



International Intensive Course on Geoparks

“GeoEducation in Action”

Geoconservation, Geotourism and Sustainable development.

June 23rd – July 3rd 2015

Programme



Intensive Course on Geoparks 2015

GeoEducation in Action: Geoconservation, Geotourism and Sustainable development

Programme

1st Day – Tuesday 23 June 2015 (Geography department, Aegean University MYTILENE)

Time	Tutor	Topic	Thematic	Method
09:00-10:00	Prof. N. Zouros University of Aegean, Greece	Welcome and Introduction to the Intensive course “GeoEducation in Action” GeoEducation activities and Geoparks	Introduction	Lecture
10:00-11:00	Prof. Patrick Mc Keever UNESCO Chief of Section, Earth Sciences and Geohazard Risk Reduction Secretary of the IGCP	Global Geoparks and the role of UNESCO	UNESCO and Geoparks	Lecture
11.00-11.15	Coffee Break			
11.15-13.00	Prof. N. Zouros GGN Executive Board / EGN Coordinator	The Global Geoparks Network : From a voluntary Network to the International Association <ul style="list-style-type: none"> • The Geopark concept • GGN Structure • GGN Activities • Regional Networks • Communication tools • Capacity bulding activities • Conferences 	Global Geoparks Network	Lecture



13:00-15:00	Lunch break			Lunch break
15:00-17:00	Prof. N. Zouros GGN Executive Board / EGN Coordinator	Global Geoparks: Celebrating earth heritage, sustaining local communities: <ul style="list-style-type: none"> • Geopark management plan • Geopark management body • Geoconservation • Infrastructure • Interpretation • Geotourism activities • Geoeducation • Sustainable Local Development 	Global Geoparks	Lecture



2nd day – Wednesday 24 June 2015 (Geography department, Aegean University MYTILENE)

Time	Tutor	Topic	Thematic	Method
9:00-11:00	Prof. Zhang Jianping University of Geosciences, China	The Chinese Geopark Network: Earth heritage protection and management	Geoconservation strategy and Geoparks	Lecture
11:00-13:00	Assoc. Prof. Giannis Spilanis University of the Aegean	Sustainable Tourism and Geoparks	Sustainable Tourism and Geoparks / Geotourism	Lecture
13:00-15:00	Lunch break			Lunch break
15:00-16:00	Prof. N. Zouros University of Aegean, Greece I. Valiakos, Dep. Director Natural History Museum of the Lesvos Petrified Forest, Greece GGN Advisor	The Lesvos Global Geopark - Earth heritage conservation - Geotourism- Geoeducation - Sustainable development: Lessons learned during the last 15 years!	Geoconservation strategy and Geoparks	Lecture
16:00-18:00	Geopark Presentations	Participants Presentations		Workshop
	Maria Helena Matteo Mederos Lanzarote and Chinijo Islands European Geopark, Canary Islands, Spain	House of volcanoes, The genesis of a Geopark. Lanzarote and Chinijo Islands European Geopark, Canary Islands, Spain	Spain	
	Ye Yong, Zigong, Global Geopark Administration, China	A review of dinosaur footprints in Sichuan Basin	China	
	Ye Yong, Sun Li Zigong, Global Geopark Administration, China	Paleontological research and Geopark construction of Zigong Global Geopark,	China	
	Georgia Kanellopoulou	Geotrails to the karstic geofoms of	Greece	



	Director of a Geotourism company, Ioannina, Greece	Astraka Plateau, Vikos Aaos Global Geopark, Greece		
	Guillem Puras Castells	Previous actions that motivate candidacy Conca de Tremp-Montsec Aspiring Geopark, Lérida, Spain	Spain	
	Discussion			

3rd day – Thursday 25 June 2015 (Geography department, Aegean University MYTILENE)

Time	Tutor	Topic	Thematic	Method
9:00-11:00	Assoc. Prof. Th. Kizos University of Aegean, Greece	Earth heritage, agricultural landscapes and tourism in Geoparks	Sustainable development in Geoparks	Lecture
11:00-13:00	Prof. Zhang Jianping University of Geosciences, China GGN Expert	Earth Heritage Conservation in Chinese Geoparks	Geoconservation strategy and Geoparks	Lecture
13:00-14:00	Dr. Katerina Vasileiadou Curator of the Paleontology collection Natural History Museum of the Lesvos Petrified Forest, Greece	Paleontological research in the Lesvos Petrified Forest - New scientific results - Temporary Exhibition - Educational activities	Geoconservation strategy and Geoparks	Lecture
14:00-15:00	Lunch break			Lunch break
15:00-16:00	Yann Gavillot UNESCO	UNESCO Earth Science Sector Activities	Geoconservation strategy and Geoparks	
16:00-18:00	Aspiring Geoparks	Participants Presentations		Workshop
	Aissatou Sophie Gladima Siby	Establishment of Geoparks in Senegal	Senegal	



	Director General of National Agency for Applied Scientific Research, Senegal			
	Silvia Gabriela Iftode Institute of Geodynamics of the Romanian Academy	Intangible heritage, a tool for geoeducation : the example of the Buzau Land Aspiring Geopark, Romania	Romania	
	Efthymios Tsolakis Geological Survey of Cyprus	The Troodos aspiring Geopark, Cyprus	Cyprus	
	Petit Alain Lesse Valley Tourist Office manager	Celestiene Lasse & Lome Geopark, Belgium	Belgium	
	Nareerat Boonchai, Museum of Petrified Wood and Mineral Resources, Nakhon Ratchasima, Thailand	Protecting, conserving the petrified forest park, Tak Province, Thailand	Thailand	
	Andreas Iordanidis, Dept. of Geotechnology and Environmental Engineering TEI of West Macedonia, Greece	Analytical study of Lemnian Earth the medical Terra sigilata of the antiquity	Greece	
	Discussion			



4th day –Friday 26 June 2015 (Fieldtrip MYTILENE-PLOMARI-MYTILENE)

Time	Tutor	Topic	Thematic	Method
09:00-11:00	Prof. N. Zouros University of Aegean, Greece I.Valiakos, Dep. Director Natural History Museum of the Lesvos Petrified Forest, Greece GGN Advisor	The Lesvos Geopark Information center in Mytilene - Temporary exhibition "The animals of the Petrified Forest" Paleontological observations in the Archeological Museum of Mytilene. The archeological site of Thermi - a city of 3000 B.C. in the Aegean	Earth heritage - Cultural heritage: Promoting the links	Field Trip in Lesvos Geopark
11:00-13:00	Prof. N. Zouros University of Aegean,Greece I.Valiakos, Dep. Director Natural History Museum of the Lesvos Petrified Forest, Greece GGN Advisor	The Mytilene - Gera - Plomari Geosites: - The remnants of a Cimerian fragment prealpine basement and Megalodon fossil site, - The Mytilene straight and the Peiocene lake sediments - Neotectonic structures - creation of Geras gulf, - Geothermal activity and the Geras hot springs - Larsos seismic faults and the Roman aqueduct, - the Evergetoulas delta and wetlands - Plomari beach rocks formation and the Active tectonics in south coast of Lesvos Guided tour in the Vranas Olive oil Museum in Papados Guided tour in Ouzo Distilleries in Plomari	Earth heritage - Cultural heritage: Promoting the links	Field Trip in Lesvos Geopark
13:00-15:00	Lunch break			Lunch break
15:00-18:00	Dr. Myrsini Varti Mataraga Geologist, President of Polion Collaborator of Lesvos Geopark	The Plomari Polykentron - Panagia Kryfti Geosite - Soap exhibition	Earth heritage - Cultural heritage: Promoting the links	Field Trip in Lesvos Geopark



5th day –Saturday 27 June 2015 (Fieldtrip from MYTILENE to SIGRI)

Time	Tutor	Topic	Thematic	Method
8:30-11:00	Prof. N. Zouros University of Aegean, Greece I.Valiakos, Dept. Director of the Natural History Museum of the Lesvos Petrified Forest, Greece	Crossing Lesvos Geopark : 300 milion years of Earth’s history (Mytilene - Sigri) <ul style="list-style-type: none"> • The remnants of a Cimerian fragment prealpine basement and the Miocene volcanic intrusions, • The Tethys ocean floor and the ophiolitic nape • Kaloni wetlands and salt planes • Miocene volcanics and Volcanoes • Volcanic geosites and landscapes • the Vatusa caldera, the post caldera domes and hydrothermal activity • Pyroclastic avalances, lachars, ash fall layers and palaeoshoils. 	EDUCATIONAL FIELD TRIP: Geotourism in Geoparks	Fieldtrip
11:00-13:00	Prof. N. Zouros University of Aegean, Greece I.Valiakos, Dept. Director of the Natural History Museum of the Lesvos Petrified Forest, Greece	The Lesvos Petrified Forest : <ul style="list-style-type: none"> • Guided tour in the Petrified Forest Park • Creating an open air Museum along the Kaloni - Sigri road 	EDUCATIONAL FIELD TRIP: Geotourism in Geoparks	Fieldtrip
13:00-14:00	Lunch break	Short lunch		
14:00-17:00	Prof. N. Zouros University of Aegean, Greece I.Valiakos, Dept. Director of the Natural	The Natural History Museum of the Lesvos Petrified Forest <ul style="list-style-type: none"> • Guided tour in the Museum Permanent 	Sustainable development in Geoparks	Guided tour



	History Museum of the Lesvos Petrified Forest, Greece	<p>Exhibitions</p> <ul style="list-style-type: none"> • The " Forest under the Road" the new travelling exhibition • The Sigri Petrified Forest park 		
17.00-17.30	Coffee break	Coffee break and traditional sweet tasting prepared by the Women Cooperatives of Lesvos		
17:30-18:30	K. Mpentana , Head of Educational Programs of the Natural History Museum of the Lesvos Petrified Forest, Greece	<p>Educational activities in the Lesvos Geopark</p> <ul style="list-style-type: none"> • Environmental education programmes and tools for school classes • Summer daily educational camps and programmes for pupils • Vocational training courses • University field courses • Volunteer educational camps • Professional training courses 	Geo-education in Geoparks	Lecture
19.00	Dinner	Dinner with traditional dishes prepared by the Women Cooperatives of Lesvos		Dinner
20.30	Music event	Traditional Greek and Ethnic songs Concert by the Lesvos Music Band "TA FOTA APENANTI"		Music event



6th day –Sunday 28 June 2015 (Natural History Museum of the Lesvos Petrified Forest - SIGRI)

Time	Tutor	Topic	Thematic	Method
10:00-10:30	Prof. N. Zouros , Director VTC-Natural History Museum of the Lesvos Petrified Forest (VTC-NHMLPF), GR	Geoeducation in Action	GEOEDUCATION IN ACTION	Lecture
10:30-11:00	Antonio Carlos Duarte , Director Anna Rita Ferreira Ricardo Oliveira Arouca Geopark, PT	Training the teachers on geoeducation for sustainability.	GEOEDUCATION IN ACTION	Lecture
11:00-11:30	Chris Woodley-Stewart , Director North Pennines Geopark,UK	Training Tools – Create interpretation material & Glossary of geoeducational terms	GEOEDUCATION IN ACTION	Lecture
11:30-12:00	Coffee break			Coffee break
12:00 –12:30	Maurizio Burlando , Director Julia Castello Monica Saettone Beigua Geopark, IT	Methodology to train personnel to offer geoeducation activities to the general public	GEOEDUCATION IN ACTION	Lecture
12:30-13:00	Maurizio Burlando , Director Julia Castello Monica Saettone Beigua Geopark, IT	Raising awareness in order to link GeoEducation with labor market	GEOEDUCATION IN ACTION	Lecture
13:00-13:30	V. Rozakis VTC-NHMLPF, GR	Training of staff - Geopark Management: Methodology.	GEOEDUCATION IN ACTION	Lecture
13.30-14.00	I. Valiakos , VTC- NHMLPF, GR	Evaluation of the Project		Round table discussion
14.00-16.00	Lunch break			
	FREE AFTERNOON - ENJOY SIGRI VILLAGE and THE BEACH			



7th day –Monday 29 June 2015 (Natural History Museum of the Lesvos Petrified Forest - SIGRI)

Time	Tutor	Topic	Thematic	Method
8:00-13:00	Prof. N. Zouros University of Aegean, Greece I.Valiakos, Dept. Director of the Natural History Museum of the Lesvos Petrified Forest, Greece	The Lesvos Geopark : Geosite management - Protection and conservation of the Lesvos Petrified Forest : <ul style="list-style-type: none"> • Boat trip to the Nisiopi marine park • Guided tour to the Nisiopi island Geosites • Conservation activities in the coastal and terrestrial fossil sites • Protection measures and visitors access 	Geoconservation strategy and Geoparks	Field work and workshop
13:00-14:30	Lunch			Lunch break
14.30-15.30	Dr. M.-L. Frey Welterbe Grube Messel gGmbH GGN Executive Board	Messel Pit WHS: Geodiversity, Geo- Education & Geotourism	World Heritage and Geoparks.	Lecture
15:30-17:00	Guy Martini, Director of the Haute- Provence Geopark, France GGN Executive Board	A strategy to develop a Geopark: The Haute Province Geopark, France	Geoconservation strategy and Geoparks.	Lecture
17.00 - 17.15	Coffee break			
17:15 - 18:40	Guy Martini, Director of the Haute- Provence geological reserve, France GGN Executive Board	Practical examples for establishing Geoparks in Africa	Geoparks and sustainable development	Lecture



8th day –Tuesday 30 June 2015 (Natural History Museum of the Lesvos Petrified Forest SIGRI)

Time	Tutor	Topic	Thematic	Method
09:00-12:00	Prof. N. Zouros University of Aegean, Greece I.Valiakos, Dept. Director of the Natural History Museum of the Lesvos Petrified Forest, Greece V. Rozakis, Natural History Museum of the Lesvos Petrified Forest, Greece	The Lesvos Geopark : Geosite management - Protection and conservation of the Lesvos Petrified Forest : <ul style="list-style-type: none"> • Guided tour to the Plaka petrified forest park • Protection and Conservation of fossil sites • Mapping geoheritage in geosites and geoparks 	Earth heritage management and Geo-conservation	Field work and workshop
12.00-13.00	V. Rozakis, Natural History Museum of the Lesvos Petrified Forest, Greece	Mapping geoheritage - Application for Geoparks. <ul style="list-style-type: none"> • The Lesvos Geopark project • The Nisiopi project • The Kaloni - Sigri road project 	Earth heritage management	Lecture
13:00-14:30	Lunch break			
14.30-15.30	Charalambos Fassoulas Psiloritis Global Geopark Hellenic Geoparks Forum Coordinator, GGN Expert	Psiloritis Global Geopark, Greece: Earth heritage management and sustainable local development	Earth heritage management and Sustainable local development	
15:30-17:00	Guy Martini, Director of Haute-Provence Geopark, France GGN Executive Board	Practical examples for building Geoparks in in Latin America	Earth heritage management and Sustainable local development	
17.00 - 17.15	Coffee break			
17:15 -18:40	Guy Martini, Director of Haute-Provence Geopark, France	Practical examples for building Geoparks in in South East Asia	Earth heritage management and Sustainable local development	



	GGN Executive Board		
19:00		Walking to the Faneromeni beach	Lunch break
		The Faneromeni sand beach and coastal geosites	
20.00		Admiring the Aegean sunset Dinner at the Beach bar	Social Program

9th day –Wednesday 1 July 2015 (Natural History Museum of the Lesvos Petrified Forest SIGRI)

Time	Tutor	Topic	Thematic	Method
09:00-11:00	Prof. N. Zouros University of Aegean, Greece I. Valiakos , Dep. Director of the Natural History museum of the Lesvos Petrified Forest	The GGN Evaluation and Revalidation Methodology	Geoparks and Sustainable Development	Lecture
11:00-13:00	Julian Atkins , Fforest Fawr Geopark –UK Vice Coordinator of the UK Geoparks Forum	The UK Geoparks forum - Networking and promotion of Geoparks in the UK.	Networking in Geoparks	Lecture
13:00-15:00				Lunch break
15:00-17:00	Julian Atkins , Fforest Fawr Geopark – UK Vice Coordinator of the UK Geoparks Forum	The Fforest Fawr Geopark, Wales – UK The managing authority and the activities o	Geoparks and Sustainable Development	Lecture
17:00-19:00	Aspiring Geoparks	Participants Presentations	Country	Workshop
	Narongrit Thungprue Director of Satun Geopark	Satun Geopark , Thailand	Thailand	
	Wang Xiaoling Deputy Maior of Dunhuang	Dunhuang Geopark, China	China	
	Guillem Puras Castells	Previus actions that motivate candidancy Conca de Tremp-Montsec	Spain	



		Geopark, Lérida, Spain		
	Iveta Ctverakova		Czech Republic	
	Micheal Rassios Anna Batsis	Grevena Geopark	Greece	
	Marie Herding		UK	
	Jose Antonio Martinez Perruca		Spain	
	Maria Kayafa		Greece	
	Discussion			



10th day –Thursday 2 July 2015 (Natural History Museum of the Lesvos Petrified Forest - SIGRI)

Time	Tutor	Topic	Thematic	Method
9:00-11:00	Prof. N. Zouros University of Aegean,Greece	Conservation activities at Lesvos Petrified Forest Parks	Geoparks and Sustainable Development	Lecture
11:00-13:00	Guy Martini , Director of Haute-Provence Geopark, France GGN Executive Board	Promotional strategy branding of Haute-Provence geological reserve.	Geoparks and Sustainable Development	Lecture
13:00-15:00				Lunch break
15:00-17:00	Guy Martini , Director of Haute-Provence Geopark, France GGN Executive Board	Contemporary art in Geoparks	Geoparks and Sustainable Development	Lecture
17:00-19:00	Global Geoparks	Participants Presentations	Country	Workshop
	Hong Chao Jingui Xie Jongxu Lie	Kunlun Global Geopark, China	China	
	Kun Luo Section chief, Geoheritage Protection & Development Section, Administration for Yanqing Global Geopark	Yanqing Global Geopark, China	China	
	Julia Castello Monica Saettone	Beigua Global Geoparks , Italy	Italy	
	Anna Rita Ferreira Ricardo Oliveira	Arouca Global Geopark	Portugal	
	Discussion			



11th day –Friday 3 July 2015 (Fieldtrip SIGRI - ERESOS - MESOTOPOS - MYTILENE / Geography department, Aegean University MYTILENE)

Time	Tutor	Topic	Thematic	Method
9:00-11:00	Prof. N. Zouros University of Aegean, Greece I. Valiakos , Dep. Director of the Natural History museum of the Lesvos Petrified Forest	Lesvos Geopark : Tangible and intangible heritage: <ul style="list-style-type: none"> • The Lava paths • The Eresos volcanic domes, • Ancient Eresos, • Aristotle and Theophrastus 	Sustainable development in Geoparks / Geotourism in Geoparks	Fieldtrip
11:00-13:00	Prof. N. Zouros University of Aegean, Greece I. Valiakos , Dep. Director of the Natural History museum of the Lesvos Petrified Forest	The women cooperative of Mesotopos	Sustainable development in Geoparks / Geotourism in Geoparks	Fieldtrip
13:00-15:00	Lunch			Lunch break
15:00-16:00	Prof. N. Zouros University of Aegean GGN Executive Board Guy Martini , Director of Haute-Provence Geopark, France GGN Executive Board	Intensive Course Evaluation	Geoconservation in Geoparks / Geotourism in Geoparks / Sustainable development in Geoparks	Evaluation



Intensive Course on Geoparks 2015

GeoEducation in Action: Geoconservation, Geotourism and Sustainable Development

INVITED LECTURES

Prof. N. Zouros

University of Aegean, Greece
GGN Executive Board
EGN Coordinator

Prof. Patrick Mc Keever

UNESCO
Chief of Section, Earth Sciences and Geohazard Risk Reduction
Secretary of the IGCP
EES/EGR
Natural Sciences Sector

Guy Martini,

Director of Haute-Provence Geopark, France
GGN Executive Board
Advisory Committee of the European Geoparks Network

Prof. Zhang Jianping

University of Geosciences, China
Chinese Geoparks Network Expert
GGN Expert

Dr. M.-L. Frey

Welterbe Grube Messel gGmbH
GGN Executive Board
Advisory Committee of the European Geoparks Network



Julian Atkins,

Director of the Fforest Fawr Geopark – UK
Vice Coordinator of the UK Geoparks Forum
CC of the European Geoparks Network

Assoc. Prof. Giannis Spilanis

University of the Aegean, Dept. of Environment,
Sustainable Tourism Observatory of North Aegean - World Tourism Organization

Assoc. Prof. Thanasis Kizos

University of the Aegean, Department of Geography
International Institute on Geoparks Development (IIGEOD)

Dr. Charalambos Fassoulas

Psiloritis Global Geopark
Hellenic Geoparks Forum Coordinator,
GGN Expert

I. Valiakos,

Dep. Director of the Natural History museum of the Lesvos Petrified Forest
International Institute on Geoparks Development (IIGEOD)
GGN Expert

K. Mpentana

Head of the Education and Communication Section of the Natural History museum of the Lesvos Petrified Forest
International Institute on Geoparks Development (IIGEOD)
Lesvos Geopark

