

The University of Economics in Prague

Matej Bel University, Banská Bystrica

Széchenyi István University, Győr

AGH University of Science and Technology, Krakow

The College of Informatics and Management in Bielsko-Biala

METCENAS o.p.s., Prague



International Scientific Conference

2013' Visegrad Conference on Common Environmental Problems

March 4 - 5, 2013

The University of Economics in Prague

W. Churchill Sq. 4

Prague 3 - Žižkov

Czech Republic

Room 244 NB

This conference is organized at the occasion of 60th anniversary of the University of Economics, Prague and is supported by Visegrad Fund as a Standard Grant

Scientific Committee:

doc. In. Petr Šauer, CSc
doc. Ing. Dana Švihlová, PhD
doc. Ing. Antonín Dvořák, CSc.
Prof. Dr. Jan W. Dobrowolski
Dr. Aniko Zseni
Dr. Inž. Robert Bucki
RNDr. Jan Prášek
Ing. Klára Waidová

Organising Committee:

doc. Ing. Petr Šauer, CSc.
doc. Ing. Antonín Dvořák, CSc.
doc. Ing. Dana Švihlová, PhD
RNDr. Miroslav Hužvár, PhD
RNDr. Pavol Kráľ, PhD
Bc. Lucie Nencková, MBA
Mgr. Michaela Jeřábková

Contact:

doc. Ing. Petr Sauer, CSc., prof. h. c.
University of Economics in Prague
W. Churchilla 4
130 67 Praha 3
Czech Republic
tel.: + 420-2-24095509
e-mail: sauer@vse.cz

PROGRAM

Day 1: Monday, March 4, 2013

- 09.15-09.30** **Registration**
- 09.30-10.00** **Welcome speeches**
Josef Tauser, deputy Dean of the Faculty of International Relations, University of Economics, Prague
V4 environmental policy from the ministerial perspectives
Klara WAIDOVA, *Ministry of Environment, Department of International Relations, Director*
- Section I* **Key-note lectures**
Chair: Jan DOBROWOLSKI
- 10.00-11.30** **Visegrad Group Countries: Economic Potential in the European Union**
NEMCOVA Ingeborg, *Department of World Economy, Faculty of International Relations, University of Economics, Prague*
- Visegrad Group Countries: Political Potential in the European Union**
DUBSKY Zbynek, *Jan Masaryk Centre for International Studies, Faculty of International Relations, University of Economics, Prague*
- Visegrad Group Countries' Environmental Performance: The History and Current State**
PRASEK Jan, *METZENAS/CENIA, Prague*
- 11.30-12.00** **Discussion**
- 12.00-13.30** **Lunch**
- Section II* **Cross-border Environmental Problems and Policies I**
Chair: Dana ŠVIHLOVÁ
- 13.30-15.00** **Particulates Air Pollution and their Sources Identification: A Tool for V4 Cross-boarder Environmental Problems Solving**
LICBINSKY R.¹⁾, HUZLIK J.¹⁾, MIKUSKA P.²⁾, VOJTESEK M.²⁾, ADAMEC V.¹⁾
1) Transport Research Centre, Brno
2) Institute of Analytical Chemistry of the ASCR, Brno
- Air pollution problem on the eastern Czech-Poland border**
SVECOVA Vlasta, SRAM Radim J.
Institute of Experimental Medicine AS CR, Prague
- Air Silesia – New Common Access to the Cross Border Air Pollution**
JANČÍK P., PAVLÍKOVÁ I., BITTA, J.
VSB – Technical university of Ostrava

Perception of visitors and economic impact of national parks: Case study from Tatra National Parks (Slovakia/Poland)

ŠVAJDA Juraj, *Faculty of Natural Sciences, Matej Bel University Banská Bystrica*

Sustainable Development in Polish-Slovak Borderpark Pieniny: Interdisciplinary and International Research and Education

DOBROWOLSKI Jan, *AGH University of Science and Technology, Krakow*

Hungary and it's Common Environmental Issues with Slovak Republic

ZSENI, Aniko, *Department of Environmental Engineering, Széchenyi István University, Győr*

15.00-15.30

Discussion

15.30-15.45

Coffee

Section III

Cross-border Environmental Problems and Policies II

Chair: Aniko ZSENI

15.45-17.15

Target-based environmental programming for the Carpathian region: the potential contribution of Visegrad Group

HRYNIV Lidiya S.¹⁾, KHODYKO Dmitry¹⁾, FRANKO Ivan²⁾

1) Department of Economy of Ukraine

2) National University of Lviv

State of the environmental impact assessment in the Visegrad group: The Czech Republic, Hungary, Poland and Slovakia

ZVIJAKOVA Lenka¹⁾, ZELENAKOVA Martina¹⁾, GALAS Slavka²⁾, GALAS Andrzej²⁾, SLEZINGR Miloslav³⁾, HAZI Judit⁴⁾, PENKSZA Károly⁴⁾

1) Faculty of Civil Engineering, Technical University of Košice

2) Faculty of Geology, Geophysics and Environment Protection, AGH University of Science and Technology, Krakow

3) Faculty of forestry and wood technology, Mendel University in Brno

4) Department of Nature Conservation & Landscape Management, Szent Istvan University, Godollo

The landscape and the integrated landscape management:

International Watersheds in V4 countries

MIKLOS László, SPINEROVÁ Anna

Technical University in Zvolen

Usage of plant indicators for determining air pollution levels and long-range transport of air pollutants in the Visegrad area

SUCHARA Ivan¹⁾, SUCHAROVA Julie¹⁾, MANKOVSKA Blanka²⁾

1) Silva Tarouca Research Institute for Landscape and Ornamental Gardening, Průhonice, Czech Republic

2) Institute of Landscape Ecology, Slovak Academy of Sciences, Bratislava

17.15-17.45

Discussion

18.00

Working Dinner

Day 2: Tuesday, March 5, 2013

Section IV **Visegrad group as a Coalition in Solving Environmental Problems I**

Chair: Jan PRASEK

09.00-10.15 **Multidisciplinary expert system for ex-ante sustainability evaluation: An Application for V4 Countries**

BULLA Miklos, ZSENI Aniko

Department of Environmental Engineering, Széchenyi István, University, Győr

Management of Stochastic Events in the Polluted Environment: An Application for V4 Countries

BUCKI Robert, *The College of Informatics and Management, Bielsko-Biala*

Ecoinnovation Policy in V4 countries

ŠVIHLOVÁ Dana, KRÁL Pavol, HUŽVÁR Miroslav, *Faculty of Economics, Matej Bel University, Banská Bystrica*

An integrated Approach to the adaptation Climate

Change strategies in Visegrad Cities: A Tool for Common Environmental Policy

KOZOVÁ Mária¹⁾, HUDEKOVÁ Zuzana²⁾

1) Department of Landscape Ecology at the Faculty of Natural Sciences, Comenius University in Bratislava

2) Regional Environmental Centre Slovakia, Bratislava

10.15-10.45

Discussion

10.45-11.00

Coffee

Section V **Visegrad group as a Coalition in Solving Environmental Problems II**

Chair: Robert BUCKI

11.00-12.15 **Diffuse water pollution from agriculture as local and macro-regional problem**

BUJNOVSKÝ Radoslav, *Water Research Institute, Bratislava*

Assessment of the Implementation of the Directives of the Visegrad Group in Selected Towns

KOBYLARCZYK Justyna, *Chair of Housing Environment, Faculty of Architecture, Institute of Urban Design, Cracow University of Technology*

Trends and threats of traditional agricultural landscape in Slovakia
SPULEROVA Jana, DOBROVODSKA Marta, STEFUNKOVA
Dagmar, *Institute of Landscape Ecology, Slovak Academy of Sciences*

Usage of social aspects in international IT systems for reporting environmental issues: Case of Visegrad Group Countries
ZYLA Kamil, KESIK Jacek, KESIK Marta, *Institute of Computer Science, Lublin University of Technology*

Visegrad group contribution to European Forests 2020 targets concerning estimation of full value of forest ecosystem services
VENTRUBOVÁ Kateřina¹⁾, VASICEK Jaromír²⁾, JARSKY Vilém¹⁾

1) Faculty of Forestry and Wood Sciences, Czech University of Life Sciences in Prague

2) Forest Management Institute, Brandýs nad Labem

12.15-12.45
12.45-14.00

Discussion
Lunch

Section VI

Workshop of the monograph authors
Chair: Petr SAUER

14.00-14.45
14.45-15.00

Part I
Cross-border Environmental Problems and Policies
Coffee

15.00-15.45
15.45-16.00

Part II
Visegrad Group as a Coalition in Solving Environmental Problems
Coffee

16.00-16.30

Part III
V4 Countries, their economic and political potential and environmental performance

16.30-17.00

Conclusions and end of the conference