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International Geoscience
and Geoparks Programme

INTERNATIONAL GEOSCIENCE AND GEOPARKS PROGRAMME

AN UPDATE OF IGGP ACTIVITIES

JULY 2022 • ISSUE 03 • SUMMER EDITION



"UNESCO is the only United Nations organization with a mandate to support research and capacity building in Earth Sciences, and the International Geoscience and Geoparks Programme is our flagship."



Seridó UNESCO Global Geopark, Brazil

A WORD FROM UNESCO

There are currently 60 active IGCP projects, delivered by 378 leaders from 92 countries and 177 UNESCO Global Geoparks in 46 member-states.

With the support of UNESCO, IUGS, Jeju Province Development Corporation, Global Geoparks Network and the National Commission of the People's Republic of China for UNESCO, IGCP and UGGp's keep protecting the planet's geoh heritage and advancing knowledge in the geosciences.

This year, IGCP held its 7th Council Meeting, UNESCO designated 8 new Global Geoparks and a call was launched for new council members for both IGCP and UGGp.

We are proud to present a great collection of inputs that demonstrate how one of the oldest geoscience cooperation programme in the world, the IGCP, has been delivering a multitude of actions that contribute for science literacy, sustainable development and the advancement of science.

This year, in 2022, IGCP will start celebrating its 50th anniversary, while IUGS turned 60 in 2021! We are looking forward to celebrating these important milestones with UNESCO's Earth sciences community!

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FOLLOW US ON SOCIAL MEDIA



IGCP 727 Field work in Batken region, Kyrgyzstan
Credit: Alexey Dudashvili

IGCP PROJECTS UPDATES



The IGCP council gathered in Paris with the UNESCO secretariat gathered the Assistant Director General

Celebrating its 50th anniversary, the International Geoscience Programme has now 60 projects underway that will receive a total of over \$300.000 in financial support.

Gathered between 14th and 16th of March 2022, the IGCP Council, with the support of the IGCP Scientific Board and UNESCO Secretariat, assessed the progress of the programme during the previous year and the research results of the 57 active projects. The council also evaluated 27 new project proposals submitted as of 15th September 2021.

[Read the full story](#)

Click on the icons to find out what these projects have been working on...



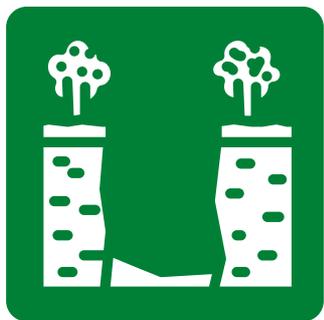
IGCP 731
IUGS Geological Heritage sites



IGCP 727
Geological heritage sustainable management of geological hazards and water resources



IGCP 673
The End of A Supereon



IGCP 715
A new karst modelling approach along different tectonic contacts



IGCP 710
Western Tethys meets Eastern Tethys



IGCP 659
Seismic risk assessment in Africa

IGCP PROJECTS UPDATES



IGCP 705
Global Capacity for the
Observation of
Volcanic and
Atmospheric Change



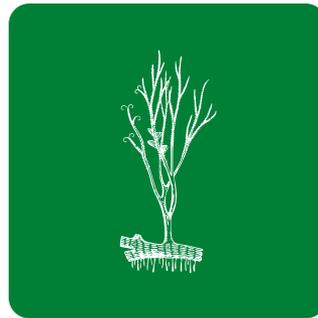
IGCP 737
SMART Geology
for better
Community



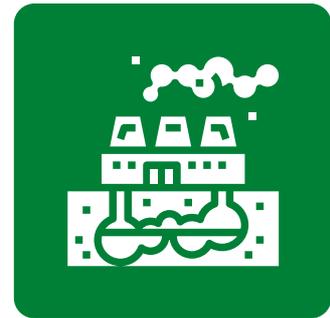
IGCP 732
LANGUAGE of the
Anthropocene



IGCP 683
Pre-Atlantic
geological
connections



IGCP 638
Paleoproterozoic
Birimian geology



IGCP 636
Geothermal
resources for
energy transition



IGCP 726
GEOfood for
sustainable
development in
UNESCO Global
Geoparks

UNESCO GLOBAL GEOPARKS UPDATES

Grants to support the creation of geoparks in Small Island Developing States



[Read the full story](#)

UNESCO and the Global Geoparks Network (GGN) have launched a joint initiative to promote the Geopark concept in Small Island Developing States.

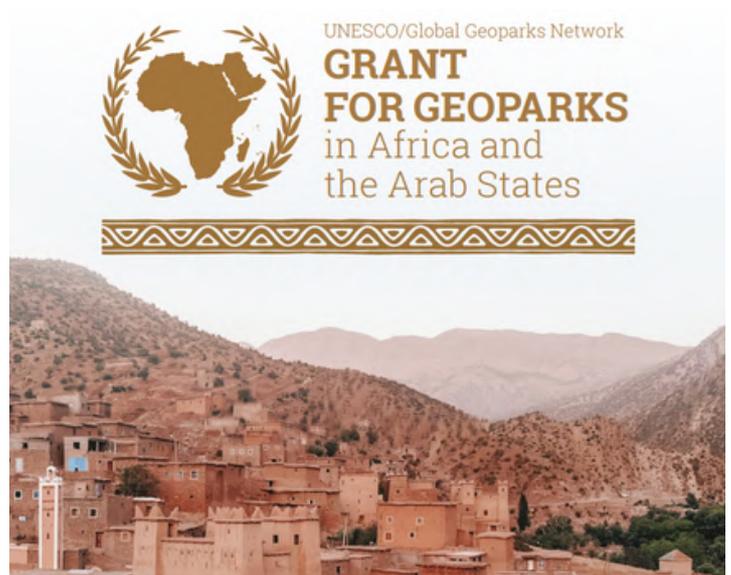
The UNESCO/Global Geoparks Network Grant is a tailor-made consultancy service specifically designed to support local teams to develop a UNESCO Geopark project. The grant includes several steps and actions. GGN Experts will advise and accompany the granted territory from the initial idea to the official application as UNESCO Global Geopark. All services provided through the grant will be free of charge for the territory.

Deadlines for the applications was 30 April 2022 and the the three best proposals were selected and notified by 31 May 2022.

UNESCO/GGN grant for geoparks in Africa and the Arab States 2022

UNESCO and the Global Geoparks Network (GGN) launched a joint initiative to promote the Geopark concept in Africa, the Arab States.

[UNESCO-GGN Geoparks Africa & Arab States](#)



UNESCO designates 8 new Global Geoparks

UNESCO's Executive Board has approved the designation of 8 new UNESCO Global Geoparks bringing the number of sites participating in the Global Geoparks Network to 177 in 46 countries. This year, two new countries, Luxembourg and Sweden, joined the Global Geoparks Network with the designation of their first geoparks. With these 8 new designations, the Network now covers a worldwide surface area of 370,662 km², comparable to the area of Japan.

Two of the newly designated UNESCO Global Geoparks are situated in Latin America and six in Europe. Owing to COVID-19 restrictions, no new applications from Asia, Africa or the Arab region could be evaluated this year but several projects for the creation of new geoparks on these parts of the world are under way.

The newly designated UNESCO Global Geoparks are:



Seridó UNESCO Global Geopark, Brazil



Southern Canyons Pathways UNESCO Global Geopark, Brazil



Kefalonia-Ithaca UNESCO Global Geopark, Greece



Platåbergens UNESCO Global Geopark, Sweden



Mëllerdall UNESCO Global Geopark, Luxembourg



Ries UNESCO Global Geopark, Germany



Salpausselkä UNESCO Global Geopark, Finland



Buzău Land UNESCO Global Geopark, Romania

[Read the full story](#)

Spanish Royal Academy of Sciences Conference on Geological heritage: 5-6 June

The conference on Geological Heritage that took place in the Spanish Royal Academy of Sciences on the 5th and 6th of June, highlighted the advancement of scientific knowledge in various fields of geology and related sciences as well as the declaration of different territories as Geoparks in the last 20 years.

UNESCO's International Geoscience and Geoparks Programme participated in the conference and demonstrated how it contributes to the advancement of scientific knowledge on geological heritage by providing the tools and support to the different initiatives related to geoheritage emerging around world. During the two days of the conference, researchers from different disciplines, touristic operators and local and regional stakeholders, mainly from the

Cantabrian Coast of Spain and bordering territories, participated in the discussions. Members of several Spanish UNESCO Global Geoparks, Spanish aspiring geoparks, of the Urdaibai Biosphere Reserve as well as members from natural parks, natural monuments and local museums were present.

During the two days, the 30 odd participants shared knowledge and discussed the possibility of a joint initiative for the enhancement and valorisation of the geological heritage of the North of Spain and the potential to extend it to the bordering countries, Portugal and France.

Spain is one of the pioneers in the preservation and promotion of geological heritage. With 15 UNESCO Global Geoparks, this country ranks first in Europe and second in the world.



Images from the field visit to the aspiring UNESCO Global Geopark of Costa Quebrada in Spain.

The image on the right shows the impact of a landslide and the close proximity to the houses. This demonstrates how geology is not considered when constructing houses in the area.



Images by Catalina Gonzalez Tejada



ROCKNET®

CONNECTING PEOPLE WITH THE PLANET



IFP Energies nouvelles (IFPEN) and UNESCO, established a partnership to develop a smartphone app to promote the geosciences to the general public and share geological knowledge in an amusing and participative way: **RockNet**.

RockNet will allow users to get familiarized with the origin of a rock, the environment and the climatic conditions where it was formed in the geological past and how and where it is used in our society.



A first prototype application based on 12 rock families is currently being tested. By the end of 2022, the app will be able to recognize 30 to 40 rock families. It will also feature:

Link with cultural heritage: using the phone's camera to photograph a rock type, the user will obtain information on how that rock has been used along history to create some of the most important elements of our cultural heritage.

Information on the geographic origin: by taking a photo of a famous building, monument or artwork, RockNet will recognize the geological material and provide information on it.

Connection with the industry and everyday life objects: all objects are composed of a myriad of geological resources in the form of elements obtained from minerals. With RockNet, the user will be able to know which minerals are present in the photographed rock and how they are used in our daily life.

RockNet, is a project that promotes geoscience literacy and the understanding of the planet's resources.

UNESCO and IFPEN are looking for donors who are willing to fund development of the app. For more information please contact: Ozlem Adiyaman Lopes (o.adiyaman@unesco.org).

PanAfgeo 2022 - Geoheritage Training in Congo Republic



Image by: Dieudonne Mpika

[Read the full story](#)

“PanAfGeo” for “Pan-African Support to the EuroGeoSurveys-Organisation of African Geological Surveys (EGS-OAGS)

Partnership” is a project that supports the training of geoscientific staff from African Geological Surveys through the development of an innovative training programme. It aims to increase African-owned geological knowledge and skills for sustainable mineral exploitation as well as for natural disaster prevention and mitigation.

UNESCO is an advisory board member and co-delivered the Geoheritage training session in the Congo Republic.

Geohazards and Georisks in Central Africa

Central Africa is subjected to diverse natural hazards, particularly those related to the geological environment. These include earthquakes, volcanic eruptions, landslides, floods, erosion of soils and coastal areas and man-made risks related to mining operations.

As a result of a higher demand, mining operations are increasing in the region. This can lead to higher risk for miners and to environmental risks related to the use of chemicals and mining waste deposits. Adding to this, climate change is also a significant threat.

With a multitude of risks, there is clearly a need to raise awareness among decision-makers and populations about their potential impacts.

It is in this context that UNESCO Earth Sciences team, in collaboration with UNESCO Yaoundé (Cameroon) field office,

considered the preparation of a brochure for the public about georisks in Central Africa that summarizes the main geohazards and associated risks in the following countries: Angola, Burundi, Cameroon, Congo, Gabon, Equatorial Guinea Republic of the Congo, Democratic Republic of Congo, São Tome e Príncipe and Chad.

The brochure aims to include an inventory of the different geohazards and risks as well as those associated with mining activities affecting central African countries that may be amplified by climate change.

We are looking for publications and data relating to this, please email: Ozlem Adiyaman Lopes (o.adiyaman@unesco.org) or Zahné Pienaar (z.pienaar@unesco.org) if you can contribute to this new initiative.

Million Years Before the Silk Road : 13 - 18 June

UNESCO Almaty Cluster Office for Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan, in cooperation with the National Committee of UNESCO Geoparks in Kazakhstan, Tien-Shan Geological Society, Qazaq geography and supported by the Government of the Republic of Kazakhstan, organized a conference on "Millions of Years before the Silk Road". The conference took place in Almaty, Kazakhstan, from 13 to 18 June 2022.

Organized in the context of the 50th anniversary of the UNESCO International Geoscience Programme (IGCP), the conference promoted the preservation of geological landscapes, celebrating earth heritage, geosciences education, geotourism perspectives and geoparks establishment, sustainable development of populations in Central Asia and green societies.

The event consisted of 2-days of plenary discussions and thematic sessions as well as a field visit to Zhetysu Geopark. There were around 80 offline and online participants, representing academia, tourism sector, non-governmental organizations, government entities in charge of nature protection, universities, amongst others.

Abstracts of the presentations will be published and a photo exhibition will be organized in memory of Ilya Fishman - a scientist, geologist and activist for the preservation of geological heritage of Central Asia, and Kazakhstan.

[Learn More](#)



Participants enjoying the photo exhibition and speeches. Photos provided by UNESCO Almaty Field Office.



Geological Association of Canada Annual Conference: Halifax May 16 - 17 2022

On the 16 and 17th of May UNESCO IGCP presented at the Geological Association of Canada's annual conference which took place in Halifax, Canada. This annual conference is joint meeting of the Geological Association of Canada (GAC), the Mineralogical Association of Canada (MAC), the International Association of Hydrogeologists - Canadian National Committee (IAH-CNC) and the Canadian Society of Petroleum Geologists (CSPG). The hosting society was the Atlantic Geoscience Society (AGS).

In celebration of UNESCO IGCP's 50th and IUGS's 60th anniversaries a special session was dedicated to IGCP and Geoparks which consisted of two days of 19 oral presentations and 2 panel discussions.

The IUGS-IGCP-UGGp symposium brought together a series of presentations that summarised the important impact of the IUGS and UNESCO-IGCP over the past 60 years and 50 years respectively.

Since the launch of the IGCP in 1972, at the same time of the Montreal International Geological Congress, roughly 50% of the IGCP projects have had Canadian participation. IGCP projects tend towards subjects which underpin the United Nations (UN) Sustainable Development Goals (SDG) and Canada is strongly committed to IUGS and IGCP. The country sees this strengthening in the future with the ongoing need to underline the importance of geoscience in the solutions to climate change and the related energy transition.

**GEOLOGICAL ASSOCIATION OF CANADA
ANNUAL CONFERENCE**

Symposium SY-04 IUGS, Geoparks and IGCP - Retrospection,
today and the future - Canadian contributions

HALIFAX:
May 16-17 2022

19 Presentations
2 Panel discussions

*Riding the waves of change
Surfer sur la vague
du changement*

**GEOLOGICAL ASSOCIATION OF CANADA
ASSOCIATION GÉOLOGIQUE DU CANADA**

Canadian Geoparks NETWORK

60 IUGS

unesco
International Geoscience Programme

Geological Association of Canada Annual Conference: Halifax May 16 - 17 2022

Since 2008, Canada has seen the establishment and recognition of five Geoparks as part of the UNESCO Global Geoparks Network (GGN) which aims to combine conservation with sustainable development while involving local communities in sustainable geoscience tourism.

The conference was a huge success and had 687 in-person participants, 127 virtual participants, 102 field trip participants linked to a two-day field trip to Cliffs of Fundy Geopark, 129 workshop participants, several well-attended social events and a very successful teacher's workshop. The program encompassed all areas of geoscience with 380 live presentations, 90 posters, and 105 virtual presentations.

IGCP 683 also sponsored a field trip titled "Geological comparisons and correlations among crustal blocks in eastern North America, Northwest Africa, and Western Europe" led by Sandra Barr, Yvette Kuiper, Deanne van Rooyen, and Chris White. The trip brought together 25 geoscientists from Canada, USA, Morocco, Spain, Ireland and Germany with diverse backgrounds and interests, of whom eleven were female and ten students or early career researchers. Participants spent 5 days together, travelling by van throughout Nova Scotia, examining key rock outcrops and discussing and comparing the rocks to potential correlatives elsewhere.



Images from the 2 day field trip to the Cliffs of Fundy Geopark, organised by the conference.

International Summer School - Madygen - 2022

From the 14th to 26th of August, 2022, the international summer school will be held in conjunction with a scientific geological expedition, where aspects of paleontology, geology and stratigraphy will be studied.

The international summer school will be held under the auspices of the UNESCO International Geosciences and Geoparks Programme. In 2021, Madygen Geolocation entered the Geopark territory through the [IGCP 727 Geological Heritage and Georisk Project](#).

During the summer school, all participants will be in close contact with mentors – scientists and experts in the stratigraphy of Madygen, who for many years have devoted themselves to researching the geology and paleontology of Central Asia. These are scientists from the academies of sciences of Kyrgyzstan, Uzbekistan, as well as the best experts on the Madygen formations, from the Freiberg Mining Academy, Germany.

The main aims for the summer school are to develop skills and field work in sedimentology, palaeontology, stratigraphy and historical geology under the supervision of professionals. The summer school will focus mainly on the Mesozoic-Cenozoic biota and stratigraphy in the south Tianshan area. Upon completion of the summer school, all participants will receive certificates from the Kyrgyz State Geological University, the Tien Shan Geological Society and the Triassic Subcommittee of the International Commission on Stratigraphy.

[Learn More](#)



Students, researchers and professors in the field in the Madygen region in SW of Kyrgyzstan, Central Asia. Photos provided by Tian-Shan Geological Society.



The 7th Asia Pacific Geoparks Network Symposium



The 7th Asia Pacific Geoparks Network Symposium will be held by Satun UNESCO Global Geopark, Satun Province, in Thailand from 4-11 September 2022. The theme for the symposium will be “UNESCO Global Geoparks Building Sustainable Communities”. The aim is to share and exchange information, experience and knowledge among UNESCO Global Geoparks and UGGp professionals in the Asia Pacific Region. The activities of the Regional Geopark Networks include a conference and exhibitions of Geo-fair and Intangible Heritage from UGGps in Asia Pacific. There are also six trails being arranged for participants to experience the nature, geoheritage, various cultures and to share knowledge among UNESCO Global Geoparks and UGGp professionals from the Asia Pacific Region.

Prior to the Symposium The 7th UNESCO Global Geopark Council (UGGpC) will be held from 4-6 of September in the frame of the 7th Asia Pacific Geoparks Network Symposium at the Satun UNESCO Global Geopark in Thailand. Six new members of the Council will be welcomed to study the reports of the evaluation and revalidation missions that have been undertaken during the first part of the year. There will be a virtual ad hoc UGGpC in December for the missions that are happening in the second part of the year.

[Visit the website](#)



Satun UNESCO Global Geopark

16th European Geoparks Conference & 46th EGN Coordinating Committee Meeting



The conference will be held in Verbania, Italy from the 26th to the 30th of September 2022. The main points of discussion for the conference are nature, culture and sustainability in terms of climate and environmental change. The conference will consist of 5 intensive days filled with Geopark meetings, sessions, fieldtrips and a geofair. The field trips will allow participants to experience the beauty of Italy as they travel to Monte Rosa, a super volcano, Maggiore lake, Candoglia marble and Vigizzo Valley.

[Visit the website](#)



INTERNATIONAL GEODIVERSITY DAY

**Mark it on your calendar!!
6th October is International Geodiversity Day!**

This annual celebration of geodiversity was approved on 22 November 2021 by 193 member states attending UNESCO's biennial General Conference in Paris. The approval followed a request from the International Union of Geological Sciences (IUGS) and 108 other scientific organisations for the proclamation of an International Geodiversity Day to raise awareness of the many benefits geodiversity provides for people, society, and the environment.



6TH OCTOBER
**INTERNATIONAL
GEODIVERSITY
DAY**
THE DIVERSITY
SUSTAINS THE LIFE

Author: Silas Costa

How to celebrate?

Ideas on how to celebrate International Geodiversity Day?

IGD is about engaging everyone with geodiversity. So how about field trips for local schools, public talks, or perhaps a voluntary event to clean up a nearby geosite? There are so many ways to celebrate IGD; what will it look like in your community?

Planning an event? The Geodiversity Day team would love to hear about it and include it on their website - it doesn't matter if its a big public event, or a special lesson on geodiversity in your school - it all counts and they want to share your passion for geodiveristy. Please submit you information to the website and it will be added to their online map of events.

[Register Your Event](#)



International Year of Basic Sciences for Sustainable Development



Proposals may be for an interdisciplinary conference / workshop / symposium addressing the importance of international cooperation in the geosciences, an enhancement of geoscientific research and Earth science education in Member countries as well as less developed countries. Proposals should be clearly focused on fundamental science, its societal importance, and how it can be used to address the SDGs, and their results are expected to provide clear recommendations to politicians and other decision makers at national and regional levels, and to the general public in terms of the urgent and long-term actions to be undertaken.

The deadline for projects proposals is 31 July 2022.

For more information regarding the deadline for proposals, requirements and funding please refer to the link below.

At the end of 2021, the United Nations General Assembly announced that 2022 would be the International Year of Basic Sciences for Sustainable Development (IYBSSD2022). The focus of the IYBSSD 2022 is the links between basic sciences and the UN Sustainable Development Goals (SDGs).

In line with the IYBSSD 2022 the IUGG (International Union of Geodesy and Geophysics) launched a call for proposals. The proposals should address international cooperation in Earth and space sciences and highlight the importance of basic science for sustainable development. Key scientific topics for the call are:

[Visit the website](#)

- creation of new knowledge in Earth and space sciences;
- dissemination of knowledge, data and information on geoscience topics;
- geoscience for sustainable development;
- geoscience and policy interface;
- geoscience education and outreach in developing countries;
- networking of early-career scientists in geoscience.



ICDP Training Course on Continental Scientific Drilling



[Learn More](#)

The International Continental Scientific Drilling Program (ICDP) invites scientists from scientific drilling projects to apply for the training course on continental scientific drilling that will take place September 25-30, 2022 at the Geocenter KTB in Windischeschenbach (Germany).

This training course will touch upon all relevant aspects of continental scientific drilling, including project planning and management, pre-site surveys, drilling engineering, sample handling and storage, on-site studies, downhole logging, data management, post-drilling measures, and outreach.

The training course is recommended for master students, doctorate students and post-docs involved in scientific drilling. For more information please visit the website.

The impact of the Covid-19 pandemic on teaching Earth sciences in Central Africa: Gabon and Cameroon

In December 2021 the Society for Geology Applied to Mineral Deposits (SGA), the Geological Survey of Namibia, the Namibian Uranium Association and the International Union of Geological Sciences (IUGS) organized a short course financially supported by UNESCO.

Following that, Mary Immaculate Neh Fru, a student from Cameroon and Ndongo Alexis, a young researcher from Gabon, who both attended the course, published an article this year titled "The impact of the Covid-19 pandemic on teaching Earth sciences in Central Africa: Gabon and Cameroon". Two other students who also attended the course managed to start funded PhDs in Canada and Germany.

From September 13-16 there will be an SEG-SGA Chapter Meeting at the University of Geneva, Switzerland.

The main topic will be: Sustainable Mineral Resources Supply: Challenges for Future Generations. This is a unique opportunity that will allow students and postdocs to present their research work during talks and poster sessions. The meeting will also include 6 keynote talks and 1 brainstorming afternoon.



Ekom Waterfall, Cameroon. Image by: Hans Harms

[Read the article](#)

[SEG-SGA Chapter Meeting](#)

5th Colloquium of the IGCP 638: Geodynamics and mineralization of the West African Craton



The fifth symposium of the IGCP 638 project on the geodynamics and mineralization of the West African Craton (WAC) will take place on December 4th- 9th, 2022 in Ghana.

5th Colloquium of the International Geoscience Programme (IGCP638) in Ghana

Accra, December 4th – 5th, 2022
University of Ghana
 Followed by a field trip, Dec. 6th - 9th

Geodynamics and Mineralization of Paleoproterozoic formations for a sustainable development

It will be jointly organized by the local organizing committee and the members of the West African Exploration Initiative (WAXI). It will join together the international scientific community (academia and industry) on the topic:

“Geology of the Paleoproterozoic formations for a sustainable development”.

The event will consist of two days conference in Accra followed by four days of field trips. The sets of themes of the conference will relate to geodynamics, mineralization, geochemistry, geochronology, geophysics, mapping, lithology, sedimentology, imagery, environment (pollution and deforestation related to mines), climate change, and other related subjects.

Online registration is open till August 20th , 2022.

[Register Here](#)

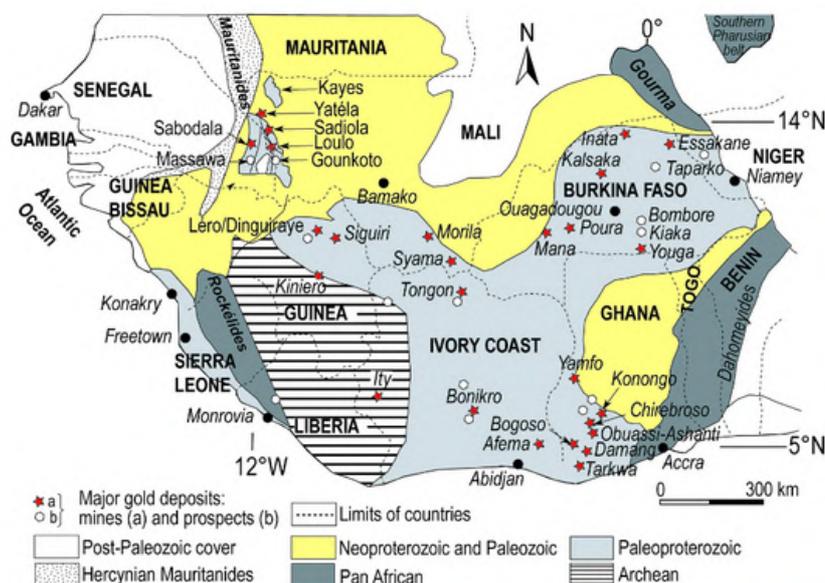


Fig. 11 Schematic map of the major Precambrian shields of the southern part of the WAC (Man shield), showing the location of the major gold deposits and mines (simplified from Mineral Deposits Limited, 2011).

1st International Symposium GEOPARK & SCIENCES – From Research to Geotourism

The 1st International Symposium of the IGCP 737 project will take place from the 7th - 9th of October 2022 in Rab, Croatia.

It aims to connect scientists of various scientific disciplines (from natural to social sciences), educators, destination managers and tourist workers, medical workers, local communities, non-governmental organizations, and decision-makers to establish foundations for the strategic development of a geopark on a national or local level.

The Geopark synergy based on geoheritage recognition and conservation can provide an environment for overall community benefits including education, scientific research, development of geotourism, ecotourism, agrotourism, medical tourism, outdoor wellness and many other programmes for sustainable development.



<https://progeocroatia.wixsite.com/geopark-and-sciences>

The Organizers welcome all scientists, educators, social and medical workers, tourist workers, entrepreneurs, faculty- and high-school students to take part in the Symposium.

An especial celebration of the International Geodiversity Day will take place on 6th October as an introduction to the Symposium.

[Learn More](#)

UNESCO and iCRAG Collaboration Continues

Run under the patronage of UNESCO, ReSToRE 2 aims to nurture an interdisciplinary and experiential learning environment for geoscientists and social scientists to address cross-cutting topics and to create a network for all participants and contributors. Specifically, the summer school seeks to bring early-career academics and professionals from developing and developed countries together in the same physical space to foster conversations at the nexus of Earth Sciences and Social Sciences.

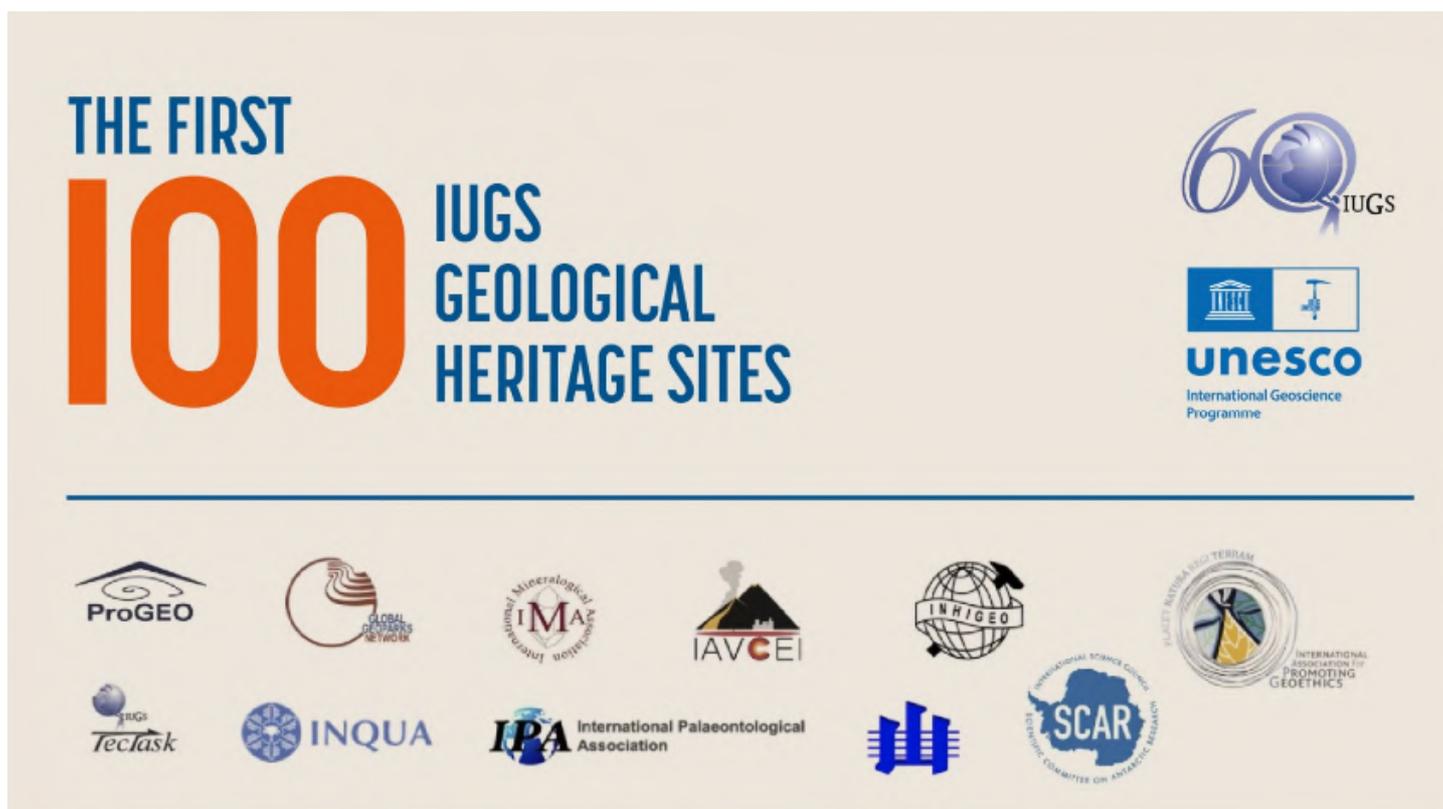


ReSToRE 2 - Researching Social Theories, Resources, and Environment International Summer School



[Learn More](#)

IGCP 731 - First 100 IUGS Geological Heritage Sites



The IGCP 731 project - IUGS Geological Heritage Sites - is working to build a worldwide inventory of geological heritage of international relevance with a special focus on UNESCO Global Geoparks, Geological surveys and research institutions. Geoparks from around the world are cooperating and contributing towards a new IUGS Global Geosite inventory that will be driven and coordinated by the International Commission on Geoheritage (IUGS).

We invite the geoscientific community to join us in discovering and celebrating the first 100 sites!

In this context the project is launching the **"The first 100 IUGS Geological Heritage Sites"** initiative, an event that will take place in October 25th-28th 2022.

Additionally, it is expected that some of the proposers of 10 elected heritage stones will present their stones in person.

With more than 200 experts and 10 international organizations from more than 40 countries participating in the project, "The First 100" will surely be a great encounter with a great celebration!

[Learn More](#)



Earth Futures Festival

Earth Futures Festival connects geoscience and the arts by raising international awareness of the role Earth Science plays in building our sustainable future.

There were 972 total submissions to the festival from 89 countries with the Media Professionals category receiving most entries. The team is currently in the Preliminary Round of Judging to select a number of the best films for the festival and also shortlist the top 21 films as Finalist Films that will go through to a Final Judging Round.

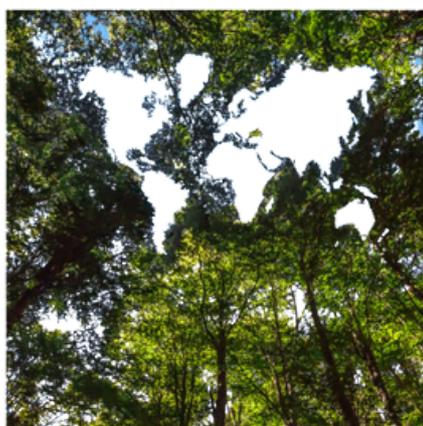
The screening and award ceremony events will be held in person from September to October, 2022, in New York City, Paris and Sydney. Finalist content will be made available for viewing online.

The Festival is organised in collaboration with the United Nations Educational, Scientific and Cultural Organization (UNESCO), International Geoscience Programme (IGCP) Project 685: Geology for Sustainable Development and with the International Union of Geological Sciences (IUGS).

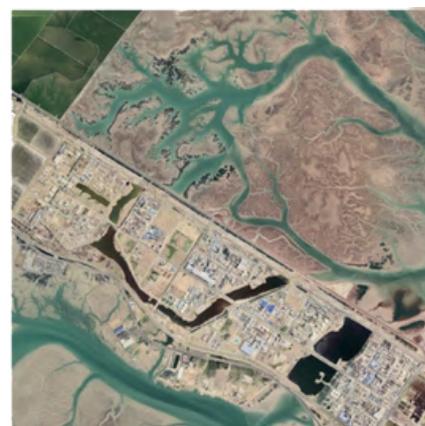
The Festival Advisory Board will provide advice on the approach and direction of the festival to maximise the festival's impact in alignment with its goals. Board members include: Dr. Özlem Adiyaman Lopes, Prof. Chris Jackson, Stephen Oliver and Catherine Jackson.



The Dynamic Earth



Future Earth



Human Connection



[More Information](#)

Women in Geosciences

In combination with the IGCP 50th anniversary, the UN International Day of Women and Girls in Science (11th of February 2022) and the Women's Day on the 8th of March we'd like to celebrate the women in geosciences and particularly those involved in the IGCP projects. These geoscientists play a vital role in the success of so many IGCP projects and without them this would not be possible.

Since 2016 the number of female project leaders has increased by 50% from 21% (35 female leaders of 136 total) to 42% (139 female leaders of 379 total). At UNESCO we are proud to see that the number of female geoscientists are increasing although, there is always room for improvement and more female geoscientists.

In the coming months we'll be releasing a web article with more information on the roles and research conducted by the female project leaders of the IGCP. Stay tuned to our social media!





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International Geoscience
and Geoparks Programme

UNESCO

Section on Earth Sciences &
Geo-Hazards Risk Reduction
Division of Ecological and Earth Sciences
Natural Sciences Sector
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