

## ECOSYSTEM SERVICES: ADAPTIVE EU POLICIES FOR FUTURE EU REGIONS

CE SPECTRA - Slovak Academy of Sciences -Institute of Forest Ecology, Slovak University of Technology and CzechGlobe -Global Change Research Centre, Academy of Sciences of the Czech Republic.

**International Colloquium: September 30- October 4, 2013 Bratislava**

The conservation of biodiversity provides human society with a vast diversity of benefits because genes, species and ecosystems support the provision of numerous services, which include food, fibre and fuel, the regulation of air and water quality, flood protection, pollination, pest control, recreation, and many more. The quality of these services results – among other things - from how individuals' decisions affect each other and from how they are regulated by decentralized norms and centralized governance schemes, legislations, policies and various forms of economic incentives.

There are still major gaps in national and regional policies in addressing the importance of ecosystem services and their effects on well being of EU regions. Objective of the colloquium is to advance understanding of the effects existing EU legislation and policies on ecosystem services. The main focus will be put on institutional innovations and decision-making approaches to the assessment of the ecosystem services under the conditions of increasing market pressure. The extent to which existing EU legislation and policies (addressing both state and pressures) affect the ecosystems and the associated services. Moreover, the priority is the further integration of ecosystem services into regional policy and other policies closely interlinked with biodiversity and ecosystem services. Benefits of resilient ecosystems are often overlooked. There is a need to take more steps for the systematic involvement of other sectors in tackling the problems of biodiversity loss and degradation of ecosystems and their services. The colloquium is also supported by ISCH COST Action IS1204 Tourism, Wellbeing and Ecosystem Services (TObeWELL) and EU FP7 EcoFINDERS project no. FP7-264465.

**TObeWELL**



## PROGRAMME

### SEPTEMBER 30

**Virtual Laboratory of Experimental Social Sciences (VEEL), Slovak University of Technology, Vazovova 5, Bratislava**

11:00 - 12:30 Behavioural change and Incentive for sustainable use: Payments for ecosystem services - Pilot behavioural experiment

13:00 - 13:30 Welcome and refreshment

**Aula D. Ilkoviča, Slovak University of Technology, Mýtna 36, Bratislava**

13:30 - 14:00 Opening: Maroš Finka, Director of CE SPECTRA, Slovak University of Technology; Michal Marek, Director of CzechGlobe, Academy of Sciences of the Czech Republic; Jozef Váľka, Director of Institute of Forest Ecology, Slovak Academy of Sciences

14:00-16:00 Panel Discussion: Adaptive EU policies for future EU regions: Strategic plans for integration of ecosystem services into regional policy and other related policies of the EU. Chair: Tatiana Kluvánková-Oravská CE SPECTRA

### Panelists:

|                   |                                    |
|-------------------|------------------------------------|
| Bedřich Moldan    | Charles University Prague          |
| Jan. E. Petersen  | European Environment Agency        |
| Rastislav Rybanič | Slovak Ministry of the Environment |

19:00 Welcome Dinner

## OCTOBER 1

**Slovak University of Technology, Vazovova 5, Bratislava, room 501**

9:00 – 10:00 Thematic Panel: ECOSYSTEM SERVICES: Actual research challenges I  
Chair: Veronika Chobotová

- Ecosystem Services: Interdisciplinary research challenges (L. Ditmarova and T. Kluvánková-Oravská, M. Blaženec, Institute of Forest Ecology, SAS and CE SPECTRA)
- Ecosystem Services and ecosystem functions under global change (P. Cudlin, CzechGlobe)
- Ecosystem services, environmental security and disaster risk reduction (B. Loučková, CzechGlobe)
- Ecosystem Services – How Policy Makers and Learning from Previous Experiences (A. Udovč, University of Ljubljana, Slovenia)

10:00 – 10:30 Coffee Break

10:30 – 11:30 Thematic Panel: ECOSYSTEM SERVICES: Actual research challenges II  
Chairs: David Vačkář

- Land Use Conflicts and Ecosystem Services: Exploring the Interplay of Actors and Factors (G. Pataki and Á. Kalóczkai, Environmental Social Science Research Group, Hungary)
- National ecosystem services assessments: experience from the Czech Republic (J. Frélichová, CzechGlobe)
- Modeling ecosystem services trade-offs in a biosphere reserve (Z. Harmáčková, CzechGlobe)
- Behavioral change and Incentive: Payments for ecosystem services (V. Chobotová, SPECTRA - CETIP)

11:30 – 12:30 **Further research challenges: Moderated discussion**

## OCTOBER 4

**Aula D. Ilkoviča, Slovak University of Technology, Mýtna 36, Bratislava**

10:30 – 12:00 Guest Lecture: Rise and Fall of European Spatial Planning.

**Andreas Faludi**, Delft University of Technology

## LIST OF KEY NOTE SPEAKERS

**Bedrich Moldan** is professor at the Charles University in Prague where he is Director of the Environment Center. He is also a member of several scientific and public policy bodies. His experience includes research on indicators of sustainable development (published two monographs commissioned by SCOPE) and various aspects of science-policy interface. He started his public life as the first Minister of Environment of the Czech Republic in 1990. Between years 2004 – 2010 he served as the Senator of the Parliament of the Czech Republic. He held various national and international positions including Chairman of the UN Commission on Sustainable Development (2001) and Chairman of the Scientific Committee of the European Environment Agency (2000-2006).

**Jan-Erik Petersen** has a degree in biology, agro-ecology and public law from the University of Bayreuth and a PhD in political science from the University of East Anglia, UK. Since 2001 he worked at the European Environment Agency (EEA), initially as project manager on agriculture and environment. Since January 2009 he is head of group with responsibilities in coordinating EU state of the environment report 2010, environmental indicators and developing European ecosystem capital accounts, including associated data systems, approaches to ecosystem service classification, and input to the European Ecosystem Assessment Process. Jan-Erik acts also as coordinator of studies on policy coherence, cross-sectoral linkages, as well as the environmental impacts of EU bioenergy production, including global effects.

**Rastislav Rybanič** is Director General –Department of Nature Protection and Landscape Development at the Slovak Ministry of Environment. He is responsible for formulation and implementation of nature, biodiversity and landscape protection policies in Slovakia in the context of European and Global relations. In the past decade he has become increasingly involved in the implementation of the EU policies related to nature protected areas, biodiversity and ecosystem services. He is involved in the work of international conventions and processes related to biodiversity and ecosystem restoration like CBD, IPBES, CMS and Bern Convention. Studied Environmental Sciences with emphasis on biodiversity conservation at the Comenius University in Bratislava.

**Andreas Faludi** is a Chair in Spatial Policy Systems in Europe at Delft University of Technology. He studied architecture and planning at Vienna University of Technology where he was awarded his PhD in 1967. His academic career started at the Oxford Polytechnic (1968-1973), followed by a chair in urban planning at Delft University of Technology (1974-7), a chair in planning at the University of Amsterdam (1977-1998) and a personal chair in spatial spatial policy systems in Europe at Radboud University Nijmegen (1999-2004). His specialisms are planning theory and methodology, the study of Dutch strategic planning and European and comparative planning. He is a member of Association of Dutch Planners (BnSP), Association of European Schools of Planning (AESOP), Faculty Associate, Lincoln Institute of Land Policy, Cambridge, MA, NUW: Foundation the Northsea-region in an Urbanised World.