

Preliminary Programme of the IP course SUSTMONT

Objectives

The Universities of Zaragoza and Lleida, and Instituto Pirenaico de Ecología (IPE) Jaca, are hosting an Erasmus Intensive Course in Spain in May 2010, jointly with the University of Innsbruck. Participants are students from Austria, Estonia, Hungary, Italy, Portugal, Slovakia, Spain, and UK. The course starts in Barcelona (3 days), is 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. Erasmus Lifelong Learning Programme 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 point out some of the management strategies that are being adopted to resolve problems. Throughout, we will be considering the key types of information needed 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. Three decision modelling workshops at Barcelona and Hecho will connect the field visits and lectures with landscape management.

Accommodation

31 May – 02 June	Barcelona: Shared rooms in self catering hostel.
02 June – 04 June	Fraga: Shared rooms in a hotel, full board
04 June – 07 June	San Martin: Shared rooms in a hotel, full board
07 June – 12 June	Hecho: Shared rooms in a hotel, full board

Preliminary Programme

Monday, May 31 2010	Arrival from abroad at Barcelona
16:00 – 19:00	Opening lecture for students from abroad (Alexander Cernusca)
Tuesday June 1	Lectures in Barcelona
09:30 – 14:00	Introductory lectures (Neil Bayfield, Jordi Bartolomé, Feliu López)
Wednesday June 2	Workshop 1 in Barcelona
09:30 – 14:00	Half day workshop on selecting sustainability indicators.
17:00	Bus transfer to Fraga,
Thursday June 3	Field visits and lectures in Fraga (Bajo Cinca)
09:30 – 13:00	Lectures in Fraga (<i>Palau Montcada</i>): David Badia, Carlos Cantero, Antonio Cuchi
14:00 – 20:00	Field visits through the non-irrigated agricultural areas. Lectures on conflicting environmental protection and development of new irrigated zones (David Badia, Anchel Belmonte, Alberto Bueno)
Friday June 4	Field visit and lectures
08:30 – 16:00	Ecology and management of the Natural Park <i>l'Aiguabarreig</i> (Fraga-Seros) including a bird watching tour. Discussion of conflicting ecotourism, agriculture and water management in the Ebro Valley.
16:00 – 18:00	Field trip to see the Mequinzenza dam and the hydro power station.
18:00 – 19:30	Travel to the Eolic Park of <i>La Muela de Borja</i> (near Tarazona).
20:00	Field visits and discussions at the Eolic Park of <i>La Muela de Borja</i> Arrival at <i>San Martin de la Virgen de Moncayo</i>

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Saturday June 5	Field visit and lectures in the Southern part of Natural Park Moncayo
08:30 – 17:00	Field visit showing the ecology and management of the Southern part of Natural Park Moncayo.
17:30 – 20:00	Evening Lecture (Teresa Gil)
Sunday June 6	Field visit and lectures in the Northern part of Natural Park Moncayo
08:30 – 10:00	Morning Lecture (Raul Ayala)
08:30 – 17:00	Field visit showing the ecology and management of the Northern part of Natural Park Moncayo. (Daniel Gomez, Federico Fillat, Raul Ayala)
Monday June 7	Field visits and lectures in Bardenas Reales and Loarre Castle
09:30	Departure from San Martin to Bardenas Reales
11:30 – 16:00	Field visits and lectures in the the Bardenas Reales (Javier Peralta, Federico Fillat, Daniel Gomez)
16:00 – 20:00	General transect throughout the Ebro Valley with special stop in the Loarre Castle. Explanation of plant cover, landscape and historical importance of the <i>Reconquest</i> process. (Federico Fillat)
20:00	Arrival at Hecho in the Pyrenees
Tuesday June 8	Field visits and lectures (<i>San Juan de la Peña</i>)
09:00 – 16:30	Field visits and lecture in the Natural Park <i>San Juan de la Peña</i> (Daniel Gomez, Juan Herrero)
18:00 – 20:00	Evening lecture (Bayfield): Introduction to Workshop 2 and 3 (Hecho)
Wednesday June 9	Biological Farming & Formigal ski area (Gomez, Fillat, Bayfield, Cernusca)
08:30 – 12:00	Biological Farming (Federico Fillat, Luis Cazcarro)
13:00 – 18:00	Field visit and lectures at Formigal ski region concerning the development of ski areas and conflicting environmental protection concerns in the Pyrenees. (Neil Bayfield, Alexander Cernusca, Federico Fillat, Daniel Gomez)
Thursday June 10	Field visits and lectures in the Ordesa National Park
08:30 – 17:00	Field visit in the Ordesa National Park and lectures concerning ecology and socio-economic aspects of the Ordesa and Monte Perdido National Park. (Daniel Gomez, Ricardo Gonzales)
Friday June 11	Workshop 2 and 3 in Hecho
09:00 – 12:30	Half day workshop 2: Choose between three different development plans for the Formigal Ski Resort
15:30 – 18:00	Half day workshop 3: Alternative management for the Hecho Valley
19:00	Barn dance and Farewell dinner
Saturday June 12	Return home bus to Barcelona Airport
05:00	Departure from Hecho to Barcelona
12:00	End of the IP course Sustmont at Barcelona airport

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