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

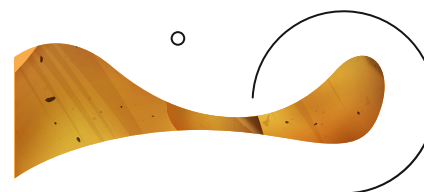
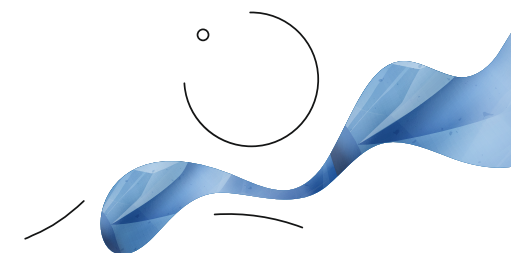


Ecology & Earth Sciences Programme  
UNESCO Regional Bureau for Sciences in the Arab States  
Cluster Office for Egypt and Sudan  
6th of October City - Tawasout Al-Shamaleya  
15525 Greater  
<https://en.unesco.org/fieldoffice/cairo>  
<https://en.unesco.org/global-geoparks>

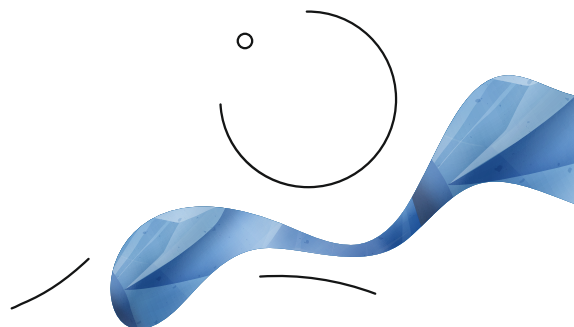


## Intensive Course Leadership in Geological Heritage Conservation - Arab Region Regional Edition I – 2022

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)



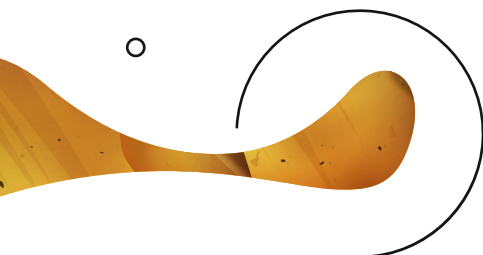
Date: December 12-14, 2022



Timeline: 9:00- 17:00 PM



Venue: Steigenberger Tahrir Hotel, Cairo, Egypt



### UGGps websites\_

#### • M'Goun UGGp – Morocco:

<https://en.unesco.org/global-geoparks/mgoun> &

<https://www.geoparc-mgoun.ma/>

#### • Tumbler Ridge UGGp – Canada:

<https://www.tumbleridge.ca/Things-To-Do/Sites-Attractions/Geopark> &

<https://en.unesco.org/global-geoparks/tumbler-ridge>

#### • Arouca UGGp – Portugal:

<https://en.unesco.org/global-geoparks/arouca> &

<http://www.aroucageopark.pt/en/>

#### • Las Loras UGGp – Spain:

<https://en.unesco.org/global-geoparks/las-loras> &

<http://proyectogeoparquelasloras.es/>

### Field visit to Wadi El Hitan

December 2022 ,14 – The participants will visit Wadi Al-Hitan located in Fayoum. The site inscribed in the World Heritage Convention list in 2005, is recognized as for its global importance demonstrating the iconic evolution of the whales. It presents vividly the transition of the whales from moving from land animals to marine existence. Wadi El Hitan holds marked number and concentration of fossils preserving their good quality and display in an attractive and protected landscape. The World Heritage property is a strictly protected zone, set within the wider landscape of Wadi El-Rayan Protected Area. The site contains invaluable fossil remains of the earliest, and now extinct, such as the suborder of whales, Archaeoceti. The fossils material found in the site allow to reconstruct the surrounding environmental and ecological conditions of the time.

For more information: <https://whc.unesco.org/en/list/1186>



### M 3—LC3.4. Management Effectiveness Toolkit-ArabMAB: Principles & Applications

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

#### Lecture Description

The lecture outlines criteria for effective management of natural heritage. It will present the Management Effectiveness Toolkit- ArabMAB [MET-ArabMAB] and the set of indicators developed. The lecture provides the opportunity to grasp and demonstrates the notion of upscaling lessons learned on Multilateral Environmental Agreements (MEAs) - Biodiversity and Chemical clusters and Sendai Framework for Disaster Risk Reduction 2030-2015 from local level to national and regional level.

#### Learning Outcomes

Upon successful completion of the module, the participants will be able to:

- Acquire good understanding of the series of indicators set for the measurement of the effective management of UNESCO Designated Sites – UNESCO Biosphere Reserves (BRs);
- Comprehend the important role of UNESCO BRs in the implementation of MEAs – Biodiversity Clusters and Chemical Cluster and the SFDRR 2030-2015;
- Understand the application of the MET-ArabMAB and its use in the development of Management plans of UNESCO designated Sites – UNESCO BR and UGGps.

### MODULE 4 – UGGPS LEARNING SPACES

#### Science & Knowledge Cafés

#### Module Description

The module 4 aims to present the leadership skills needed for successful conservation and effective management of geological heritage while brining experience from all over the world. The module entails running short videos (audio-visual aids) and interactive discussions to learn about the dynamic and history of the implementation of UGGps Concept. The module will provide the opportunity to learn about the success stories of geological heritage conservation and management, grasp the challenges faced by UGGps and the pathways for best practices, and draw a clear picture of the evolution of geological heritage conservation and management in UGGps.

The Science and Knowledge Cafés will bring managers of UGGps from Morocco, Canada, Portugal and Spain to tell their stories and present their experience in geological heritage conservation and management.

#### M'GOUN UGGP – MOROCCO

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

#### TUMBLER RIDGE UGGP - CANADA

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

#### AROUCÁ UGGP - PORTUGAL

Dr. Artur Sá – Arouca UNESCO Global Geopark, Portugal

#### LAS LORAS UGGP - SPAIN

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

## A PIONEERING REGIONAL EDITION LEADERSHIP COURSE

### Earth Heritage Conservation

Building capacities of professionals and practitioners from all sectors to pave the way for the establishment of the Arab Geopark Network reveals to be essential to promote UNESCO Global Geoparks (UGGs) in Arab Member States. The Leadership course on geological heritage conservation targets members of the National Geopark Committees in the Arab States. The course organized by UNESCO Regional Bureau for Sciences in the Arab States in the context of the International Geosciences and Geoparks Programme and the Geo-Schemas project funded by AECID, brings together professionals from 13 countries in the region. It aims to ensure a rounded UGGs community of practices well-equipped to lead the development of designation dossier and management plans, designing national and local creative economy schemes, and setting paths for geotourism local policy instruments.

The course features lectures given by 7 international and regional experts and 5 practitioners fostering interactive discussions and giving spaces for better understanding of the spectrum of readiness of potential UNESCO

Global Geoparks from the Arab region. Professionals attending the

leadership course will visit Wadi El Fayoum, a UNESCO World Heritage Site with marked geological significance and displays of fossils which tell the story of the earth evolution.

A first cohort of **30** professionals and **7** practitioners will be defining the spectrum of readiness of aspiring UGGs in 13 Arab Member States during the 2022 first regional edition of the leadership course dedicated to Members of National Geopark Committees.

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with marked



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"Since wars begin in the minds of men and women it is in the minds of men and women that the defences of peace must be constructed"

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Elsa Sattout

##### LC1.2. UNESCO Global Geoparks: Definition & Designation

By Dr. Elsa Sattout

##### LC1.3. Global Geopark Network By Dr. Artur Sá

##### LC1.4. Regional UGGps Networks: Specificity & Prospects

Artur Sá

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### Module 2 – Geological Heritage: Value for

#### Conservation and Development

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

Patrick Mc Keever

##### LC2.2. Community-based conservation approaches

Patrick Mc Keever

##### LC2.3. Natural Heritage Conservation: Case Studies from

the World By Dr. Mohamed Talaat

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### Module 3 – Geological Heritage: Arts, Creativity

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##### LC3.1. Local communities and livelihoods: Hospitality

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##### LC3.2. Creative Economy: Explore & Craft By Dr. Ines Klemm

##### LC3.3. Nature-Based Tourism: Concept & Approaches

Elsa Sattout

##### LC3.4. Management Effectiveness Toolkit-ArabMAB:

Uses & Applications By Dr. Elsa Sattout

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### Module 4 – UGGPs Learning Spaces – Science Cafés

LC4.1. UGGp – Morocco By Dr. Brahim Nait Ouacha

LC4.2. UGGp – Portugal By Dr. Artur Sá

LC4.3. UGGp – Spain By Ms. Karmah Salman

LC4.4. UGGp – Canada By Ms. Jenna McQueen and Ms. Sarah Gamble

## Additional references\_

- Ackerman, Diane. 1995, A Natural History of The Senses. Vintage Books, 1995, 1st Edition, New York
- Rapaille, Clotaire, 2007. The Culture Code. Broadway Books.
- Augé, Marc. 1995, Non-Places: Introduction to an Anthropology of the Modern Condition. Supermodernity, translated by John Howe, Verso, London/New York
- Ines Klemm, 'Introduction' in Grand Hotel: the Golden Age of Hotels and the Modern Hotels; an Architectural and Social History, ed. Marc Walter, David V. White, and Hugh Montgomery-Massingberd, Pierre-Jean Rémy and Frédéric G. L. (Vendome Press, New York, 1984)
- Damasio, Antonio R., 'Descartes' Error: Emotion, Reason and the Human Mind' (Vintage, London, 2006).
- Finlay, Victoria, Colour: Travels Through the Paintbox (Sceptre, London, 2002).
- Green, Lorna, 'Colour Transformations of Ancient Egyptian Pigments' in Colour and Painting in Ancient Egypt, ed. Davies, W. V. (British Museum Press, London, 2001).
- Ostwald, Wilhelm, Colour Science. Part I: a Handbook for Advanced Students in Schools, Colleges, and the Various Arts, Crafts, and Industries. Depending on the Use of Colour (Winsor and Newton, London, 1933)
- Klemm, Ines, Colour Energy and Wellbeing: the Lessons of the Origin of Colour (PhD, 2014)
- Colour reading: [blog.latrace.ch](http://blog.latrace.ch)

## Eco-quotes\_

- We have to relearn to think about space. Marc Augé
- The aim of every man should be happiness. These are the fundamental parts of his belief; these he learns from his childhood; they are born with him. Harlod Fielding Hall
- Emotions are the keys to learning, the keys to imprinting. The stronger the emotion, the more clearly the experience learned. (...) Emotions create a series of mental connections (...) that are reinforced by repetition. The mental highways condition us to see the world in predictable ways. Clotaire Rapaille
- If we don't change the world, the world will change us. Ines Klemm
- We have found that the smallest particles no longer have the proper meaning, matter at all, but that matter disappears. What remains are actually relational structures. Geseko von Luebke (relating to Max Planck)
- You can only make the beginning once, before the beginning. Otherwise, one can only decide to start again. Ines Klemm

## M3—LC3.3. Nature-Based Tourism: Concept & Approaches

By Dr. Elsa Sattout – Regional Programme Specialist, EES Programme, UGGP – Cairo – Egypt

## Learning Outcomes\_

Upon successful completion of the module, the participants will be able to:

- Acquire good understanding of the principles of nature-based tourism and its application in eco-tourism and sustainable tourism;
- Comprehend the application of nature-based tourism and the main drivers for successful strategies and action plans;
- Grasp the important role of public private partnerships in nature-based tourism.

### **Learning Outcomes\_**

Upon successful completion of the module, the participants will be able to:

- Acquire good understanding of the Community Based Conservation Approaches;
- Comprehend the principles and application of geoconservation and relevant approaches;
- Grasp the important role of local communities and their contribution to geoheritage and geoconservation.
- Understand that legislation is often not needed within the geoconservation movement.

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

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

### **Lecture Description\_**

The lecture presents the concept and principles of natural heritage conservation. It outlines the involvement of all stakeholders while brining case studies from around the world.

### **Learning Outcomes\_**

Upon successful completion of the module, the participants will:

- Acquire a good understanding of conservation pathways;
- Visualize a map of potential stakeholders involved in natural heritage conservation and management;
- Draw an initial picture of the challenges of natural heritage conservation.

### **MODULE 3 – GEOLOGICAL HERITAGE: ARTS, CREATIVITY AND MANAGEMENT**

### **M 3—LC3.1. Local communities and livelihoods: Hospitality & Entrepreneurship**

### **M3—LC3.2. Creative Economy: Explore & Craft**

*Dr. Ines Klemm* – Expert, Natural Heritage Conservation & Management, Switzerland

### **Lecture Description\_**

The lecture focusses on the potential and role of integrated art and architecture as a driver of success in Geological Heritage Conservation. It discusses the qualities and demands of “The holistic entrepreneur” with regards to hospitality, design, and concept briefs and explore how the collaboration between artists, architects, operators, investors, and leadership experts can be improved for the benefit of all stakeholders.

### **Learning Outcomes\_**

Upon successful completion of the module, the participants will be able to:

- Comprehend the relation of creativity in hospitality, design, leadership, and management;
- Acquire basic knowledge in sensory perception and decision-making patterns;
- Become acquainted with holistic colour energy regulation – scientifically based;
- Realize the importance of understanding craftsmanship, cultural exploration

## **Our Speakers**



**Dr. Nuria Sanz** — Regional Director and UNESCO representative at UNESCO Regional Bureau for Sciences in the Arab States in Cairo, has developed her professional career as an expert in natural and cultural heritage management in multilateral institutions since 1995. Throughout her professional career, she was appointed Director and Representative of UNESCO in Mexico in 2013 where she implemented more than 30 projects on indigenous knowledge, on bio-cultural heritage of peasant communities, on crafts and on linguistic diversity. Dr. Sanz is the editor and author of specialized publications on public international law for the preservation of biological and cultural heritage, traditional and indigenous knowledge and author and editor of more than 40 publications on World Heritage, especially on issues related to human evolution and cultural diversity. In 2009, she was appointed UNESCO's Global Coordinator for Rock Art Heritage. Dr. Sanz is an archaeologist and anthropologist and she holds a PhD in Prehistory from the Complutense University of Madrid in Spain and a PhD in Human Ecology from the University of Tübingen in Germany.

**Dr. Elsa J. Sattout** — Regional Programme Specialist of the Ecology and Earth Sciences Programme at UNESCO Regional Bureau for Sciences in the Arab States in Cairo. Dr. Sattout is an interdisciplinary professional and a passionate conservationist, teacher and scholar with +25 years of experience. She worked with international organizations as well as government agencies and the private sector in the Arab region on development projects and research initiatives related to numerous fields of biodiversity conservation, ecosystem restoration, climate change, environmental economics, natural heritage management and sustainable development. Dr. Sattout has strong expertise in the governance of environmental policies and conservation and adaptation instruments, as well as in national and regional strategic and inclusive socioeconomic-environmental planning. She is the author of 3 books of which “Geological Heritage in the Arab region: Value for Research and Development” and lead author of various chapters. She has published manuscripts and articles in peer reviewed journals. Dr. Sattout is an Agriculture Engineer and holds an MSc. degree in Biodiversity Conservation and a PhD degree from the University of Reading in the UK. She was awarded Myriam Rothschild Scholarship for the MPhil in Conservation Leadership at Cambridge University in 2014.





**Prof. Patrick Mc Keever** — Prof. Mc Keever is assisting UNESCO Montevideo and UNESCO Cairo in laying the basis for the future creation of UNESCO Global Geoparks across the Latin America and Caribbean region as well as the Arab States of north Africa. He held the position of Chief of Section for Earth Science at UNESCO HQ in Paris from 2018–2012. In 2015, he coordinated on behalf of the Secretariat, the creation of the International Geoscience and Geoparks Programme including the UNESCO Global Geoparks site designation.

**Dr. Artur Sá** — Member of the Executive Board of the Global Geoparks Network, is a Senior Evaluator of UNESCO Global Geoparks. He is an Associate Professor in the Department of Geology at the University of Trás-os-Montes e Alto Douro in Portugal. Dr. Sá is the Chair Holder of UNESCO Chair on ‘Geoparks, Regional Sustainable Development and Healthy Lifestyles’.



**Dr. Ines Klemm** — Founder and CEO of Latrace, works on holistic approaches in the fields of strategy consulting as well as architecture and interior design. She holds a PhD degree for her thesis on “Colour Energy and Wellbeing: the Lessons of the Orient”. Dr. Klemm has a Diploma in Architecture & Design from the State Academy of Fine Arts in Stuttgart, at the University of Edinburgh, and a Proficiency in Hospitality Management from Ecole hôtelière de Lausanne (EHL).

**Dr. Karmah Salman** — Director and manager of Las Loras UNESCO Global Geopark since its declaration in 2017, started working on the Las Loras UGGP portfolio since 2004. She holds a PhD degree in Geology from the University of Granada in Spain. Dr. Salman did her post-doctorate at the University of Paris Sud in France.



- UNESCO (2017). Declaratoria Fundacional De La Red De Geoparques Mundiales De América Latina Y El Caribe. Accessed November 2022 ,21, at <https://unesdoc.unesco.org/ark:/48223/pf0000250082>
- UNESCO (2019). New UNESCO Global Geoparks Network to support Africa’s rich geological heritage. Accessed November 2022 ,21, at <https://en.unesco.org/news/new-unesco-global-geoparks-network-supportafricas-rich-geological-heritage>
- UNESCO (2022). Priority Africa. Accessed November 2022 ,21, at <https://en.unesco.org/priorityafrica>
- UNESCO: <https://en.unesco.org/global-geoparks>
- Zouros, N., & Mc Keever, P. (2004). The European geoparks network. Episodes, 171–165 ,(3)27.

#### Eco-quotes\_

- All that is valuable in human society depends upon the opportunity for development accorded the individual. (Albert Einstein);
- Some people want it to happen, some wish it would happen, others make it happen. (Michael Jordan)
- There is nothing is more musical than a sunset. He who feels what he sees will find no more beautiful example of development in all that book which, alas, musicians read but too little - the book of Nature. (Claude Debussy);
- A people without the knowledge of their past history, origin and culture is like a tree without roots. (Marcus Garvey).

## **MODULE 2 – GEOLOGICAL HERITAGE: VALUE FOR CONSERVATION & DEVELOPMENT**

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

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

#### Lecture Description\_

The lecture outlines the operations of the concept UGGPs. It gives an overview on UNESCO designated sites and an overview of UGGPs criteria.

#### Learning Outcomes\_

Upon successful completion of the module, the participants will be able to:

- Understand the UGGp concept;
- Comprehend the role of local people in UGGp’s;
- Understand the holistic approach to heritage used in UGGp’s;
- Realize how local communities can contribute to the operation of UGGp’s;
- Understand the basics of the application process and decision making process.

### **M2 — LC2.2. Community-Based Conservation Approaches**

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

#### Lecture Description\_

The lecture outlines the Community-based Conservation Approaches (CBCA) in geological heritage conservation and its origin. It demonstrates the ways of involving local people in geoheritage and geoconservation movements.

### Eco-quotes\_

- Never doubt that a small group of thoughtful committed citizens can change the world: Indeed it's the only thing that ever has. (Margaret Mead);
- Sustainable development is the pathway to the future we want for all. It offers a framework to generate economic growth, achieve social justice, exercise environmental stewardship and strengthen governance. (Ban Ki-moon);
- Great discoveries and improvements invariably involve the cooperation of many minds. I may be given credit for having blazed the trail, but when I look at the subsequent developments I feel the credit is due to others rather than to myself. (Alexander Graham Bell);
- It is my firm belief that I have a link with the past and a responsibility to the future. I cannot give up. I cannot despair. There is a whole future, generations to come. (Hussein of Jordan).

### **M1 — LC1.4. Regional UGGps Networks: Specificity & Prospects**

*Dr. Artur Sá* – Representative, Global Geopark Network, Portugal

#### Lecture Description\_

The lecture addresses the history of regional networks of geoparks and their importance for networking. It presents projects with transnational funding, the organization of events and thematic working groups, among others. The lecture sheds the light on present and future strategic importance of geoparks networks. A small movie about the Atlantic-Geoparks Project (European Geoparks Network) will be presented and discussed.

#### Learning Outcomes\_

Upon successful completion of the module, the participants will:

- Become acquainted with the existence and importance of the Regional Networks of UGGps;
- Comprehend the importance of these networks for cooperation, mobility and share of good practices;
- Realize the importance of networking for obtaining and implementing educational, scientific and regional development projects, actively involving geoparks and aspiring geoparks from UGGps regional networks.

#### Additional references\_

- Sá, A. A., Barriuso, L., Bourdoulous, J., Costa, P. Doyle, E., Duarte, A., Galvin, R., Hernández Blanco, J., Lourenço, M., Mateo Mederos, E., O'Connor, G., Tyler, R., Woodley-Stuart, C., Zouros, N., Gabriel, R. (2019). Atlantic-Geoparks: an INTERREG Atlantic Area Project for the Geotourism Promotion and Development. In Book of Abstracts of the 15th European Geoparks Conference. Geoparks: memory of Earth, future for People. Natural Park, Sierra Norte de Sevilla, Spain (p. 77).
- Silva, E.M.R. (2020). The contribution of the European UGGp for the 2030 Agenda for Sustainable Development – a study based on several data sources. Unpublished PhD thesis. Nova University of Lisbon, Lisbon, 340 p. <https://run.unl.pt/handle/114994/10362>
- UNESCO (2016). UNESCO Global Geoparks: celebrating earth heritage, sustaining local communities. Accessed November 2022 ,21, at <https://unesdoc.unesco.org/ark:/48223/pf0000243650>



**Dr. Mohamed Talaat** – Former Undersecretary for Protected Areas of Egypt at the Ministry of Environment, is also an IUCN WCPA, SEM Commission member, and an expert in Natural Resources & Biodiversity Conservation and World Heritage & Protected Areas Management. He received his PhD on Ecology and environmental management of wetland ecosystems in 2010, master's degree in science in 2000 on Plant/Fresh Water Ecology and his Diploma in management of water resources in 2004.

**Mr. Brahim Ouacha** – A member of the M'goun geopark association, holds a master's degree in geology as well as geoenvironment landscapes and risks. He is currently preparing his PhD in Geology and Geotourism.



**Ms. Sarah Gamble** – President of Canadian Geoparks Network, is the founding partner of Moose & Muskwa Consulting Inc. She has built on five years of heritage and non-profit management experience, with a background of 22 years of experience working as a consulting archaeologist and traditional use specialist. She is member of the Global Geoparks Network Advisory Council, member of UNESCO Global Geoparks Council and a professional member of the British Columbia Association of Professional Archaeologists. As the founding executive director of Tumbler Ridge UNESCO Global Geopark in British Columbia, Ms. Gamble acquired a good understanding of projects development, team building, raising operating funds for non-profits, and engaging a network to support an idea.

**Ms. Jenna McQueen** – Operations Manager of the Tumbler Ridge UNESCO Global Geopark, is a member of the Lutsel K'e Dene First Nation in the Northwest Territories of Canada. Growing up in Tumbler Ridge, she was captivated by the outdoors. She now enjoys hiking, camping, riding ATVs and cross-country skiing. Ms. McQueen has been an active community member, sitting on numerous Boards of Directors, coaching junior sports and volunteering for many organizations. She draws inspiration from her Indigenous language, history and traditions to teach her children the stories of the land and how to cherish the culture they came from. Ms. McQueen worked closely with the surrounding First Nations communities for six years to ensure their stories are presented and taught accurately throughout the Geopark.



## First Edition Modules

### MODULE 1 – UNESCO GLOBAL GEOPARKS: OVERVIEW & DESIGNATION PROCESS

#### M 1—LC1.1. UNESCO Global Geoparks: History & Concept

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

##### Lecture Description

The lecture presents the historical background of UNESCO Global Geoparks (UGGps) and the evolution of the concept since its foundation. It sheds light on the governance of the UGGps and the structure of management. It entails a virtual tour to UGGps from around the world.

##### Learning Outcomes

Upon successful completion of the module, the participants will:

- Be aware of the origin and foundation of UGGps;
- Acquire good understanding of the concept of UGGps;
- Comprehend the governance of UGGps and the collateral competent bodies.

##### Additional references

- FAQ [Frequently Asked Questions]: [https://en.unesco.org/sites/default/files/4\\_drupal\\_faqs\\_general\\_version\\_5\\_november\\_clean.pdf](https://en.unesco.org/sites/default/files/4_drupal_faqs_general_version_5_november_clean.pdf)
- UNESCO Global Geopark Brochures: Celebrating earth heritage, sustaining local communities: <https://unesdoc.unesco.org/ark:/48223/pf0000243650>

#### M 1—LC1.2. UNESCO Global Geoparks: Definition & Designation Process

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

##### Lecture Description

The lecture presents the concept of UGGps and sites attributes. It outlines in details the designation process and the evaluation and re-evaluation and their timelines.

##### Learning Outcomes

Upon successful completion of the module, the participants will:

- Acquire good understanding of the importance of UGGps in geological heritage conservation and management;
- Comprehend the attributes and parameters of aspiring UNESCO Global Geoparks (aUGGps);
- Be able to assess the readiness of the aUGGps in their country through the use of the developed checklist;
- Be able to follow up on the preparation of the designation dossier and guide relevant entities on the designation process.

##### Additional references

- How to become a geopark: <https://en.unesco.org/global-geoparks/how-to-become-geopark>
- List of Geoparks and Regional Networks: <https://en.unesco.org/global-geoparks/list>

- How to revalidate, extend and rename your Geopark: <https://en.unesco.org/global-geoparks/revalidate-extend>
- UNESCO Global Geoparks: celebrating earth heritage, sustaining local communities – Map: <https://unesdoc.unesco.org/ark:/48223/pf0000247511>
- National Geopark Committee: <https://en.unesco.org/global-geoparks/national-geopark-committees>

#### M 1 — LC1.3. Global Geopark Network

*Dr. Artur Sá* – Representative, Global Geopark Network, Portugal

##### Lecture Description

The lecture outlines and presents the history, mission and vision of the Global Geoparks Network (GGN). It presents the GGN importance and its contribution to the sustainable development of territories.

##### Learning Outcomes

Upon successful completion of the module, the participants will:

- Become acquainted with the mission and vision of GGN;
- Comprehend the UGGps concept and its global distribution;
- Acquire basic knowledge in about the economic and social impact fostered by UGGps;
- Realize the importance of complying with the UNESCO Guidelines for UGGps and the networking of these territories.

##### Additional references

- Martini, G., Zouros, N., Zhang, J., Jin, X., Komoo, I., Border, M., Watanabe, M., Frey, M.L., Rangnes, K., Tan Van, T., Melo, J.P.P., Patzak, M., Hilario, A., Nakada, S. & Sá, A.A. (2021). UNESCO Global Geoparks in the “World after”: a multiple goals roadmap proposal for future discussion. Episodes. <https://doi.org/10.18814/epiugs/021002/2021> .
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