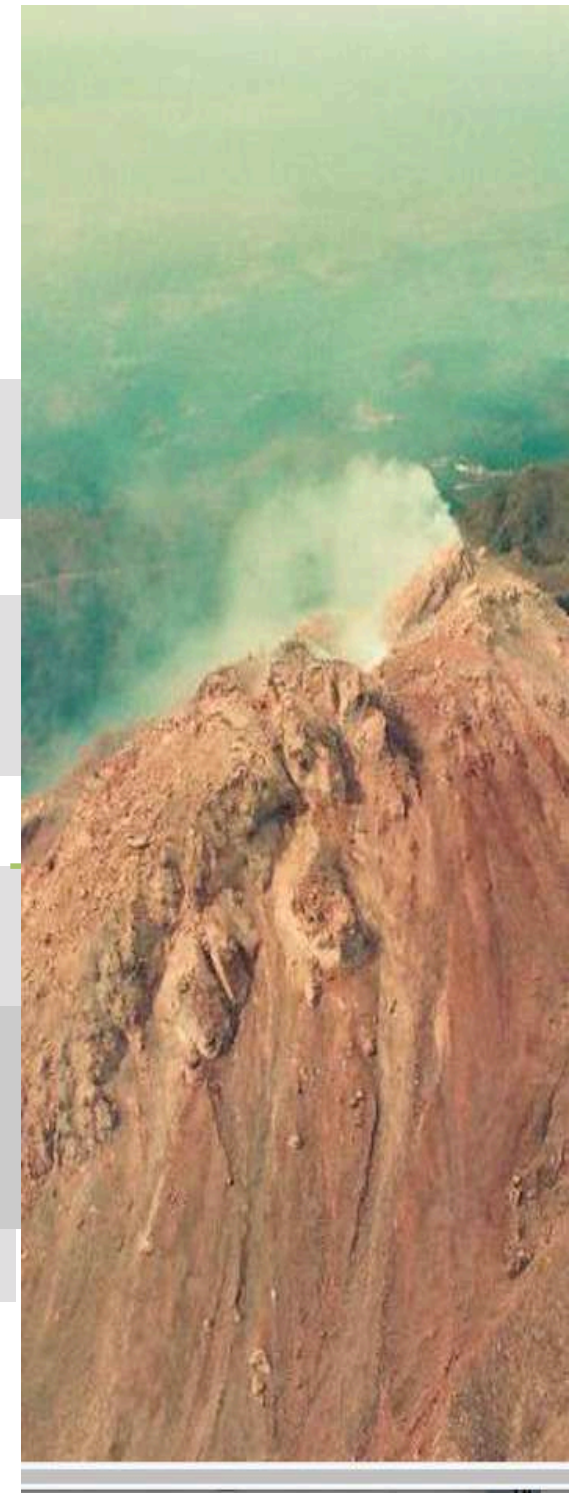
The **assessment methodology** will be slightly adapted, but will follow a very similar structure. We will keep it simple and feasible.

The **opinion of the experts** on different geological disciplines is the base pillar of this program.



GENERAL SCHEDULE

2023	4	First steps contacting all focal points and representatives	
	5	Selection committee meeting – strategy definition	
	6	New proposals for The Second 100	
	7	Improvement of the proposals of the 50 sites postponed in 2022.	
	8		
	9		
	10	Evaluation process / voting members	
	11		
	12	Selection committee meeting - Selection of The Second 100	
	2024	1	Editing review (text, English and pictures)
		2	
		3	
4		The book of “The Second 100”. Layout	
5			
6		The book of “The Second 100”. Printing	
7			
8		Announcemenet of “The Second 100” in the IGC in Busan.	



HOW MANY 100?

THE **FIRST** 100 (2022)

THE **SECOND** 100 (2024)

THE **THIRD** 100 (2026)

.....

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This is something that we can not answer now. We will learn from experience and it will depend of the quality of the proposals.

We know that there will be at least one more, The Third 100, but we do not think that it will go further than the Fifth 100. Let's walk and see.

DISTRIBUTION OF CANDIDATE SITES

THE SECOND
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50 SITES POSTPONED FROM 2022
+
12 SITES REJECTED THAT CAN BE RECOVERED

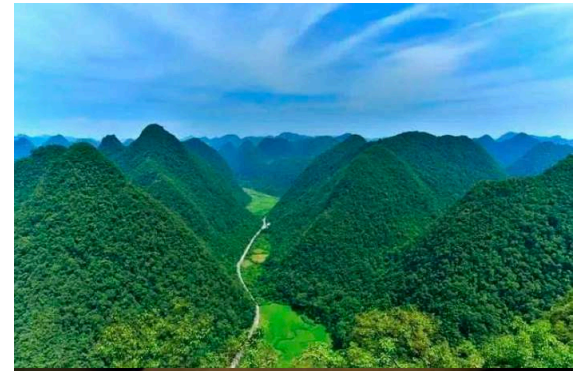
The quality of the sites and the proposals is very variable

The evaluation methodology will be slightly refined in 2023



62 sites from 2022 must be evaluated again

Deadline to submit improved proposals: **JUNE 30th**



NEW CANDIDATE SITES

NATIONAL REPRESENTATIVES & INTERNATIONAL ORGANIZATIONS



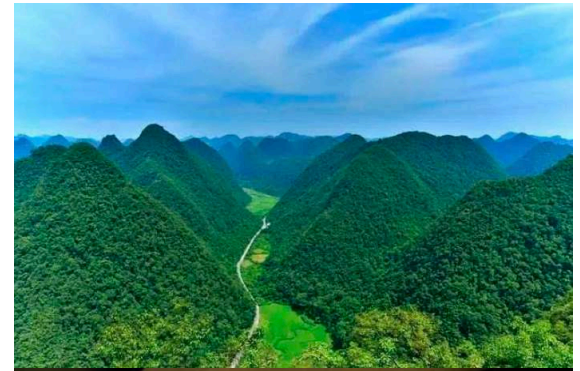
NATIONAL
REPRESENTATIVES

Local engagement
Visibility / recognition
Geographic distribution



INTERNATIONAL
ORGANIZATIONS

Scientific credibility
Global view
Typological distribution



NEW CANDIDATE SITES : 120

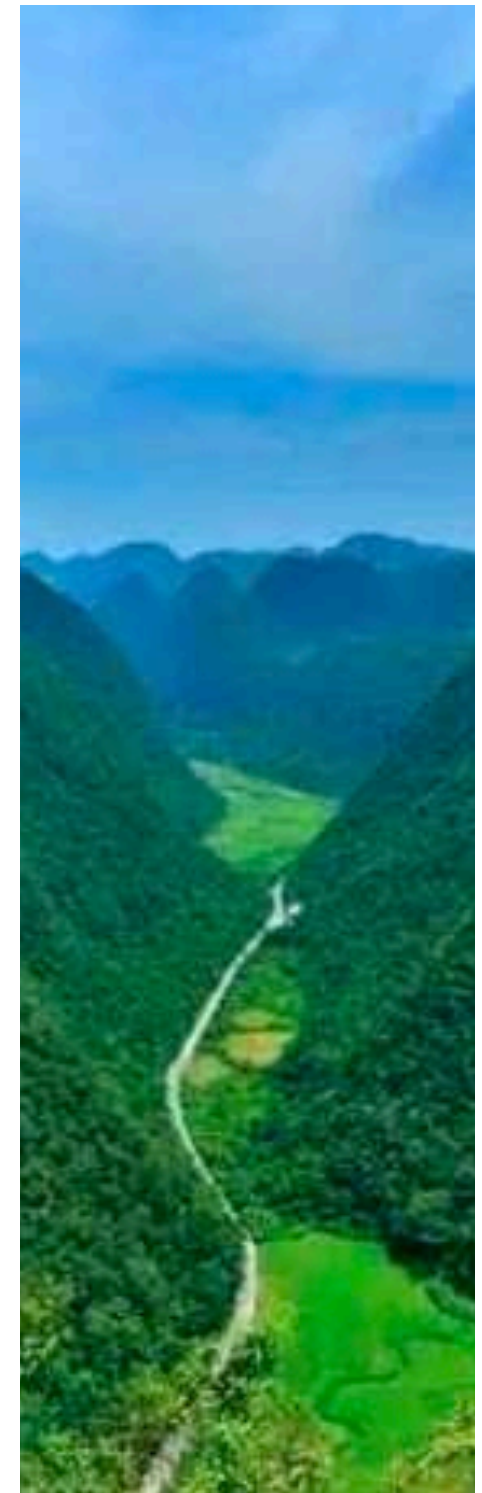
COUNTRIES



Europe 20, Africa 13, America 19, Asia-Pacific Middle East 20

We keep most of the countries on board with one candidate

27 new countries: Iceland, Egypt, Bolivia, New Zealand or Oman...



INTERNATIONAL ORGANIZATIONS

50
SITES



INHIGEO 4

IACVEI 3

TECTASK 4

IMA 5

ICC 4

IAG 3

IAH 3

IRCK 2

ICS 3

IAS 3

IPA 3

INQUA 3

MSG 2

GGN 3

PROGEO 3

SCAR 1

RECOMMENDATIONS

Go for the **best** candidates

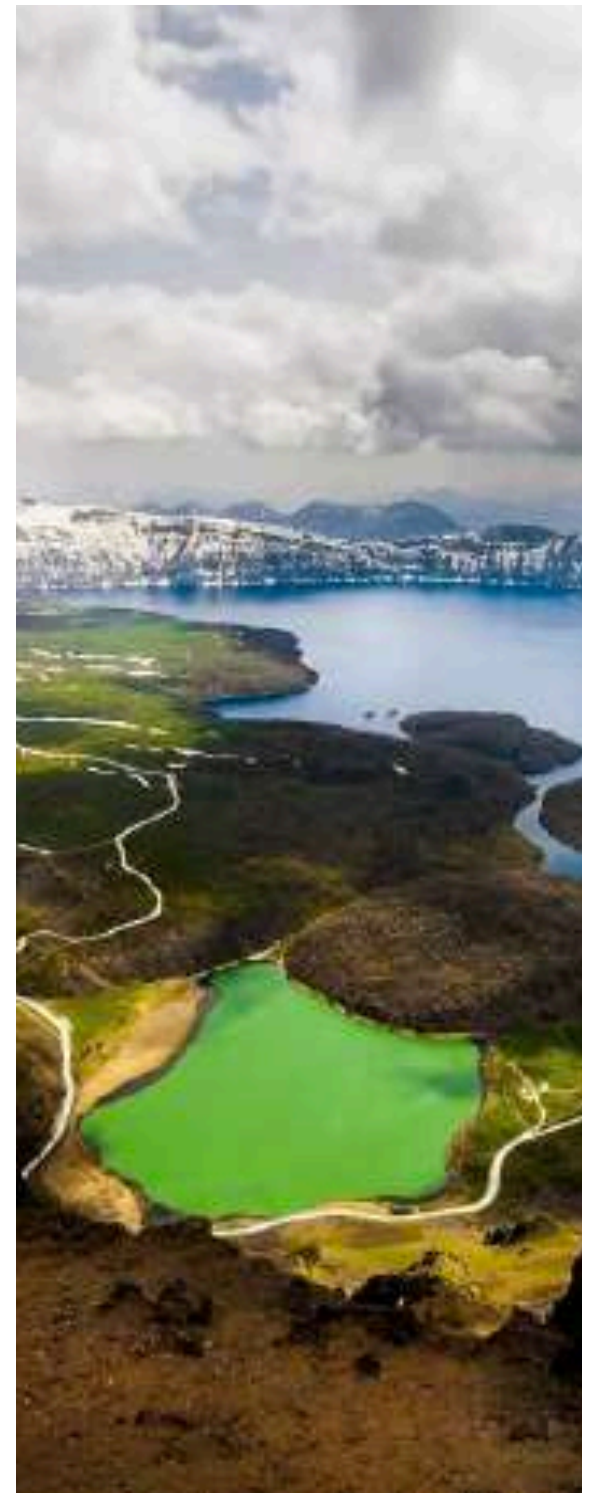
Involve **local experts** in the proposal

Follow carefully the **template** provided

DEADLINE

IMPROVEMENT OF POSTPONED APLICATIONS 2022: JUNE 30th

NEW PROPOSALS: JULY 28th



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THANKS!

FOR BEING PART OF THIS
COLLABORATIVE ENDEAVOUR

IGCP - 731

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