



PROGRAMME

The summer school will consist of *pre lecture* and 5 sessions. *Two seminars* (understanding of the role of institutions in economic processes and utilisation of natural resources), *two workshops*: Institutional dimensions of global environmental change; (ii) Institutions, environment and policy and *collective exercises* to understand ongoing processes in transition economies and enhance the learning process.

Before the course, the participants are required to read the course reading provided for each session which will be made available via restricted access at: <http://www.progeko.savba.sk/pu/pu.php?page=5&p=2&pp=4&j=en>¹

This represents a condition to the participation to the course. After the course, the participants will have to write an essay (about 3000 words), either individually or in groups of up to three maximum. The essays must be handed in until the 29th of July 2007 (More information in regards to this will be provided during the course). Small group sessions will be organised over the duration of the school to facilitate work on students essays which are compulsory for obtaining ECTS credits.

¹ Follow English version→projects→international projects

PRE COURSE LECTURE (OPTIONAL) - AN INTRODUCTION INTO INSTITUTIONAL ECONOMICS (June 17, 14.00-15.30). Arild Vatn, Norwegian University of Life Sciences

This lecture is optional, designed for those students who have a weak background in institutional theory targeting on defining institutions and why do institutions matter and what do they do.

UNDERSTANDING INSTITUTIONS (JUNE 18, 19, 22)

Elinor Ostrom, Indiana University, USA; Dan Bromley, University of Wisconsin-Madison, USA; Arild Vatn, Norwegian University of Life Sciences, Felix Rauschmayer, UFZ – Centre for Environmental Research Leipzig, Germany; Valborg Kvakkestad, Norwegian University of Life Sciences

Seminars on '*Understanding Institutions*' I and II offer an introduction into basic concepts and perspectives in institutional theory. Moreover they offer insights into why institutions matter, how they are formed and change. The role of institutions in securing sustainable/enduring use of natural resources will be emphasised.

Issues to be covered:

- What are institutions?

- What do institutions do and why do institutions matter?
- Resource regimes, their structure and functioning.
- Challenges in establishing durable regimes and sustainable resource use
- Why and how do institutions change?
- How do we study institutions?
- Institutions and complexity – the role of uncertainty.
- Positions in institutional theory.

WORKSHOP 1

INSTITUTIONAL DIMENSIONS OF GLOBAL ENVIRONMENTAL CHANGE: INSTITUTIONAL DYNAMICS ACROSS SCALES (June 20 - 21)

A 2 days programme organised by the International Human Dimension Programme for Global Environmental Change (IHDP), project: Institutional Dimensions of Global Environmental Change (IDGEC) (<http://www.ihdp.org>) with the participation of *Oran Young (IHDP-SC chair), Elinor Ostrom, Sebastian Oberthür and Bernd Siebenhüner.*

The IHDP thematic workshop will focus on the link between insight in the theory of institutions and its application in adapting and mitigation to global environmental change. The core idea will be analysing the roles that social institutions play in

global environmental change as determinants of human-environmental interactions. Major research foci to be addressed will include:

- the role of international environmental and resource regimes in connection with global environmental change (e.g. Kyoto Protocol, Convention on Biodiversity, fishery agreements, etc.),
- the role of multiple institutions, and their interplay in the field of global environmental change, and
- international organisations and institutions to confront global environmental change

WORKSHOP 2: INSTITUTIONS, ENVIRONMENT AND POLICY (JUNE 23, 25,26)

Jirina Jílková University of Economics, Prague, Czech Republic; Maria Kozova Faculty of Natural Sciences, Comenius University Bratislava; Peter Söderbaum Mälardalen University Sweden; Juoni Paavola University of Leeds, Livia Bizikova, Veronika Chobotova, Tatiana Kluvánková-Oravská IF Slovak Academy of Sciences; Andrej Udovc University of Ljubljana; Ilona Banaszak Humboldt University of Berlin.

Workshop 2 will target on specific policy implication of some topics addressed in theoretical seminar 1 and 2 and link to topics addressed by other THEMES events, for example methods and tools

planned for 2008. Specific questions to be addressed include: What are the options for integrated institutions for sustainable development? What are the capacities of different policy instruments (regulatory, voluntary) to solve environmental problems at multi-level governance? How can institutions and various actors that perform them stimulate sustainable development at the corporate level? Special attention will be given to transition processes of Central and Eastern Europe, presenting recent project results, such as EU 5th FMP project: "Integrated Development of Agricultural and Rural Institutions in CEECs, IDARI" (QLK5-CT-2002-02718,).

The workshop will start by an introduction of specific aspects of institutional changes in transition countries of central and Eastern European countries where current decision-making is still affected by post-socialist relations, such as inefficient institutional design, leading to non-robust governance and over-exploitation of natural resources and treating common property as open-access made by T. Kluvankova Oravska. It will be followed by keynote lecture of professor Maria Kozova on institutional changes and strategic planning in biodiversity demonstrated on High Tatras National Park. Case study by IDARI PhD student Veronika Chobotova will on the base of IAD Framework (developed by Elinor Ostrom) analyze the current situation of tourism development in the Slovenský Raj National Park. Public presentation of National Park managers

and excursion will offer real life confrontation with the emerging issues.

Professor Söderbaum of Mälardalen University Sweden will lecture on the perspective of actors (Political Economic Person) in institutional change process for sustainability. He will be referring to examples from business but also to the emergence of ecological economics as a scientific field. New dimensions of institutions for environmental governance will be offered by Juoni Paavola from University of Leeds, UK.

Thematic presentations and several case studies from the region, which demonstrate institutional change at multilevel governance of water, climate and agriculture as a reaction to a common problem in Central and Eastern Europe will follow. It includes the keynote lecture of Professor Jirina Jilkova from Economic University Prague, co-author of original monography on institutional aspects of flood prevention in CEE region.

Collective exercise (June 27, 28)

Peter Sauer (University of Economics Prague, Czech Republic), Nicolas Kosoy (Autonomous University Barcelona) and others.

In order to link theoretical knowledge to real policy issues and enhance learning processes, a simulation

exercises will be developed for the participants. The simulations will concentrate on theoretical issues discussed during the first week of the school concerning institutional change and transition processes. Participants will be given either individual or group tasks related to the role of stakeholders involved in the model situation in water, biodiversity and climate issues, where human activity is conflicting with the environment and where sustainable use represents a viable option for solving the conflict. Instruments identified within the theoretical seminars, as well as derived from discussions within thematic workshops or previous events of THEMES will be made available to participants in solving model scenario issues.

Evaluation (June 29) focus group discussion on series evaluation and closing of the School.

Institutional Analyses of Sustainability Problems, Institute for Forecasting Slovak Academy of Sciences , Vysoké Tatry, Slovakia 18-29 June 2007

Time schedule	17.6.	18.6.	19.6.	20.6.	21.6.	22.6.	23.6.	24.6.	25.6.	26.7.	27.6.	28.6.	29.6.
	AN INTRODUCTION INTO INSTITUTIONAL ECONOMICS (OPTIONAL)	UNDERSTANDING INSTITUTIONS I		INSTITUTIONAL DIMENSIONS OF GECH IHDP WORKSHOP		UNDERSTANDING INSTITUTION II:	INSTITUTIONS ENVIRONMENT AND POLICY:	F R E E D A Y	INSTITUTIONS, ENVIRONMENT AND POLICY (CONT)		COLLECTIVE EXERCISE PETER SAUER AND OTHERS		SCHOOL EVALUATION
9.00-10.30	<i>Arrival</i>	Introduction lecture 1 Vatn A 9-10.00	Keynote 2: Daniel W. Bromley	Introduction B. Siebenhüner IDGEC Science O. Young	Organisations and Institutions in Global Environmental Governance B. Siebenhüner	Modelling uncertainty D. W. Bromley	Excursions (guided tour) Visit to Observatory at Skalnaté Pleso OR Social and ecological consequences of wind blow on High Tatras NP		The case of sustainable tourism in Slovenský raj NP V. Chobotová	Institutions and Environmental Governance J. Paavola	Exercise 1 P. Sauer	Exercise 4 P. Sauer, A. Udovc	Essays outlines presentations
11.00 -12.30		Public good game E. Ostrom 10.15.-12.00 A. Vatn (12.00–12.45)	Keynote 2: (Continue) Dan W. Bromley	The Complexity of Sustainable SES E. Ostrom The Problem of Scale O. Young Plenary discussion E.Ostrom O. Young	Effects of International Organisations in Global Environmental Governance: Case study facilitated by B. Siebenhüner	Institutions and complexity A. Vatn, Case study on GMO V. Kvakkestad			Political Economic Person, ideological orientation and institutional change processes. P. Söderbaum	Transformations of Institutions in CEE Agriculture A. Udovč	Exercise 2 P. Sauer	Exercise 4	Focus group discussion on Themes evaluation
12.30-13.30	LUNCH								LUNCH				

14.00-15.30	An Introduction into Institutional Economics A.Vatn (Optional)	Keynote 1. E. Ostrom	Round Table with speakers	Institutional Interplay in Global Environmental Governance S. Oberthür	Case study: Presentations by working groups	Evaluating institutional change in a complex environment F. Rauschmayer	15.00 Institutions and Environment in Transition Countries T. Kluvánková-Oravská		Keynote 4 J. Jílková:	New Forms of Cooperation in Agriculture in CEECs. I. Banaszak	Exercise 3 Payments for environmental services N. Kosoy	Exercise 4	Departure
16.00-17.30	Welcome And Introductions to essay writing T. Kluvankova Oravska A. Vatn V. Chobotova	Keynote 1 (continue) E. Ostrom	Group work on essays (GW)	Group work on essays (GW)	Small group discussion on the fit, interplay and scale T.Klvan kova-Oravska and Post docs,	Different positions in IE D. W. Bromley Vatn A.		GW	Social adaptations and climate change in CEE L. Bizikova	Round Table on Institutions and Environmental Policy facilitated by T.Klvan ková-Oravská	GW	GW	
DINNER	Welcome Reception Social programme	DINNER						DINNER					
				General debate with wine		Nature conservation in SR – open discussion with park manager D.Bevilaqua	19.00 Slovak evening		Movie: “Through Groups! - I. Banaszak C.Venot	GW			BBQ Party