

ERASMUS Intensive Programme, 13th to 26th May 2012
IP- EUROSTAIN: Training on sustainable management of European mountain areas.
 Student information sheet

Topics, course programme, class material for the IP course EUROSTAIN

Based on a detailed ecological and environment-economical inventory from the Tyrolean Alps, the ecological impact of land-use changes will be analysed and indicators for sustainable development in rural areas will be elaborated. In discussions with decision makers, scenarios and implementation strategies will be developed by using state of the art technologies (planning games, modelling and visualising tools). The link to EU research projects guarantees newest scientific methods taken into account thoroughly.

Project target group

The target group includes students in the second stage of study of the departments of "Applied Ecology", "Landscape Planning", "Agriculture and Forestry Studies", and "Environmental Engineering". The Intensive Programme will allow elaborating the methodical basis for the analysis and assessment of status, endurance and potential development of rural areas. It represents a contribution to the training of experts in the fields of environmental planning and decision making and environmental monitoring concentrating on sustainable development in rural areas.

Activities, method, pedagogic and didactic concept

Instruction comprises the fields of environmental monitoring; remote sensing and GIS; collection and assessment of ecological and socio-economic indicators in rural areas; Environmental Impact Assessments; visualising environmental monitoring results; methods of optimisation of interactions between ecology, economy and decision making applied to specific examples (i.e. selected success studies). During the IP, theoretical and experimental work both in the laboratory and outdoors will be closely linked. Short introductory lectures will allow the students to get an idea of the topic and the methods applied in each case.

Certificate of course participation, 7.5 ECTS

Based on an individual report each participant will receive a certificate corresponding to 7.5 ECTS.

Working language, registration, estimated expenses, prepayment

The teaching language for the intensive course will be English. The ultimate deadline for registration is the **1st of March 2012**. Accommodation cost in South Tyrol (half board: bed & breakfast, dinner) will be 142 Euro, 107 Euro are funded by the EU Intensive Programme, the rest of approx. **35 Euro** has to be paid by the students themselves (prepayment). The cost for bus transfer (80 Euro) is funded by the EU Intensive Programme. In South Tyrol lunch (lunch packets) have to be paid by the students themselves.

Number of participating students

The overall number of participating students in the IP course is limited to 44. The Universities Evora (PT), Zaragoza (ES), Pamplona (ES), Tartu (EE), Nitra (SK), Padova (IT), Trento (IT) and Bolzano (IT) have nominated 24 students and the **University of Innsbruck** has the possibility to nominate **20 students**.

Headlines of the IP course		
Innsbruck	Sunday 13 May 2012	Arrival from abroad at Innsbruck, Youth Hostel Volkshaus (registration: 14:30-16:00) 16:30: Begin of the course; Introduction to IP EUROSTAIN
	Monday May 14	Introductory Lectures – Sustainable management of European mountain areas
	Tuesday 15	Alpenzoo Innsbruck - Lectures on conservation and management of Alpine fauna
	Wednesday 16	Field visit & lectures – Stubai Valley: Analyzing the effects of global changes
	Thursday 17	Field visit & lectures – Sellrain Valley: Ski resort/ Hydropower plant/ Limnology/ Ecotourism
	Friday 18	Introductory Lectures – Decision modelling, Stakeholder consultation
	Saturday 19	University of Innsbruck – Decision Workshop 1 (Sustainable Tourism Development)
	Sunday 20	University of Innsbruck – Workshop 2 (Sustainable Valley Development)
Mals	Monday 21	Bus transfer to Mals (I); Field visit & lectures Reschen hydropower reservoir / Sustainable River Management: Etsch-Dialogue
	Tuesday 22	Field visits & lectures – Matscher Valley: Sustainable management and global changes
Natz	Wednesday 23	Field visit & lectures Field visits and lectures – Geology and Natural hazards Bus transfer to Bolzano
	Thursday 24	Field visits & lectures – Interaction between flood risk and land use in mountain basins
	Friday 25	Field visits & lectures – Restoration Ecology – Ecosystem Restoration
	Friday 25	18:00: Bus transfer to Innsbruck / End of the IP Course
For further information see Preliminary Programme: http://www.uibk.ac.at/eurostain/		