



SOKRATES-PROGRAMM

<http://europa.eu.int/comm/education/Sokrates.html>

ERASMUS 1

Project reference: 29312-IC-1-2004-1-AT-ERASMUS-IPUC-2

## VERANTWORTUNGSVOLLE BODENNUTZUNG UND REGIONALENTWICKLUNG

### Intensive Program: "Responsible Use of Soil and Land and Regional Development"

You can download the

[SOKRATES Intensive program application \(English\)](#)  
[SOKRATES Intensivprogramm Antrag \(German\)](#)

on the website

<http://www.academia-danubiana.net/projects/ipsoil/index.html>

## RESULTS OF THE KICK OFF MEETING IPSOIL II

Neusiedl am See  
November 24<sup>th</sup> – 25<sup>th</sup> 2005

UNIVERSITY OF NATURAL RESOURCES AND APPLIED LIFE SCIENCES –  
BOKU, VIENNA  
**Socrates Erasmus Intensive Programme**  
**“Responsible Use of Soil and Land and Regional  
Development”**

## INTRODUCTION OF THE KICK OFF MEETING

An **INTENSIVE PROGRAMME** is a short programme of study which brings together students and staff from universities in different participating countries in order to:

- encourage efficient and **multinational teaching of specialist topics** which might otherwise not be taught at all, or only in a very restricted number of universities;
- enable students and teachers **to work together in multinational groups** and so benefit from special learning and teaching conditions not available in a single institution, and to gain new perspectives on the topic being studied;
- allow members of the teaching staff to **exchange views on teaching content** and new curricula approaches and to test teaching methods in an international classroom environment.<sup>1</sup>

## GOALS, AIMS, OBJECTIVES

The **second phase** of IPSOIL from 2005 to 2006 deals with conceptualizing a concept about soil and land use towards a thematic strategy for soil protection and sustainable land use. The question will be, how to bridge between the available scientific knowledge on one side and those who need it for defining policies, and operational procedures, such as stakeholders, and politicians and decision makers on the other side. Therefore the main target will be, to develop methodological approaches, how to initiate a dialogue between those who own soil and those who are interested in keeping soil multi-functional.

- Meeting of the staff-team and the academic participants
- Sharing intentions and building the social architecture of the project
- Completion of the program.

Developing the procedure of the program:

- The representatives of all institutions will bring **STATEMENTS** about their intended methods and planning means in the field of multifunctional land use planning.
- Selection of a final heading for the **LECTURES AT THE WORKSHOP**
- Defining information **MATERIAL AND GUIDELINES** for the students. Determining a list of criteria for selecting the students.
- Precise formulation of the **WORKSHOP INSTRUCTIONS** for the students

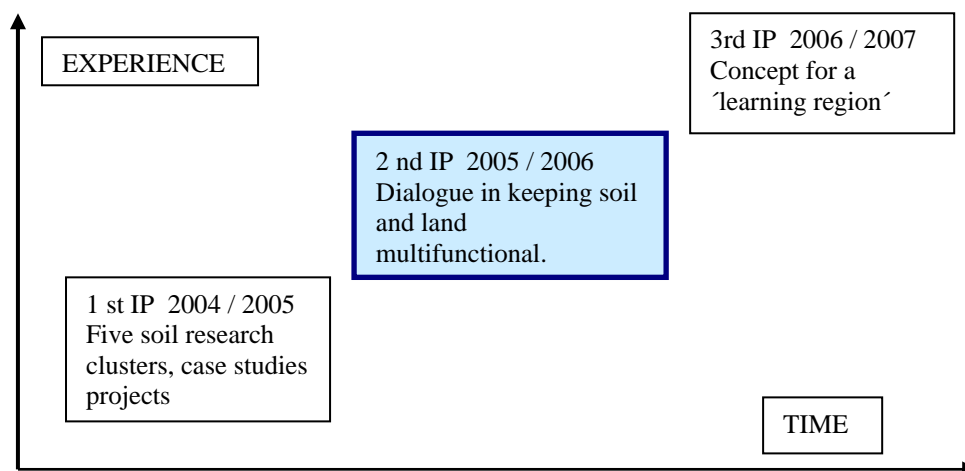
## MAP OF OUR IDEA

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<sup>1</sup> [http://europa.eu.int/comm/education/programmes/socrates/erasmus/intensive\\_en.html](http://europa.eu.int/comm/education/programmes/socrates/erasmus/intensive_en.html)

## THE CULTURE OF THE PROJECT EMBEDDED INTO A VISION

- + Ecological awareness and sustainable development
- + Building a community of experts with shared knowledge and experience



**Every enterprise and every project has a SPIRIT and a CULTURE, generating the visible results.**

### THE CULTURE OF THE PROJECT

<p><b>ARTEFACTS</b></p> <p>visible and tangible e.g.</p>	<ul style="list-style-type: none"> <li>➤ Everything that becomes concrete and tangible during this project: papers, relationships, results, the web-site .....</li> <li>➤ Now already visible: projects, case studies,<sup>2</sup> the preparation of the meeting, the participants at the meeting, this handout, the team work space</li> </ul>
<p><b>DECLARED VALUES</b></p> <p>that the staff-team stands for e.g.</p>	<ul style="list-style-type: none"> <li>➤ EU Soil communication COM (2002,179 Brussels) - 'Towards a thematic strategy for soil protection'</li> <li>➤ Offer a <b>social architecture</b> that           <ul style="list-style-type: none"> <li>-- fosters a communication network (among the participants of the project and between them and other stakeholders), thus promoting and preparing "learning regions"</li> <li>-- allows to deal with social complexity in order to improve capacity building</li> </ul> </li> </ul>
<p><b>BASIC ASSUMPTIONS</b></p> <p>Some of the conscious basic assumptions of the staff team e.g.</p>	<ul style="list-style-type: none"> <li>➤ It is high time to start talking about the danger of uncontrolled sealing and the damage of soil and land and to develop alternatives</li> <li>➤ The 6<sup>th</sup> EU FP is supporting these activities</li> <li>➤ To manage these demands we have to concentrate all our social and didactical abilities in social fields of innovation</li> </ul>

**To find COMMON GROUND in our understanding of the subject and to know about different approaches and even dissent**

### INTRODUCTION OF THE PARTICIPANTS

<sup>2</sup> [http://www.academia-danubiana.net/projects/case\\_studies.html](http://www.academia-danubiana.net/projects/case_studies.html)

To the participants were put same questions as last year. It was important for them to realize again, why they came, what they want to achieve, how and why.

Identifying criteria for 'success', 'failure' and 'satisfying experience' of the participants – please write your expression of your opinion on a card

1. TASK - What are the minimum – demands and conditions that must be fulfilled that you can say: this project was a satisfying experience?
2. TASK - What would be – in your opinion – a real success of this project? What would such a success mean to you?
3. TASK – What would be – in your opinion – a failure? And what would such a failure mean to you?
4. TASK – Please pin your card on a flip chart!

### The **SCIENTIFIC GROUND** of the project

#### LECTURES

**Prof. Winfried E.H.Blum** – Universität für Bodenkultur

„Responsible use of soil  
and land and regional  
development“

**Prof. Karl Spachinger**  
– Fachhochschule Deggendorf



**Doz. Peter Kardos** (Prof. Maros Finka) – Slovak Technical University, Bratislava

“Local and regional development”  
– illustrated by the example of Bratislava

**Prof. Tomaz Prus** – University of Ljubljana<sup>3</sup>

**Prof. Borislav Stojkov** – University of Belgrade

“IP SOIL II – Integrated approach to planning and  
management of soil resources”

<sup>3</sup> <http://www.academia-danubiana.net/projects/lectures.html>



**Doz. Megyery Zsofia** –  
University of Gödöllő

**Doz. Jarmila Husenicova** –  
Slovak Technical University  
Bratislava

"Evaluation of  
urbanization conditions  
and the creation of  
development Visions  
of the Slovak Republic"

**Mag. Pavlina Misikova** – Slovak Ministry of Environment

"A few impulses for Kick off Meeting IP SOIL II"

**Dr. Wilfried Hager** – Municipality of Linz

"Evaluation city regions – Implementation in planning  
procedures"

**Dr. Kurt Puchinger** – Regional Consulting Wien

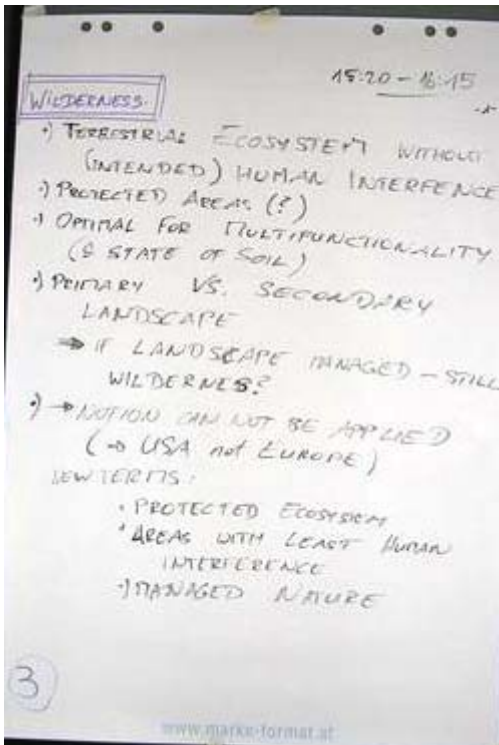
"Learning Region in JORDES and CENTROPE"

## THE MULTIFUNCTIONALITY OF SOIL AND LAND USE

Within group work and plenary sessions we were elaborating a basis for dialogue, to further the emotional understanding between the participants of the Kick off meeting and to enable all interest groups concerned, to understand their common situation better and to accept the responsibility for it. The aim was to reach a common vision and to elaborate proposals for its implementation. Three different groups (Urban, Rural and Wilderness group) were sharing information about the IPSOIL project "Responsible use of soil and land and regional development".

The common goal are strategies, based on the goals and values and finally specifying measures what can be done on different problems about the multifunctionality on soil and land use with priorities on short and long time actions. The groups were formulating different topics and questions about soil and land use for the Intensive program – and the results hung on flip charts.

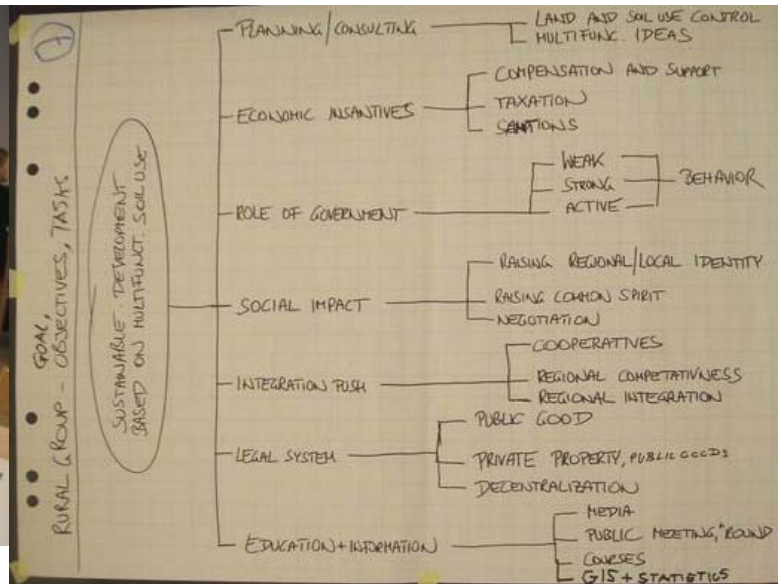
### Results Group "Wilderness"



Workgroup Wilderness

- Definition of wilderness – what is that, how can it be defined?
- Shall the term “wilderness” be used? - Problem of terminology
- How many of these areas (wilderness, natural areas) do we need?
- Can/should be such regions recultivated?

Results Group “rural”



Workgroup Rural

Definition of the levels of tasks - strategies

- 3 sections
- Local – Regional – National

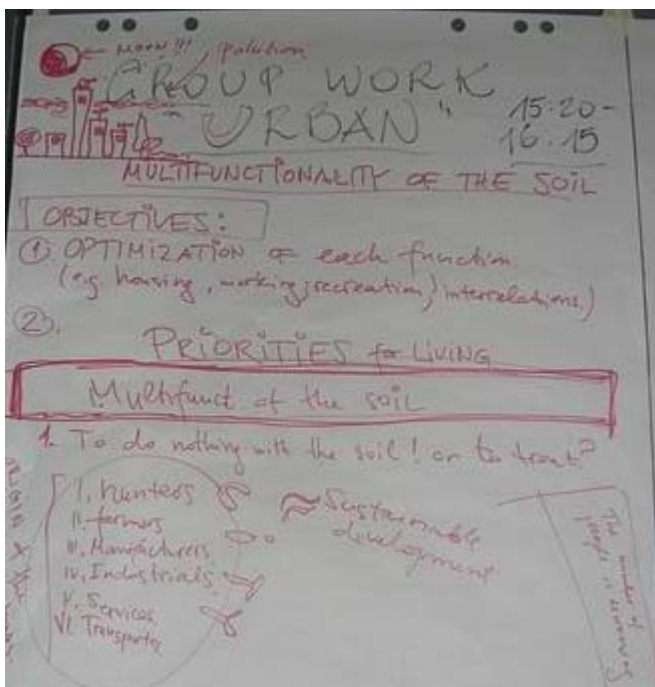
Each of this level has different tasks, working for the level beneath (as groundwork). Each level is working on its own level, but also for the level beneath to create a basis for their goals/objectives and also for the realization.

And after analysing thus strategies, questions were created.

- How to assign the different and dynamic zones of land and multifunctional soil use?
- How to define the complexity of the landscape structures based on its multifunctional use?
- Is multifunctional soil use depending on land capacity and quality and how?
- How to achieve the use of brownfields or the sake of multifunctional soil use and not for commercial use?
- How can education be achieved?
- How can we optimize GIS – methods concerning to the multifunctionality of soil?
- How can we get the connection to the farmers/stakeholders?
- Question about property rights – social responsibility of stakeholders/property. How can this question become more detailed, can this question be solved? Can there be any results or any possible changes concerning that topic?

The questionnaire is very complex – but it's a very complex topic.

## Results Group "urban"



## Workgroup Urban



Steps concerning multifunctional soil use. Done by creating questions to lead to the main topic, the main nucleus of the topic.

- Economic competitiveness in the regional development in the EU countries?
- Why this development issue is getting so important now?
- What is the general goal from the sustainable development?
- What does it mean – sustainable development as considered towards the multifunctional soil preservation?
- Legal awareness in terms of soil protection.
- Driving forms for future developments – what trend do we have right now?
- Which tools should the planner have to judge the degree of sustainability regarding to soil protection?
- How can the soil quality lead to a better cooperation between countries?
- How could the gap between the planner, stakeholder, politicians etc. be closed in order to achieve a better common consciousness about sustainable soil?
- How much and what kind of greenery need the city to become a sustainable one?
- How can the soil influence the quality of urban living?
- The role of wilderness inside the city?
- What are the common indicators for measuring?
- How to find a way to define the values of the soil within the community (what are the preferences)?
- Development tools for economic evaluation of the multifunctionality of the soil potential from the sustainable point of view?

## COOPERATION AND COMMUNICATION

The **external** communication is running on the Internet by our website <http://www.academia-danubiana.net> and by telephone and Fax. The website is adjusted on the server at the ZSI.

The **internal** communication takes part with so called team workspaces. The team workspaces comprises different tools of online collaboration for example discussion room, chat room, file sharing. This team workspace **is limited to the Professors and PhD-Students participating in this project**, as well as the supporting staff group. You will get your **account** and your **password** from Claus Rainer Michalek and then you can enter the team workspace. <https://e-learning.boku.ac.at/> If there are any technical problems – contact Mr. Michalek [claus-rainer.michalek@boku.ac.at](mailto:claus-rainer.michalek@boku.ac.at).

### **Discussion board** with

- + Different **discussion groups**, thematically structured, in which all participants can share their comments on certain topics of questions
- + A **café space** for informal communication about everything the participants want to contribute or discuss outside the scientific work

### **Documents and file sharing** with

- + articles of interest

- + documents of the Staff-Team (e.g. Handout and Protocol of Kick off)
- + final report
- + templates (e. g. for Power Point Presentation)

**Concrete preparation of the Intensive Program in  
February / March**

## INFORMATION AND ENROLMENT OF STUDENTS

At the competent institutions the students will be selected for the IP by the professors. This has to be done until end of December 05' at your institute. Please send us the name, e-mail-address and the department of the university. If the students want to participate at the Intensive Program, they have to be present all the time (March 19th – April 2nd "2006). Please give us also a short statement about your opinion of the ECTS, or comparable credits.

### ECTS

Within the IP we will make use completely of the ECTS points. They will be attributed within this project work, just the same as all the preparatory work, the diploma work and dissertations.

([http://europa.eu.int/comm/education/programmes/socrates/ects\\_en.html](http://europa.eu.int/comm/education/programmes/socrates/ects_en.html))

The program of the IP lasts 13 days and the participating students will get max 8 ECTS points. The students will receive also 1 ECTS point for data collection as a preliminary investigation for the IP with a final report (2 weeks) and also additional 2,5 ECTS points for participating at the IP in Neusiedl am See and finally 2 – 4,5 ECTS points for elaborating a positive report (paper or Diploma work).

### CASE STUDY

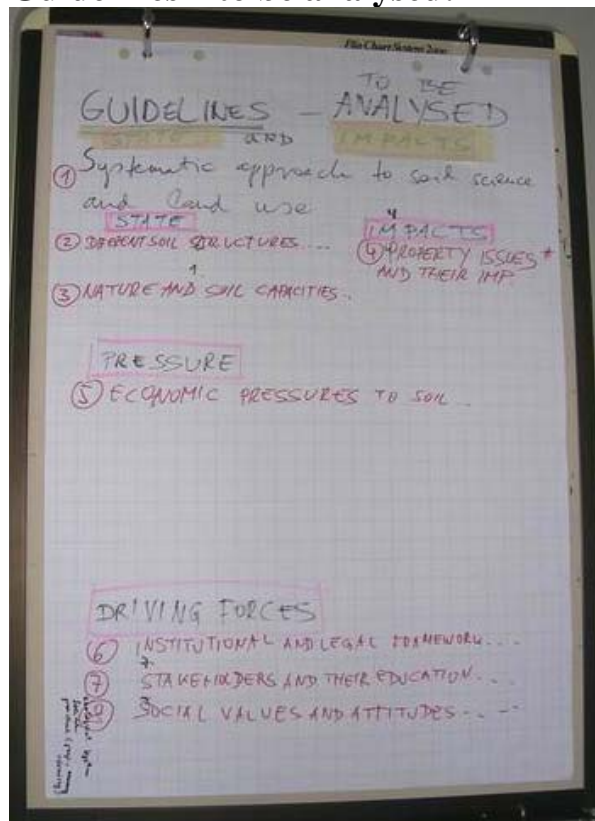
Create working groups at your institute for the development of local working programs (case study, student thesis....) The local case study in your institute is depending on the interest of the participating students (seminar, diploma work, PhD.), available data and the theoretical framework of your special research interest in relation to different problems about the multi-functionality on soil and land use with priorities on short and long time actions.



**Meeting and  
resume of Kick  
off with  
László Miklós,  
Minister of the  
environment  
of Slovak republic**

## INTENSIVE PROGRAM – March 19<sup>th</sup> – April 2<sup>nd</sup> 2006

### Guidelines – to be analysed:



### GUIDELINES FOR THE PROFESSORS AND STUDENTS

As a result of our groupwork on Thursday about the the multifunctionality on soil and land use, we were specifying several topics for case studies and lectures appropriate to the five soil research clusters for the Intensive program in March 2006. The common goal are strategies, based on the goals and values and finally specifying measures what can be done on different problems about the multifunctionality on soil and land use with priorities on short and long time actions.

#### STATE

- Systematic approach to soil and land use  
Prof. Stritar: "Landscape and landscape systems"
- Nature and (its) soil capacities in urban, rural and high mountainous areas
- Different soil structures and possibilities of multifunctional use

Elaborate case studies and lectures for the IP-Soil II

#### PRESSURES

- Economic pressures and soil use in urban, rural and high mountainous context

Prof. Viturka, Brno

Natural capital Amory Lovins: [www.rmi.org](http://www.rmi.org)

#### DRIVING FORCES

- Institutional and legal framework to soil use embitterment
- Social values and attitudes and multifunctional soil use  
Land use ethics (Prof. Prus)
- Stakeholders and their education, information and negotiation on the soil use

Interview guidelines (Pavol)  
 Guideline for stakeholder analyses (Monika)  
 Environment and school initiatives

## IMPACTS

- Property issues and their impact to the soil use

## RESPONSES – we are looking for

- Ecological and aesthetic reflection of different soil use (identity)
- See also our results from IP SOIL I

## PROJECT WEEK

Make sure that you can be in Neusiedl am See from March 20<sup>th</sup> – March 24<sup>th</sup> 2006 to participate in the first week at the Intensive Program week!!! Your personal presence as a participating professor during that time is very important for achieving the goals of the project and therefore not negotiable! The second week is optional for professors.

## ACTION PLAN

Title of the project				
Project goals and objectives.				
Working group / additional project partners				
What	Who	with whom	Till When	o.k.
Enrolment of student	Each participating university		Dec. 15th	
Final documentation of the kick-off	Keyzlarova, Dvorak		Dec. 15th	
e-Learning (passwords, etc.)	Kertesz		Dec. 1st	
Invitation letter	Kvarda		Feb./March	
Goals and strategies (relating to the 5 soil research clusters) – Priorities	Marijana		Dec. 15th	
E-Mail addresses	Karl Sp.		Nov. 25th	
Providing planning material	Everybody		Permanent	
Preparing information material for students and profs	Everybody per virtual communication		January	
Titles of lecture and lecturers	Kvarda		IP-Soil II – project week	
Criteria for evaluating the project work	Mihova			

Who was here:



## List of participants

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Nevena VASILJEVIC

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