



## **International conference**

### *ENVIRONMENTAL SCIENCE AND EDUCATION IN LATVIA AND EUROPE*

## **Conference programme**

February 8-9, 2007

Venue:

The Ministry of Environment

Room 409, 25, Peldu Street, Riga, Latvia

**February 8, 2007**

**9.00-9.50** Registration

**10.00-10.10** **Welcome by**

- the Minister of Education and Science-Baiba Rivza and
- the Ministry of Environment

**Opening ceremony**

10.10-10.25 Dagnija Blumberga  
Environmental Science and Education in Latvia. Council of Environmental Research and Education

*Head of the Council of Environmental Research and Education*

**Session 1**

10.25-10.40 Janis Svarcbahs  
Integration of the environmental education in study programmes of Latvia University of Agriculture

Latvia University of Agriculture, Faculty of Rural Engineering, Department of environment and water management

10.40-10.55 Walter Leal  
Towards a Modernisation of Environmental Education

*TU Hamburg-Harburg/TuTech, Germany*

10.55-11.10 Anita Drondina  
Activities of the Ministry of Environment in promoting environment education

*The Ministry of Environment of the Republic of Latvia*

11.10-11.25 Maris Klavins  
Environmental chemistry in the system of the environmental education

*The University of Latvia*

11.25-11.40 Alda Ozola-Matule  
The role of participation of environmental NGOs in environmental science and education – formal and informal approach

*Latvian Green movement*

**11.40-12.30** **Lunch**

**Session 2**

12.30-12.45 Velga Kakse  
Environmental and sustainable development education in elementary education

*IZM Izglītības satura un eksaminācijas centrs*

12.45-13.00 Diana Meiere  
Vides izglītība Latvijas Dabas muzejā  
Environmental education at the Natural History Museum of Latvia

*The Natural History Museum of Latvia*

13.00-13.15 Robert Janson  
Master's Program in Environmental Science at Stockholm University

*Department of Applied Environmental Science, Stockholm University*

13.15-13.30 Bjarne Rasmussen

The creation of sustainable communities, municipalities and regions - we know the problems and possible solutions, but how to do it?

- 13.30-13.45 *Region Zealand*  
Janis Ulme  
Contribution of the FEE programmes towards ESD
- 13.45-14.00 *Environmental Education Fund*  
Gotfrids Noviks  
Environmental Engineering – Problems and Possible Solutions
- 14.00-14.15 Rezekne Higher Education Institution  
Vita Jaunzeme  
Public motivation for participation in informal environmental education and related activities (project „Footprints“)
- 14.15-14.30 *Project “Footprints”*  
Andris Spricis  
Activities of International Baltic University for Environmental Studies
- 14.30-14.45 *The University of Latvia*  
Rudite Grabovska  
Education for Change (EduC): Education for Sustainable Development in the Baltic Sea area
- 14.45-15.00 *Daugavpils University*  
Discussions
- 15.00- 15.15** **Coffee break**
- Session 3**
- 15.15-15.30 Jekabs Raipulis , Janis Gedrovics  
15th-year old youth attitude to actual environmental problems in Baltic – Northeuropa region
- 15.30-15.45 *Riga Teacher Training and Educational Management Academy*  
Sabine Grinberga  
Environmental medicine integration in the learning process of environmental science using IT (CD)
- 15.45-16.00 *Rīga Stradiņš University, Department of Occupational and Environmental Medicine*  
Julija Gusca  
Developing Capacities in Education and Research for Strengthening Global Environmental Management in Latvia
- 16.00-16.15 *UNDP Latvia*  
Liga Antonevica, Antonina Zilinska  
Possibilities of integration issues of environmental education in different courses
- 16.15-16.45 *Daugavpils University*  
Mara Zeltiņa  
Evaluation of sustainable development in local authorities
- 16.45-17.00 *Liepāja Academy of Pedagogy*  
Discussions
- 17.00 1st day closing

**February 9, 2007**

**Plenary meeting**

10.00-10.15 Eriks Leitis  
Role of Environmental Philosophy for Environmental Science and Education  
*The Ministry of Environment of the Republic of Latvia*

**Session 4**

10.15-10.30 Iryna Karpenka  
Environmental Science and Education in the Republic of Belarus on the ecology department of the Belarusian National Technical University

*Belarusian National Technical University*

10.30-10.45 Antra Balode  
Research of the Environmental Science for Sustainable Development

*Latvia University of Agriculture, Institute of Agrobiotechnology*

10.45-11.00 Guntis Brumelis, Voldemars Spungis  
Environmental science in the Faculty of Biology, University of Latvia

*The University of Latvia, Faculty of Biology*

11.00-11.15 Ivars Veidenbergs, Andra Blumberga  
Environmental Engineering Study Programme Development in Riga Technical University in framework BALTECH Programme

*Riga Technical University, Institute of Environmental Protection and Thermal Systems*

11.15-11.30 Arturs Skute  
Integrated field course in environmental science curricula

*Daugavpils University*

11.30-11.45 Marina Valentukeviciene  
Pilot Program for Environmental Engineers: Interdisciplinary Approach to Thinking in English, Sharpening the Mind and Application of Information

*Water Management Department, Environmental Engineering Faculty, Vilnius Gediminas Technical University*

11.45-12.00 Igo Midrijanis  
Popular adult education for sustainable development in rural areas of Latvia

*Liepaja region environmental board*

**12.00-13.00 Lunch**

**Session 5**

13.00-13.15 Boris Fashchevsky  
Ecological Hydrology in System of Environmental Education

*International Sakharov Environmental University*

13.15-13.30 Raimonds Ernšteins, Ivars Kudrenickis, Juris Benders, Roberts Jurmalietis, Ruta Bendere  
Environmental Management Development in Latvia: Theory and Practice

*The University of Latvia, Institute for Environmental Science and Management*

13.30-13.45 Normunds Kadikis  
Systems thinking and critical analysis of causal model for generation of environmental information

- 13.45-14.00 *Latvian Environmental, Geological and Meteorological Agency*  
Ivars Matisovs  
Ecological Expeditions in Rezekne Higher Education Institution: Experience of 10 Years Long Period
- 14.00-14.15 *Rezekne Higher Education Institution, Faculty of Engineering, Natural Sciences Department*  
Iluta Luce, Didzis Elferts  
Implementation of the „Nature management module“ at Faculty of Biology, University of Latvia
- 14.15-14.30 *The University of Latvia, Faculty of Biology*  
Juris Gerasimovs  
The first level higher vocational education studies program in “Environmental protection technology” realisation, problems, solutions in Mechanic and Technology college
- 14.30-14.45 *Olaines Mechanics and Technology College*  
Edvins Silovs  
The Aspects of Environmental Education in the Health Promoting Project of the Gymnasium
- 14.45-15.00 *Riga city Plavnieku gymnasium*  
Discussions
- 15.00-15.15 Coffee break**
- Session 6**
- 15.15-15.30 Gunta Sprinģe  
Adaptation of water resources sustainability principles in European and Latvian context
- 15.30-15.45 *The University of Latvia Faculty of Geography and Earth Sciences*  
Janis Dundurs  
Environmental Health as the uppermost preventive medicine subject for further medics and health care specialists
- 15.45-16.00 *Rīga Stradiņš University, Department of Professional and environmental medicine*  
Inara Laizane  
Integration of Environmental education into school subjects in Rezekne city schools
- 16.00-16.15 *Rezekne Higher Education Institution*  
Boriss Jarinovskis  
Training of Environmental Engineers: problems and perspectives
- 16.15-16.45 *Rezekne Higher Education Institution, Latgale region Sustainable Development Research Institute*  
Discussions
- 16.45 Closing the Conference

## **Posters session**

**On February 9, 2007, during coffee break at 15:00-15:15**

Raimonds Ernsteins, Ivars Kudrenickis, Janis Kaulins  
Integrated Environmental Management: Coastal Sustainable Development

*The University of Latvia, Institute for Environmental Science and Management*  
Rasele Girgzdiene  
Use of the air quality monitoring data in the master's thesis

*Vilnius Gediminas Technical University*  
Julija Gusca, Gatis Bazbauers, Martins Gedrovics.  
Pilot project at Riga Technical University: „Environmental engineering” as further education course

*Riga Technical University, Institute of Environmental Protection and Thermal Systems*  
Austra Ludborza  
The motivation of indispensableness for establishing land melioration system in farmer management of Ozolmuiža rural district

*Agricultural Board of Eastern Latgale region*  
Olga Matvejeva  
The estimate of the tourist and recreant influence in the Daugavpils fortress

*Daugavpils University, Faculty of Natural Sciences and Mathematics, Student of Professional Master course on Environmental planning*  
Marika Rochas, Liga Ozolina  
Environmental Education Project in Ventspils Schools. Best practice

*„Ekodoma” Ltd*  
Claudio Rochas, Agris Kamenders  
Acquisition of systematic thinking. Analysis of eco-construction projects at Riga Technical University

*Riga Technical University, Institute of Environmental Protection and Thermal Systems*  
Vera Solovjova  
The estimation of separate factors of antropogenous influence on an environment of a coastal zone of The Big Stropu Lake

*Daugavpils University, Faculty of Natural Sciences and Mathematics, Student of Professional Master course on Environmental planning*  
Zita Vilcane  
Action Plan for adverse plant species management in Atašiene rural district

*Jekabpils City Council*  
Anna Voloscuka, Valdis Vitolins  
Experimental approach for study course „Introduction into Environmental science”

*Riga Technical University, Institute of Environmental Protection and Thermal Systems*