

DAY	JULY	SESSION TITLE	RESPONSIBLE	SESSION SUMMARY (Scope, prerequisites, method of work, etc)
1	Sunday 6th	ARRIVALS to the Course's Venue INTRODUCTORY S	Prof. Michael Scoullos and associates	Welcome messages from the organisers and supporters. The introductory Session will entail Ice breaks and participants' expectations The work-programme of the summer school: agenda presentation & discussion
2	Monday 7th	The two pillars of the summer school and their relationship: Education for Sustainable Development (ESD) and the management and functions of BRs and specially protected / designated areas Morning session - Afternoon session	Prof. Michael Scoullos	PART A: The evolution of concepts relating to ESD and its relation to other "types" of Education (Environmental Education, Science Education, Citizens' Education, Human Rights Education, Quality Education, Education for All, etc); specific aspects linking ESD with management of BRs and other designated areas. PART B: The concepts relating to management of Biosphere Reserves and other Designated areas: their special characteristics, role and functions, including that of "open laboratories" for ESD.
3	Tuesday 8th	ECOLOGICAL principles and function of natural ecosystems Morning session - Afternoon session	Prof. Michel Ricard	Ecology is the study of the relationships between living organisms, including humans, and their physical and chemical environment. Ecology allow us to understand relationship between plants and animals (biocenosis) and their environment (biotope). The first part of this general ecology course will provide a solid basis on fundamental ecology topics : introduction to ecology; ecological terms and processes; evolution; biodiversity; biogeography, ecological organization. The second part of this course will focus on the different factors and mechanisms operating on plants and animals and their environment with the consequences of these interactions at different levels: competition, predation, mutualism end parasitism. Will also be considered: community structure and succession as well as production, food webs and nutrients cycles in ecosystems. Finally, natural resource management will consider the sustainability of human life confronted with serious risks related to over-consumption of our planet's resources. The evolution towards a more sustainable society calls for a drastic changing of behaviour both lying on a better knowledge and an increased account of our environment through education.
		Suggested visit to Galaxidi traditional town (evening)		

4	Wednesday 9th	SUSTAINABLE MANAGEMENT of Protected Areas; management plans, economic issues, cultural aspects, the participation of the society	Dr. Marios Andreou	<p>1. Introductory activity: Participants will be asked to complete a short questionnaire about the types of protected areas and possible conservation measures in a protected area. The participants will be asked to classify specific measures depending on environmental, social, economic aspects. The questionnaire will be analytically discussed at the end of the course. The aim of the introductory activity is to elicit students' knowledge and skills on the session's topic.</p> <p>2. Main lecture on sustainable management of protected areas: development and implementation of management plans (targeted protected areas, proposed management measures, development, economic issues, cultural aspects, participation of the society).</p> <p>3. Workshop:</p> <p>a) Selected case studies will be presented to the participants e.g:</p> <ul style="list-style-type: none"> - Establishment of a Plant Micro-Reserve Network in Cyprus for the Conservation of Priority Species and Habitats - Improving the conservation status of the priority habitat types *1520 and *5220 at the Rizoelia National Forest Park - Cooperation for the conservation of rare endemic plant species in the buffer zone <p>b) Short videos about these case studies will be presented</p> <p>c) The participants will be divided into groups in order to present their arguments and defend their opinions (debate) regarding a hypothetical scenario of a proposed development in a protected area.</p>
				<i>Morning session - Afternoon session</i>
5	Thursday 10th	SUSTAINABLE MANAGEMENT of Protected Areas; management plans, economic issues, cultural aspects, the participation of the society	Prof. Tuncay Neyisci	<p>"The session will essentially focus on discussions on the concepts of sustainability, protection/conservation, protected areas and management. The role of eco-centric and anthropo-centric approaches for understanding and managing natural systems, systems thinking/integrated systems, roots of the concepts of globalization, participation, ecology and ecological –environmental crisis, IUCN management categories of protected areas, ecological basis of sustainable management, sustainable resource management, Carrying capacities, evaluation and monitoring will be followed."</p> <p>Above given content will partly be discussed at the field and partly at the afternoon session. At afternoon workshop participants will work on two cases through eco-centric/anthropo-centric perspectives; a- conservation efforts of Fallow Deer around Termessos National Park Antalya / Turkey. b- Yellowstone National Park Fire</p>
				<i>Morning session</i>
				<i>Afternoon session to be held in the field</i>
6	Friday 11th	<i>Morning session - Suggested visit to Castle of Amfissa</i>	Prof. Michael Scoullou	
		Afternoon session - ESD in practice through indicators. ESD teachers' competences		<p>Session on issues relating to putting ESD into practice and monitoring it. Practical Workshop Aspects of indicators to monitor ESD, competences of teachers with emphasis on the implementation of ESD programs in the field (UNECE methodology, etc) Practical Workshop</p>
7	Saturday 12th	THE PROFILE OF THE EDUCATOR in the Protected Areas; Communication, Group coordination, Educator's skills/competences	Prof.Dr. Dinko Vujevi	
				<i>Morning session - Afternoon session</i>

8	Sunday 13th	Free day - Proposed morning visit to the Delphi Archaeological Site		
9	Monday 14th	MODELLING and simulation for ESD in Protected Areas	Prof. Antoni Grau	In this session the need of system modelling will be presented in order to know its behaviour (dynamics) and to properly actuate over the system to obtain the desired behaviour. The developed models that will be presented in the session are mathematical models that can be achieved in two ways: theoretical modelling (physical laws) and identification or experimental modelling (from historical data). Those models have to represent the reality in a complete and very accurate fashion by simulation techniques. The theoretical session of modelling and simulation will be complemented with a practical session with examples of ecological, educational, social, and natural resources models, integrating sustainability and social commitment
10	Tuesday 15th	ESD methods: Field Work	CEE team and Mr Vassilis Psallidas	<i>ESD methods: Field Work</i> <i>Observation and Management of the Biodiversity of the alpine ecosystems on Parnassus - The case of dolines (3 hours) Dr. M. Theocharopoulos, MSc G. Kottis, MSc V. Psallidas</i> <i>ESD methods: Workshop and Field Work</i> <i>Groundwater Management in Protected Areas (3 hours) Dr. M. Theocharopoulos, MSc G. Kottis, MSc V. Psallidas</i> <i>Sustainable tourism development, Territorial marketing on PA's Lecture and Workshop</i> <i>The management of cultural heritage, contemporary approaches in the context of Sustainable Development or/and Cultural Communication and Modern Technologies (3 hours) Dr. K. Mandroni</i>
		<i>Morning session to be held in the field (Parnassus Protected Area)</i>		
		<i>Afternoon session (back to the Centre)</i>		

11	Wednesday16th	Planning and evaluating ESD activities in Protected Areas	Prof. Michele Biasutti	<p>This session focuses on Planning & Evaluating ESD activities in Protected Areas. During the morning session the models for implementing and designing ESD activities will be presented, proposing practical examples of projects developed in this field, including ecological aims, social-cultural context analysis, natural resources management models.</p> <p>The afternoon session will be dedicated to the design of an educational project concerning ESD and students will be working in small groups.</p> <p>Method of work: the cooperative learning method and group work will be applied.</p>
		<i>Morning session - Afternoon session</i>		
12	Thursday17th	ESD methods: Wicked problems; Problem solving; Dialog mapping	Prof. Roberto Biloslavo	<p>This session presents the difference between the complicated and wicked problems and the tools that can be used to solve them. The Dialogue mapping approach will be elaborated with the use of a case study. The participants will be then divided into groups and will work on a wicked problem presented by them and applying the dialogue mapping approach.</p> <p>Method of work: Dialogue mapping approach and small group work</p>
		<i>Morning session - Afternoon session</i>		
13	Friday18th	Bioshere Reserves and other designated areas: How close to an SD model? Experiences from ESD	<i>morning session: Mayor of Amfissa, members of Greek MAB BRs</i>	<p>The session explores the links between the functioning of a Designated area and the local society. The Parnassus Protected Area is explored as a case study (testimonies from Mayor of Amfissa, Management Body of Axios, etc)</p> <p>The session explores also the Greek MAB BRs. Their representatives will be asked to present their background, current management models, their educational function, the challenges they face today.</p> <p>Method of work: Presentations of real life case studies & discussion</p>
		<i>Morning session - Afternoon session</i>	<i>Afternoon session: prof. Scoullas</i>	
14	Sat. 19th	EVALUATION Session	<i>All trainers</i>	
		DEPARTURES		