



International Intensive Course on UNESCO Global Geoparks

UNESCO Global Geoparks and Sustainable Management

May 27th – June 3rd 2024

Programme



International Intensive Course on UNESCO Global Geoparks 2024

1st Day – Monday May 27th 2024

Municipal Theatre of Mytilene

17:00 - 18:00	Registration	Registration of the participants
		OPENING CEREMONY OF THE COURSE: UNESCO Global Geoparks and Sustainable Management
18:00 - 20:00	Opening Ceremony	20th Anniversary of the Global Geoparks Network Welcome by the Course Director Prof. Nickolas Zouros Welcome by the Mayor of Mytilene Mr P. Christofas Welcome by the Mayor of Western Lesvos Mr T. Verros Welcome by the Regional Governor Mr. K. Moutzouris Greetings by the Rector of the University of the Aegean Greetings by the President of the Hellenic National Commission for UNESCO Mrs A. Tzitzikosta Greetings by the Head of UNESCO Earth Sciences and Geoparks Section Kristof Vandenberghe Opening Speech by Dr. Guy Martini, Chair of the UNESCO Global Geoparks Council Geoparks, Heritage and Local Communities : 20th Anniversary of a Global adventure
		Presentation of the Course
		Audiovisual presentation – Lesvos UNESCO Global Geopark
		Presentation of the GGN 20th Anniversary productions VIDEOS
		Awards to main contributors of Lesvos Geopark
20:00 - 22:00	Welcome Party	

2nd Day – Tuesday 28th May 2024

LECTURES (Kalloni High School Lecture Room)

Time	Tutor	Topic	Thematic	Method
	UNIT 1	DEFINING THE GEOPARK CONCEPT		
09:00-09:45	Kristof Vandenberghe Chief of Earth Sciences and Geoparks Section, Division of Ecological and Earth Sciences UNESCO Global Geoparks Secretariat	UNESCO Global Geoparks – The UNESCO programme on Geological heritage management and sustainable development Operation, Quality control and further development	UNESCO Global Geoparks Global Geoparks Network	Lecture
09:45-10.30	Prof. Nickolas Zouros University of the Aegean Lesvos Geopark Coordinator, Greece GGN President	UNESCO Global Geoparks and the Global Geoparks Network – A new strategy for the future <ul style="list-style-type: none"> • GGN Structure • GGN Working Groups & Task forces • GGN Activities & Communication tools 	UNESCO Global Geoparks Global Geoparks Network	Lecture
10.30-11.15	Dr. Kristin Rangnes Gea Norvegica Geopark, Norway GGN Treasurer	UNESCO Global Geoparks as single, unified geographical areas. How to define Geoparks territory. Why administrative boundaries should be followed.	Geopark Management	Lecture
11.15-11.45	COFFEE BREAK			
11.45-13.15	Dr. Guy Martini UNESCO Global Geoparks Council Chair GGN General Secretary EGN Advisory Committee	How to create a successful Geopark?	UNESCO Global Geoparks Global Geoparks Network	Workshop
13.15- 14.00	Panel Discussion of the participants with the UNESCO and the GGN Executive Board Members	THEME: Defining a Geopark: Territory, Management, Challenges	UNESCO Global Geoparks Global Geoparks	Workshop

			Network	
14:00-15:00	Lunch break	Geopark Gastronomy With traditional food from Women Cooperatives		
	UNIT 2	GEPARKS NETWORKING		
15:00-15:45	Dr. Charalambos Fassoulas Psiloritis Geopark President, Greece EGN Vice-Coordinator	Regional Geoparks Networks The European Geoparks Network: Operation - Working Groups and Common Projects	Regional Geoparks Networks	Lecture
15:45-16:30	Kana Furushawa Japanese Geoparks Network General Secretary, Japan GGN Executive Board APGN Vice-Coordinator	National Geoparks Networks The Japanese Geoparks Network – Operation and activities	National Geoparks Networks	Lecture
16:30-17:10	Driss Achbal M’Goun Geopark President, Morocco GGN Executive Board African Geoparks Network Vice-Coordinator	The importance of participation in the International Conference on UNESCO Global Geoparks Organization - Conference Events - Communication: Challenges and Oportunities	Global Geoparks Networking	Lecture
17:10-18:30	Panel Discussion of the participants with the UNESCO and the GGN Executive Board Members	THEME: UNESCO Global Geoparks – Why Networking among Geoparks is essential for Geopark building and succesful operation	Global Geoparks Networking	Workshop
18.30		Return to Hotel - Free time		

3rd Day – Wednesday 29 May 2024

LECTURES (Kalloni High School Lecture Room)

Time	Tutor	Topic	Thematic	Method
	UNIT 3	GEOPARKS AND GEOLOGICAL HERITAGE		
09:00-9:45	Dr. Asier Hilario Basque Coast Geopark Scientific Coordinator, Spain IUGS representative in GGN Executive Board and UGGp Council	Earth Heritage assessment for “International geological significance” in UNESCO Global Geoparks. The procedure and the template	UNESCO Global Geoparks – Geological heritage	Lecture
9.45-10:30	Prof. Xiaochi Jin Chinese Academy of Geological Sciences, China GGN Vice-President APGN Coordinator	Geopark management structure and the role of Geoscientists to support Geoconservation, Geological heritage interpretation, Education and Promotion	UNESCO Global Geoparks Management	Lecture
10.30-11.15	Prof. Ibrahim Komoo Langawi Geopark Scientific Advisor, Malaysia GGN Vice-President APGN Vice-Coordinator	Geological heritage management and Geoparks contribution in sustainable development	UNESCO Global Geoparks - Geodiversity management	Lecture
11:15-11:45	COFFEE BREAK			
11.45-13.00	Panel discussion with participants, the UNESCO and the GGN Executive Board members	THEME: UNESCO Global Geoparks host sites and landscapes of international geological significance managed with a holistic concept of protection, education, research and sustainable development.		
13:00-14:00	LUNCH BREAK	Geopark Gastronomy With traditional food from Women Cooperatives	Local Women Cooperatives	

	UNIT 4	GEOPARKS AND SUSTAINABILITY		
14.00-14:45	Dr. Jutta Weber Bergstrasse-Odenwald UNESCO Global Geopark Director, Germany Chair of the GGN WG on SDG's	UNESCO Global Geoparks and SDG's A road map on sustainable management Geopark Management plan, SDG projects and result monitoring	UNESCO Global Geoparks and SDG's	Lecture
14.45-15.30	Panel Discussion with participants UNESCO and GGN Executive Board members	THEME: UNESCO Global Geoparks and sustainability	UNESCO Global Geoparks and SDG's	Workshop
	UNIT 5	GEOPARKS : HERITAGE – LOCAL PRODUCTS AND SOCIAL INVOLVEMENT		
15.:30-21:30	FIELD TRIP TO THE VOLCANIC FEATURES OF THE NORTHERN LESVOS The Lepetymnos volcano and the geological and cultural heritage of North Lesvos			FIELD TRIP
15.30		Departure to Petra		
16:00-18:00	LESVOS Geopark Team	Visit Petra village Volcanic neck of Petra and Sweet kissing Madonna Church Agios Nikolaos 16 th century basilica	Geological & Cultural Heritage in UNESCO Global Geoparks and Tourism	
18:00-20:00	LESVOS Geopark Team	Departure to Molyvos Coffee break - Enjoy the sunset from Molyvos castle		
		Visit Molyvos castle – The Lepetymnos volcano observatory	IN GROUPS	
20:00-21:30		Dinner in Vafios Traditional Tavern		

4th Day – Thursday 30th May 2024
MYTILENE - UNIVERSITY OF THE AEGEAN

Time	Tutor	Topic	Thematic	Method
08.30-09.20		Departure from Kalloni – Arrival at the University of the Aegean		
	UNIT 6	GEOPARKS OPERATION AND QUALITY ASSESMENT		
09:30-10:15	Dr. Marie-Luise Frey GGN Executive Board UGGp Council GGN IM, Germany	Territories with multiple UNESCO designations. World Heritage Sites, MAB's and Global Geoparks: Challenges and Oportunities	UNESCO Global Geoparks - Multiple site designations	Lecture
10:15-11.00	Prof. Artur Sá Arouca Geopark scientific Coordinator, Portugal UNESCO Chair on Geoparks, sustainable development and healthy lifestyles GGN Executive Board	The Geopark Management Body and its activities - Assessing the operation of a UNESCO Global Geopark What we expect from Geopark evaluation/revalidation and how should be done?	UNESCO Global Geoparks	Lecture
11.00-11.30	COFFEE BREAK			
11:30-12.30	Panel Discussion with participants UNESCO and GGN Executive Board members	THEME: UNESCO Global Geoparks: Evaluation and Revalidation Exercise. Why Quality matters in all fields of Geopark operation?	UNESCO Global Geoparks	Workshop
	UNIT 7	GEOPARKS BUILDING AND OPERATION		

		CHALLENGES AND OPORTUNITIES		
12.30 -13.30	Participants presentations	WORKSHOPS - PART 1 Coordinators ROOM 1 : Guy Martini –John Calder - Driss Achbal ROOM 2: Xiaochi Jin – Marie Luise Frey – Alireza Amrikazemi ROOM 3: Setsuya Nakada -Artur Sa –Jianping Zhang ROOM 4: Ibrahim Komoo - Alexandru Andrassanu – Kana Furusawa	Our Geopark, our geo-identity, our functioning & sustainable development projects	SPLIT IN 4 GROUPS
13:30-14:30	LUNCH BREAK	Geopark Gastronomy Traditional food from Women Cooperatives		
14:30-16:00	Participants presentations	WORKSHOPS – PART 2	Our Geopark, our geo-identity, our functioning & sustainable development projects	SPLIT IN 4 GROUPS
16:00-16:30	COFFEE BREAK			
16:30 -18.00	Panel discussion with participants and GGN Experts	THEME : Geopark Management Body, Staff and Budget	Geopark Management	Workshop
18.00		Return to Hotel		

5th Day – Friday 31st May 2024
LECTURES (Kalloni High School Lecture Room)

Time	Tutor	Topic	Thematic	Method
	UNIT 8	GEOPARK THEMATIC ACTIVITIES AND COLLABORATION		
09:00-09:45	Prof. Jianping Zhang China University of Geosciences Beijing, China GGN Executive Board	Geoparks collaboration and the role of Universities Examples of best practice		Lecture
09.45 -10.30	Prof. Setsuya Nakada Japanese Geoparks Committee Chair UGGp Council Vice-Chair GGN Advisory Committee Chair	Geoparks and Natural Hazards. Raising awareness and support disaster mitigation Examples of good practice		Lecture
10.30-11.15	Dr. John Calder Cliffs of Fundy Scientific Advisor, Canada GGN Executive Board	Geoparks and indigenous people	Geoparks & Indigenous people	Lecture
11.15-11.45	Coffee break			
11:45-12:30	Prof. Alexandru Andrassanu University of Bucharest Hateg Country Geopark Coordinator, Romania UGGp Council Member	Geoparks and Intangible Heritage	Geoparks & Intangible Heritage	Lecture
12:30-13:15	Dr. Alireza Amrikazemi UGGp Council Member	Geoparks Gastronomy: a new initiative for UNESCO Global Geoparks- Local community involvement	Geoparks Gastronomy	Lecture

	Iranian Geoparks Coordinator GGN Advisory Committee			
13:15-14:00	Konstantina Bentana Head of the Education and Communication Section of the Natural History Museum of the Lesvos Petrified Forest Lesvos Geopark, Greece	International Networking and Collaboration in raising public awareness on Geoconservation. The National Thematic School Network on “UNESCO Global Geoparks” and the Educational activities in Lesvos Geopark. How to transfer SDG topics to children?	Geoparks and Educational activities	Lecture
14:00-15:00	Lunch break	Geopark Gastronomy With traditional food from Women Cooperatives		
15:00-16:00	Panel Discussion with participants UNESCO and GGN Executive Board members	THEME: How to reach population involvement inside a Geopark?	UNESCO Global Geoparks & Sustainable Development Goals	Workshop
	UNIT 9	GEOPARKS – GEOLOGY – LOCAL PRODUCTS AND SOCIAL INVOLVEMENT		
16.00-19.00	FIELD VISIT Geoparks and Community Initiatives – The Anemotia Volcano Community Cooperative Association as a case study			
16:00-16:30	Lesvos Geopark Team	The Anemotia volcanic center	Geoparks and Sustainable Development	Field Trip
16:30-17:00		The project for the transformation of a degraded grassland to a productive vineyard		
17:00-18:00		Visit the winery of Anemotia Volcano – Wine tasting		
18:00-19:00	Panel Discussion with participants, UNESCO and GGN Executive Board members	Geoparks and Communities involvement Geoparks and Communities re-generation		Workshop
		Return to hotel		

6th Day – Saturday 1st June 2024
Field Trip to the Lesvos Petrified Forest

Time	Tutor	Topic	Thematic	Method
	UNIT 10	GEOPARKS : GEOCONSERVATION AND TERRITORIAL HERITAGE MANAGMENT		
08:30-10:00	Prof. Nickolas Zouros University of Aegean, Greece Dr. Ilias Valiakos Dep. Director of the Natural History Museum of the Lesvos Petrified Forest, Greece	The Lesvos Miocene Volcanoes: <ul style="list-style-type: none"> • Miocene volcanics and Volcanoes • the Vatousa caldera, the post caldera domes and hydrothermal activity • Pyroclastic avalances, lachars, ash fall layers and palaeosoils. 	Geodiversity management in Geoparks	FIELD TRIP
10:00-11:30	Lesvos Geopark Team	The Lesvos Petrified Forest: Creating an open air Museum along the Kalloni - Sigri road A major Geo-Conservation project : methods and protection	Geodiversity management in Geoparks	FIELD TRIP
11.30-12:00	Refreshment break			
12:00-13.20	Lesvos Geopark Team	The Lesvos Petrified Forest Park Geological heritage protection and management Accessibility of geological heritage sites and disabled people	Geodiversity management in Geoparks	FIELD TRIP
13:20	Departure to the Natural History Museum of the Lesvos Petrified Forest			
13:30-14:30	Lunch break	Geopark Gastronomy Short lunch prepared by the Mesotopos Women Cooperative of Lesvos	Local Women Cooperatives	Lunch break
14:30-16:00	Panel Discussion with participants UNESCO and	THEME: UNESCO Global Geoparks Geoconservation and territorial heritage management	UNESCO Global Geoparks	Workshop

	GGN Executive Board members		Global Geoparks Network	
16:00-16:30	Coffee break	Coffee break and traditional sweet tasting prepared by the Women Cooperatives of Lesvos		
16:30-17:30	The Lesvos Geopark Team	The Natural History Museum of the Lesvos Petrified Forest – Guided Visit to Museum Exhibitions	Guided tour	IN GROUPS
17:30-18:00	Dr. Ilias Valiakos Dep. Director of the Natural History Museum of the Lesvos Petrified Forest, Greece	The Natural History Museum of the Lesvos Petrified Forest – a green Geopark infrastructure	Geopark Museum - SDG's Connection	
18.00		Departure to hotel Free time		

7th Day – Sunday 2nd June 2024
KALLONI GULF WETLANDS - ANTISSA – NISSIOPI
Field Trip - Workshop – Field Trip

Time	Tutor	Topic	Thematic	Method
		UNIT 11 GEOPARKS AND BIODIVERSITY		
09:00-11:00	Lesvos Geopark Team	Wetlands of Kalloni Gulf Kalloni Environmental Information Center	Fieldtrip	IN GROUPS
		UNIT 12 GEOPARKS BUILDING AND OPERATION CHALLENGES AND OPORTUNITIES		
11.00-13.30	Participants presentation	WORKSHOPS - PART 1 Coordinators ROOM 1 : Guy Martini –John Calder - Driss Achbal ROOM 2: Xiaochi Jin – Marie Luise Frey – Alireza Amrikazemi ROOM 3: Setsuya Nakada -Artur Sa –Jianping Zhang ROOM 4: Ibrahim Komoo - Alex Andrassanu – Kana Furusawa	Our Geopark, our geo-identity, our functioning & sustainable development projects	SPLIT IN 4 GROUPS
13.30-14.30	Lunch break	Lunch		
14.30-16.00	Participants presentation	WORKSHOPS - PART 2		
16.00-17.00	Panel discussion with GGN Experts and Participants	THEME: Geoparks Management, Partnerships, Collaborations and Local networks		
		UNIT 13 GEOPARKS AND GEOTOURISM IN COASTAL AREAS		
17.00-19.00	Lesvos Geopark Team	Field trip into NISSIOPI islet Outdoor activities in Lesvos UNESCO Global Geopark		IN GROUPS
19.00-21.00		Dinner		

8th Day – Monday 3rd June 2024
Field Trip & University of the Aegean

Time	Tutor	Topic	Thematic	Method
08:30-09:20	Departure from Kalloni – Arrival at the University of the Aegean			
09:20	University of the Aegean – Department of Geography			
	UNIT 14	GEPARKS AND UNIVERSITY RESEARCH		
09:30-10:15	Prof. Thanasis Kizos University of the Aegean Head of the Department of Geography	UNESCO Global Geoparks Sustainable Tourism, Rural Development and Local Products	Geoparks and Sustainable Development	Lecture
10:15-11:00	Prof. Nikolaos Soulakellis University of the Aegean Head of the Board of the Natural History Museum of the Lesvos Petrified Forest	Geoheritage mapping in UNESCO Global Geoparks 3D mapping and applications	New tools in Geoheritage management	Lecture
11:00-11:30	Coffee Break			
	UNIT 15	COURSE ASSESMENT		
11:30-13:30	Participants and GGN Executive Board Members	Intensive Course Evaluation Closing ceremony	Course Assessment	In Groups
13:30-14:30	Lunch			Lunch
14:30	Departure of the Participants to Mytilene Airport for the Flight departing at 16 from			

		Mytilene to Athens		
16.30		Visit Mytilene city and rest in PLAZ Beach bar Departure to Hotel		
19:00		Departure of the Participants to Mytilene Airport for the Flight departing in the evening from Mytilene to Athens		

International Intensive Course on UNESCO Global Geoparks 2024

Lesvos island UNESCO Global Geopark, Greece

INVITED LECTURERS

Kristof Vandenberghe

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UNESCO Chair on Geoparks and the sustainable development of insular and coastal areas

Natural History Museum of the Lesvos Petrified Forest Director, Lesvos UNESCO Global Geopark Coordinator

GGN President

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UNESCO Global Geoparks and Sustainable Management

CONTRIBUTORS

UNESCO

Global Geoparks Network

Region of North Aegean

West Lesvos Municipality

Mytilene Municipality

University of the Aegean

Natural History Museum of the Lesvos Petrified Forest