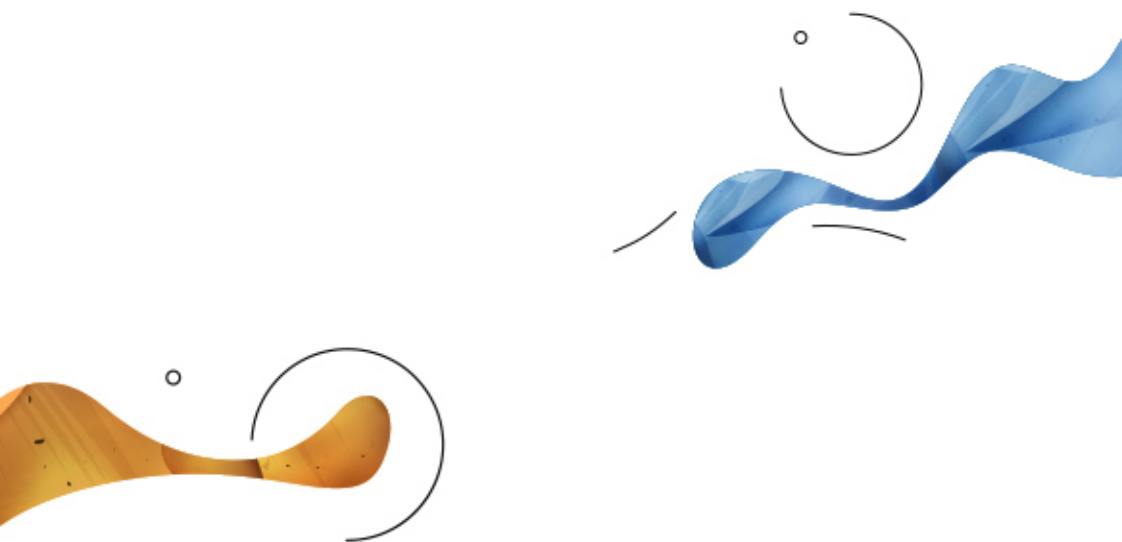


Intensive Course
Leadership in Geological Heritage Conservation - Arab Region
Regional Edition I – 2022

December 12 - 14, 2022
Steigenberger Tahrir Hotel, Cairo, Egypt



INTERNATIONAL GEOSCIENCES AND GEOPARKS PROGRAMME
&
GEO-SCHEMAS - MANAGEMENT SCHEMES FOR UNESCO GLOBAL GEOPARKS
IN LATIN AMERICA, THE CARIBBEAN, WEST - AND NORTH AFRICA (ARAB STATES)



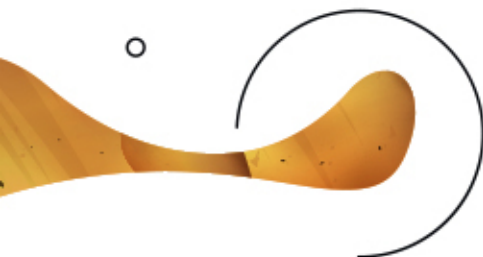
Date: December 12-14, 2022



Timeline: 9:00- 17:00 PM



Venue: Stelgenberger Tahrir Hotel, Calro, Egypt



I. Background

The International Geoscience and Geoparks Programme is a flagship initiative launched by the United Nations Educational, Scientific and Cultural Organization (UNESCO) in 1972. The Programme embraces two complimentary poles of the earth science; namely, the International Geoscience Programme and the UNESCO Global Geoparks (UGGp). Since its initiation, the International Geoscience Programme has fostered intellectual leadership in geoscience and empowered a global network bringing together scientists and scholars to build strong scientific foundations of the future of planet Earth.

The International Geoscience and Geoparks Programme targets UGGps. The origin of the Geopark concept dates back to the mid-nineties following the recognition of the geological heritage value and the importance of the conservation of geological significance areas in Earth history. UGGps offer learning platforms to build a greater understanding of the instilled relationships between society and earth's resources, climate change impacts and natural hazards risks. Currently, the concept has been adopted in one hundred and seventy-seven (177) sites distributed in forty-six (46) countries all over the world.

The Arab region represents a hub of unfolded knowledge of the majority of the Earths' history over millions of years of geological evolution. This is encapsulated in land formations which date back to the Cenozoic, Mesozoic, Paleozoic, Proterozoic, and Archean Eras. The region hosts geological landmarks "that stretch across the coasts of the eastern and southern Mediterranean basin and the Indian Ocean, as well as inland valleys, mountains, and high plateaus". The marked richness in geological formations in the Arab region contains records from all eras, featuring diversity in the ecological profiles, economic dynamics, trade, and societies of each of the countries, so as to bring an added dimension to the differences in culture and traditions. The geological formations in theregion, which showcase existing interlinkages between human civilization and natural resources, can be seen in the well-preserved M'Goun UNESCO Global Geopark in Morocco's Atlas Mountains.



Additionally, the region holds hidden gems of geological heritage in Jebel Amoura and Dinosaur footprints sites in Algeria, Wadi El Hitan and Khashm El-Galala in Egypt, Wadi Rum and Mujib in Jordan, Sawa lake in Iraq, Al-Liyah in Kuwait, Jeita cave and Sahel Alma in Lebanon, Jabal Al Awanat in Libya, Timiris Canyon in Mauritania, the Semail Ophiolites and Musandam peninsula in Oman, Jordan valley in Palestine, Khawr al Udayd in Qatar, the Harrat in Saudi Arabia, Sabaloka Inlier in Sudan, Palmyra in Syria, Chott el Djerid in Tunisia, Ruwaiss fossil site in the United Arab Emirates, and Hadhramaut Mountains in Yemen.

II. Context

Since its inception, the community-led approach of UGGp is multidimensional combining conservation principles with sustainable development goals. It involves the conservation of geological resources, the promotion of sites of international interest for science, and promoting education and reinforcing and framing a culture for geotourism. The approach taps on the establishment of a conducive environment for entrepreneurship and innovation in development and nature-based tourism. The inclusive UGGp's concept is driven by the participation of all relevant local and regional stakeholders and authorities in the area among which: scientists, local communities, tourism providers, indigenous people, land owners, and local organizations.

Building capacities of professionals and practitioners from all sectors to pave the way for the establishment of the Arab Geopark Network is essential to promote UGGps in Arab Member States. The Leadership course on geological heritage conservation will ensure a well-rounded UGGPs community of practices equipped to lead the development of designation dossier and management plans, designing national and local creative economy schemes, and setting paths for geotourism policies.



Day 1 December 12, 2022



Opening Remarks

9:00 : 9:20

Dr. Ahmed Salama - EEAA

*Dr. Nuria Sanz – UNESCO Regional Bureau
for Sciences in the Arab States, Cairo – Egypt*

Ice breaking & Setting the Scene

9:20 : 9:45

*Dr. Elsa Sattout – Regional Programme
Specialist, EES Programme, UNESCO Cairo
- Egypt*

Module 1 – UNESCO Global Geoparks: Overview & Designation Process

9:45 : 10:15

M 1—LC1.1. UNESCO Global Geoparks:
Definition & Designation Process

*Dr. Elsa Sattout – Regional Programme
Specialist, EES Programme, UNESCO
Cairo - Egypt*



Module 1 – UNESCO Global Geoparks: Overview & Designation Process

- 10:15 : 11:00** **M 1—LC1.2.** UNESCO Global Geoparks:
History & Concept
Mr. Kristof Vandenberghe – Chief of Section,
Earth Sciences and Geo-Hazard Risk
Reduction, UNESCO HQ, Paris.
- 11:00 : 11:15** **Coffee Break**
- 11:15 : 11:45** **M 1 — LC1.3.** Global Geopark Network
Dr. Artur Sá – Representative, Global
Geopark Network, Portugal
- 11:45 : 12:30** **M 1 — LC1.4.** Regional UGGps Networks:
Specificity & Prospects
Dr. Artur Sá – Representative, Global
Geopark Network, Portugal
- 12:30 : 13:30** **M1 — LC1.5.** Self-Assessment Checklist
of potential UGGps
Dr. Elsa Sattout & Member States
Representatives – Interactive discussions –
- 13:30 : 14:30** **LUNCH**





Module 2 – Geological Heritage: Value for Conservation & Development

14:30 : 15:15

M2 — LC2.1. UGGPs: What is needed
to know from A to Z

Dr. Patrick Mc Keever – Special Advisor,
Global Geoparks Network, Ireland

15:15 : 15:45

M2 — LC2.2. Community-based
conservation approaches

Dr. Patrick Mc Keever – Special Advisor,
Global Geoparks Network, Ireland

15:45 : 16:30

M2 — LC2.3. Natural Heritage Conservation:
Case Studies from around the World

Dr. Mohamed Talaat – Expert, Natural
Heritage Conservation & Management, Egypt

16:30 : 17:00

Navigation Meeting I - Participants



Day 2 December 13, 2022

Setting the Scene for Day 2



Module 3 – Geological Heritage: Arts, Creativity and Management

9:15 : 10:15

M3—LC3.1. Local communities and livelihoods: Hospitality & Entrepreneurship
Dr. Ines Klemm – Expert, Natural Heritage Conservation & Management, Switzerland

10:15 : 11:00

M3—LC3.2. Creative Economy: Explore & Craft
Dr. Ines Klemm – Expert, Natural Heritage Conservation & Management, Switzerland

11:00 : 11:30

Coffee Break

11:30 : 12:15

M3—LC3.3. Geotourism: Concept & Strategy Design
Dr. Elsa Sattout – Regional Programme Specialist, EES Programme, UNESCO Cairo – Egypt

12:15 : 13:00

M3—LC3.4. Management Effectiveness Toolkit -ArabMAB: Principles & Applications
Dr. Elsa Sattout – Regional Programme Specialist, EES Programme, UNESCO Cairo – Egypt

13:00 : 14:00

LUNCH





Module 4 – UGGPs Learning Spaces – Science Cafés

14:00 : 14:45

M’Goun UGGp – Morocco

Dr. Brahim Nait Ouacha – Expert, M’Goun
UNESCO Global Geopark, Morocco

14:45 : 15:30

Tumbler Ridge UGGp - Canada

Ms. Sarah Gamble & Ms. Jenna Mc. Queen –
Tumbler Ridge UNESCO Global Geopark,
Canada

15:30 : 16:15

Arouca UGGp - Portugal

Dr. Artur Sá – Arouca UNESCO Global Geopark,
Portugal

16:15 : 17:00

Las Loras UGGp - Spain

Ms. Karmah Salman – Las Loras UNESCO
Global Geopark, Spain

17:00 : 17:30

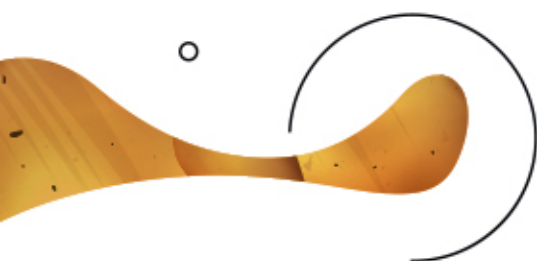
Navigation Meeting II -Participants



Day 3 December 14, 2022

7:00 : 17:00

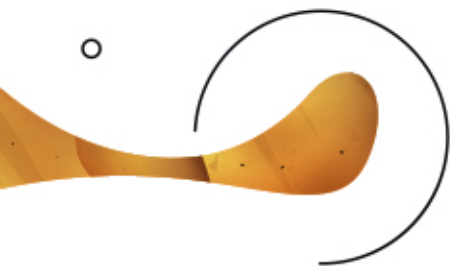
Field visit to Wadi El Hitan (Whales Valley),
El Fayoum Guide: Dr. Mohamed Talaat





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The Art of Conservation in UNESCO Global Geoparks - Arab Region -



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