



Charles University Environmental Center

is organising

the International Roundtable Seminar on

APPROACHES TO ASSESSING THE ENVIRONMENT

**Methods on quantification of the economic impacts and externalities
within the environmental area**

October 2-3, 2003

Rectorate of the Charles University in Prague - Karolinum
Malá zasedací místnost (Small Conference Hall)
Ovocný trh 3-5, second floor

Thursday, October 2nd, 2003

1. Session: Valuing the environment, natural resources and human life

- 9:00 - 9:30 Registration
- 9:30 - 9:40 Introduction
Prof. Bedřich Moldan, CUEC
- 9:40 - 10:00 Implementation of ExternE method in the Czech Republic
Milan Ščasný, CUEC
- 10:00 - 10:40 Keynote speech 1: ExternE method and estimation of energy externalities
Dr. Ari Rabl, Ecole des Mines, Paris; ARMINES
- 10:40 - 11:00 Discussion
- 11:00 - 11:30 Coffee break
- 11:30 - 12:00 Damages on materials and buildings caused by air pollution
Kateřina Kreislová, Dr. Dagmar Knotková, SVÚOM (National Research Institute for Protection of Materials, Czech Republic)
- 12:00 - 12:30 Socio-economic valuation of public forest goods and services - case of the CR
doc. Luděk Šišák, Faculty of Forestry, Czech University of Agriculture, Prague (presented by Pavel Smrčka)
- 12:30 - 12:45 Discussion
- 12:45 - 14:00 Lunch
- 14:00 - 14:30 Keynote speech 2: Evaluation methods for estimating the health effects of air pollution
Prof. Brigitte Desaignes, Université de Paris I, Panthéon-Sorbonne
- 14:30 - 14:45 Discussion
- 14:45 - 15:10 Valuation of statistical life in road accidents
Stanislav Kutáček, Viktor Šed'a, Transport Research Centre, Brno
- 15:10 - 15:35 Application and possibilities of travel costs method in the Czech Republic
Jan Melichar, CUEC
- 15:35 - 15:55 Final speech: Environmental damages, legislation and judicial cases
doc. Jiřina Jílková, IEEP at the University of the Economics in Prague and IREAS
- 15:55 - 16:30 Discussion

Friday, October 3rd, 2003

Session 2: Assessment and modelling of economic impacts of environmental policy

- 9:00 - 9:10 Introduction
doc. Jiřina Jílková, IEEP, University of Economics in Prague
- 9:10 - 10:10 Keynote speech 3: The structure and use of the E3EM model
Dr. Sebastian de-Ramon, Cambridge Econometrics
- 10:10 - 10:50 An applied general equilibrium model HANI for the Czech economy
Jan Brůha, IEEP
- 10:50 - 11:20 Coffee break
- 11:20 - 12:00 Hyperbolic discounting in environmental economics
Michal Andrlé, Czech Ministry of Finance; Jan Brůha, IEEP
- 12:00 - 12:40 Microdata based-reaserch of distributional and social effects of the ETR
Jan Brůha, IEEP; Milan Ščasný, CUEC
- 12:40 - 13:30 Lunch break

Session 3: Economic tools of transport policy and their impacts on the environment and economy

- 13:30 - 13:40 Introduction
Prof. Petr Moos, Faculty of transport, ČVUT
- 13:40 - 14:10 Keynote speech 4: Balanced sustainable development of transport in the Czech Republic and how to appreciate it
doc. Antonín Peltrám, School of international and public relations in Prague
- 14:10 - 14:30 Quantification of external costs in transport caused by air pollution in the Czech Republic
Hana Foltýnová, CUEC
- 14:30 - 14:50 Transport, energy fuels and the environment
Prof. Bedřich Duchoň, Faculty of transport, ČVUT
- 14:50 - 15:00 Discussion
- 15:00 - 15:30 Coffee break

- 15:30 - 15:50 Internalisation of external costs of transport in Slovakia
doc. Ondrej Buček, University of transport and communication, Zilina
- 15:50 - 16:10 Reducing the negative impacts caused by noise in airport area and its economic consequences
Noureddine Lamraoui, Faculty of transport, ČVUT
- 16:10 - 16:30 Economic Value of Urban Green Spaces
Hana Švejdarová, Czech Environmental Institute
- 16:30 - 16:50 Parking policy: Case study Prague - Locality Žižkov
Eliška Kotíková, University of Economics in Prague
- 16:50 - 17:15 Discussion

*The international round-table seminar is organised within the project „Information on Sustainable Development – Education, Economic Instruments and Indicators“ EVG3-CT-2002-80007 - INFOSDEV that is financed by the European Commission within the 5th Framework Programme.
The support is gratefully acknowledged.*