

IP EUROMONT 2007

From Ebro Valley to Pyrenees

May 29th to June 11th



IPE



UNIVERSIDAD
DE
ZARAGOZA



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SOCRATES Intensive Courses

*Training on tools and methods of
sustainable mountain development in Europe*

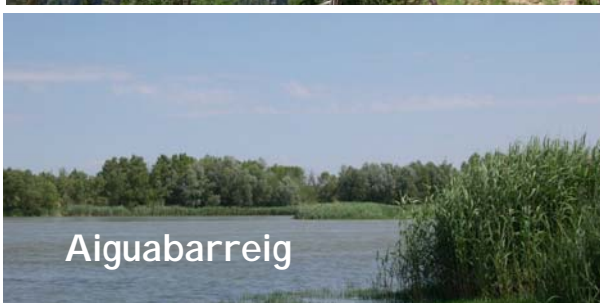
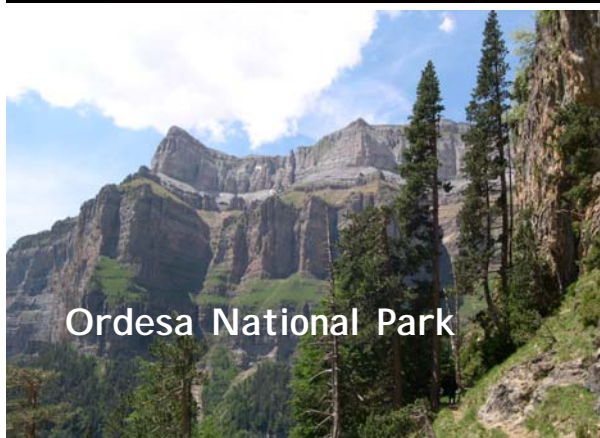
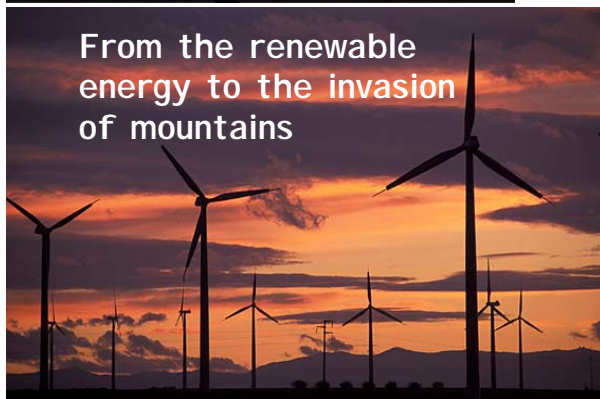


Co-ordination:

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Features of IP Euromont 2007

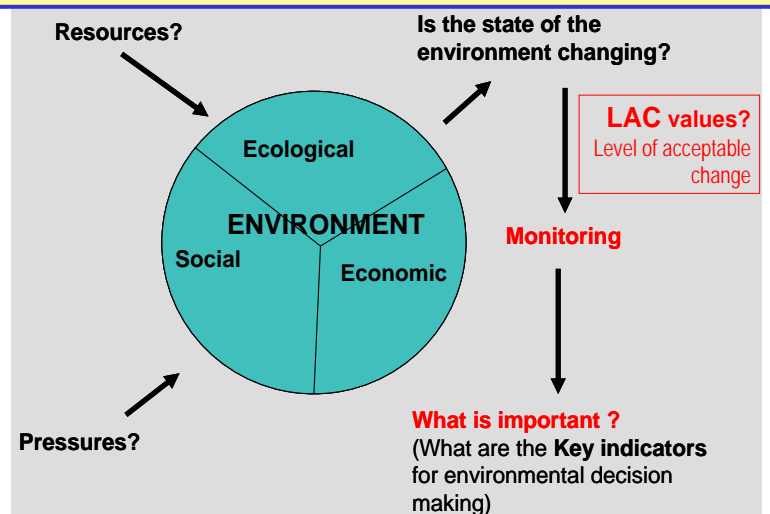
- IP EUROMONT will study land management and conflicts from the Ebro Valley to the Pyrenees.
- Success stories and conflicts will be studied along the Nature 2000 network in Aragon.
- Regional conflicts refer to tourism, energy management, traffic, nature conservation, and exponential growth of wind parks in mountain areas.



An area can be managed sustainably for different purposes:

- For birds
- For maximum profit
- For tourism
- To stop it changing in appearance
- For maximum carbon sequestration
- For maximum employment

➤ How to monitor the state of the environment changing?



- But we can't monitor every thing. We have to be very selective as we have only very limited resources. The key question we have to ask our selves, if we are a manager or a scientist, or an economist or a sociologist:
- **What is really important?**

Programme of the IP course EUROMONT

Objectives

Universities of Zaragoza and Lleida, and Instituto Pirenaico de Ecología (IPE) Jaca, are hosting a SOCRATES course again in Spain this June, jointly with the University of Innsbruck and the Centre for Ecology and Hydrology (CEH) Banchory. Participants are students from Austria, Czech Republic, Hungary, Italy, Slovakia, Scotland, Spain and elsewhere. The course starts in Barcelona (3 days), then moving to Fraga in the Ebro Valley (2 days) and San Martin in the Moncayo Natural Park (2 days) for lectures and field visits and finishes with five days in Hecho in the Spanish Pyrenees. SOCRATES is an EU funded scheme to encourage international teaching courses to bring together students from different European Universities. The course is a chance to hear more about the work at the contributing Universities and research institutions, and also to participate in field visits and lectures to the salted lagoons of *Bujaraloz*, the Natural Parks *l'Aiguabarreig*, *Moncayo*, *San Juan de la Peña*, *Ordesa* National Park, the Eolic Park of *La Muela de Borja*, the ski area *Formigal*, and elsewhere. The course will visit sites where there are conflicts between different types of land use, and will see some of the management strategies that are being adopted to resolve problems. Throughout we will be considering the key types of information need to monitor change, and whether there might be alternative management approaches to those already adopted. We will also become aware of how much management is driven by the political social and economic perspectives of land use. Two final decision modelling workshops at Hecho will connect the field visits and lectures with landscape management.

Accommodation

29 May – 01 June	Barcelona: Shared rooms in self catering hostel.
01 June – 03 June	Fraga: Shared rooms in a hotel. Breakfast and lunch provided
03 June – 05 June	San Martin: Shared rooms in a hotel. Breakfast and lunch provided
05 June – 11 June	Hecho: Shared rooms in a hotel. Breakfast and lunch provided

Preliminary Programme

Tuesday 29 May 2007 Arrival from abroad at Barcelona

1600 – 1900 Opening lecture for students from abroad

Wednesday 30 Lectures in Barcelona

0930 – 1400 Ecology and economy of the Pyrenees; sustainability indicators

Thursday 31 Workshop in Barcelona

0930 – 1400 Half day workshop on selecting sustainability indicators.

Friday 1 June Travel to Fraga (Bajo-Cinca), field visits and lectures

0800 Departure from Barcelona to Fraga (Bajo Cinca)

1100 – 1300 Lectures in Fraga (*Palau Montcada*): Evolution of the land-use changes and consequences in plant communities and soils in the Bajo Cinca zone. Agronomic, socio-economic and environmental impacts in the water management of the Ebro Valley

1400 – 2000 Field visit through the not irrigated agricultural areas. Lectures on conflicting environmental protection and development of new irrigated zones

Saturday 02 Field visit and lectures

0830 – 1600 Ecology and management of the Natural Park *l'Aiguabarreig* (Fraga-Seros) including a bird watching tour. Discussion of conflicting eco-tourism, agriculture and water management in the Ebro Valley.

Programme of the IP course EUROMONT

- 1630 – 1900 Field visit at the salt lakes *Bujaraloz* and lectures concerning ecology and management of the salt lake area in the Ebro Valley and bio geographical singularities of the *Monegros* steppe. Travel to San Martin (Moncayo NP)
- 2000 Arrival at *San Martin de la Virgen de Moncayo*
- Sunday 03** Field visit and lectures in the Southern part of Natural Park Moncayo
- 0830 – 1700 Field visit showing the ecology and management of the Southern part of Natural Park Moncayo.
- 1730 – 2000 Optional visit to Tarazona, the village of three cultural époques (Christians, Jewish and Muslims)
- Monday 04** Field visit and lectures in the Southern part of Natural Park Moncayo
- 0830 – 1700 Field visit showing the ecology and management of the Southern part of Natural Park Moncayo.
- Tuesday 05** Field visits and lectures in Borla and Loarre Castle
- 0930 Departure from San Martin to Borja
- 1100 – 1200 Field visits and lectures at the Eolic Park of *La Muela de Borja*
- 1230 – 1900 General transect throughout the Ebro Valley with special stop in the Loarre Castle. Explanation of plant cover, landscape and historical importance of the *Reconquest* process.
- 1900 Arrival at Hecho in the Pyrenees
- Wednesday 06** Field visits and lectures in the French National Park
- 0830 – 1800 Field trip from the French National Park back to Hecho
- Thursday 07** Biological Farming and Formigal ski area
- 0830 – 1400 Biological Farming
- 1500 – 1800 Field visit at Formigal ski region and lecture concerning the development of ski areas in the Pyrenees and conflicting environmental protection concerns
- Friday 08** Field visits and lectures in the Ordesa National Park
- 0830 – 1700 Field visit in the Ordesa National Park and lectures concerning ecology and socio-economic aspects of the Ordesa and Monte Perdido National Park. Field lectures on Management of hunting and wild fauna in Aragon.
- Saturday 09** Workshop in Hecho
- 0930 – 1400 Half day workshop: Choose between three different development plans for the Formigal Ski Resort
- 1600 – 2000 Free or field visit in the Natural Park *San Juan de la Peña* and lectures on ecology and socio-economic aspects of the Natural Park
- Sunday 10** Workshop in Hecho
- 0930 – 1400 Half day workshop: Alternative management for Hecho Valley
- 1600 – 2000 Free or visit to Jaca.
- 2100 Farewell dinner
- Monday 11** Final discussion and return home Bus to Barcelona Airport
- 0800 – 0900 Final discussion and evaluation of the students project works
- 0930 Finish of the IP course EUROMONT and departure from Hecho to Barcelona

<http://euromont.uibk.ac.at>

Training on landscape modelling and stakeholder consultation in European mountain areas

SOCRATES-Intensive Programme 2004 – 2007

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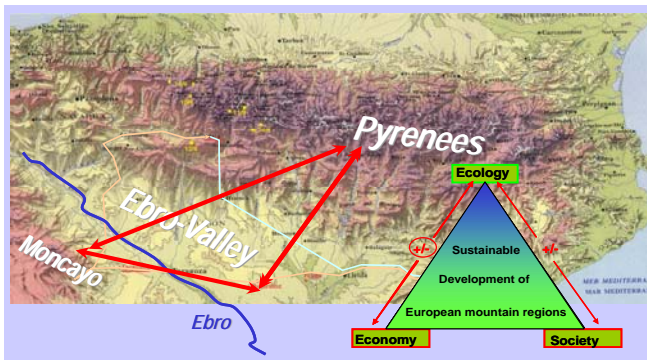


1. OBJECTIVES

- Based on EU research projects (<http://carbomont.uibk.ac.at>) a series of intensive courses are carried out in the Alps, the Spanish Pyrenees and the Scottish Highlands. They interrelate different fields of knowledge important for concepts of sustainable mountain development.
- The courses provide a training on environmental monitoring and decision modelling and combine field excursions and lectures. A series of practical decision conferencing workshops are organised, where a concept of key indicators of environmental change is developed for European mountain areas. The setting of quality standards by consensus is elaborated at scales from catchment to national level.
- The next IP course EUROMONT will focus on concepts for sustainable rural development from the Ebro Valley to the Pyrenees, beginning with lectures at Barcelona (May 29 2007) and ending with field trips and decision workshops in the Pyrenees (June 11 2007)

3. MAJOR TOPICS OF THE COURSE

- IP EUROMONT will study land management and conflicts from the Ebro Valley to the Pyrenees.
- A conflict is the water from the Pyrenees used for irrigation purposes in the Ebro Valley.
- Regional conflicts refer to tourism, energy management, traffic, nature conservation, and
- Exponential growth of wind parks in mountain areas.



3. LECTURES ON MONITORING SCHEMES

Based on field visits a series of lectures on different schemes of environmental monitoring will be given.

- **Regional and local scale monitoring:**
Environmental Change Network (ECN) monitoring;
Limits of Acceptable Change (LAC) monitoring;

- **Large scale monitoring:**
Environmentally Sensitive Areas Programme; CS 2000 national countryside monitoring; Demonstration of Countryside Information System software.



4. WORKSHOP ON DECISION MAKING MODELLING

Participants are working in groups to identify and prioritise different types of environmental indicators.

- **Group session 1:**
Identification of key environmental indicators for sustainable development
- **Group session 2:**
Select development plans for the Formigal Ski Resort
- **Group session 3:**
Select alternative management plans for Hecho Valley.

5. TEACHING STAFF

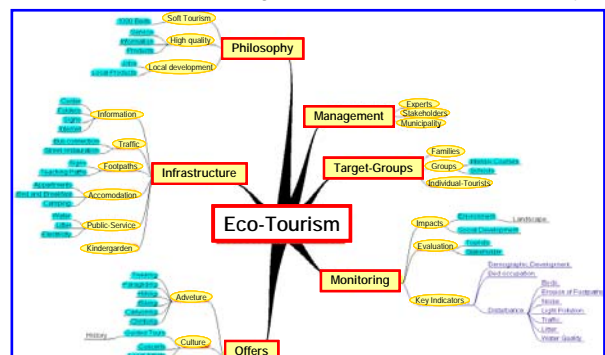
The teaching staff will consist of experts from the CEH Banchory (UK), IPE Jaca (ES), and the Universities of Innsbruck (AT), Bayreuth (DE), Alcalá de Henares (ES), Navarra (ES), Lleida (ES), Zaragoza (ES).

6. CO-ORDINATOR

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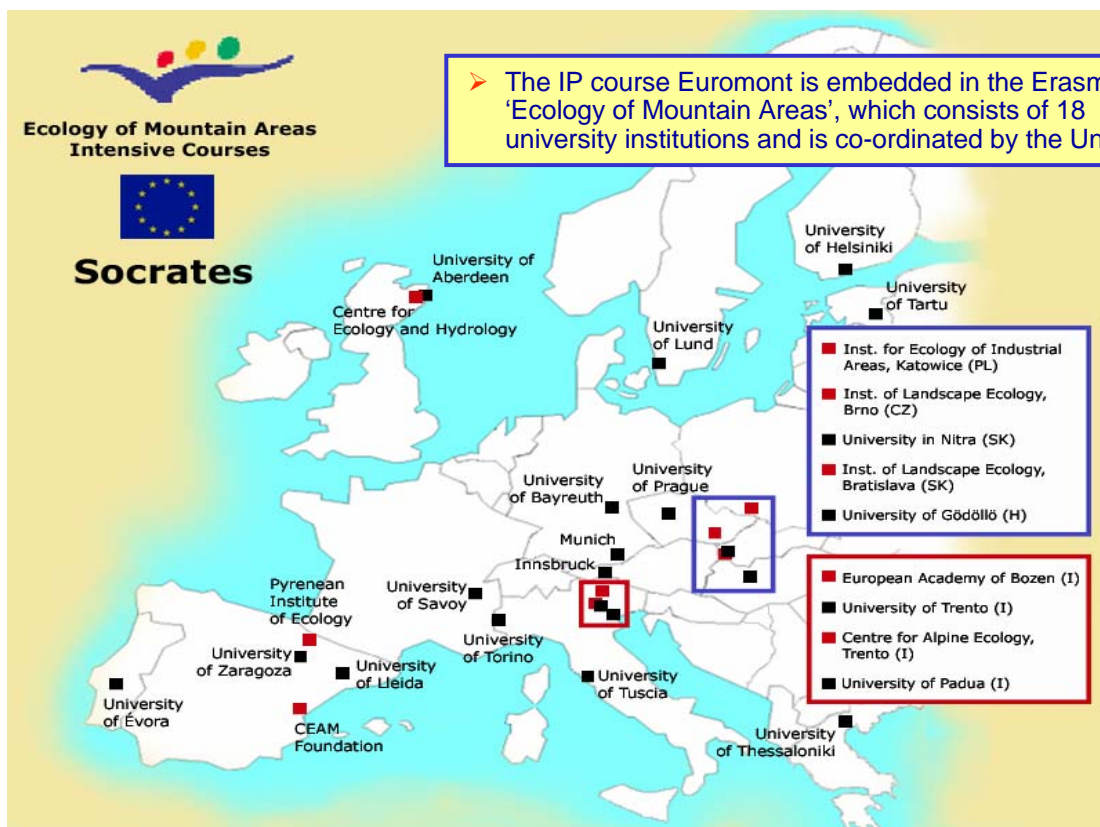
- Decision workshops enable stakeholders, decision makers, students and teachers to work together in multinational groups, so to benefit from special learning conditions, and to gain new perspectives of sustainable rural development of mountain areas in Europe.



- E-learning tools will provide preparatory lectures, as well as the results of field trips, lectures, discussions and workshops on CD-ROM and Internet.



<http://euromont.uibk.ac.at/>



- The IP course Euromont is embedded in the Erasmus Mobility Network 'Ecology of Mountain Areas', which consists of 18 Universities and 10 non-university institutions and is co-ordinated by the University of Innsbruck.

