

REPORT
OF A UNESCO CHAIR IN ENVIRONMENTAL ETHICS AT THE
INSTITUTE OF SUSTAINABLE DEVELOPMENT AT THE EAST-
SIBERIAN STATE UNIVERSITY OF TECHNOLOGY (RUSSIAN
FEDERATION)

I. Address

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The UNESCO Chair in Environmental Ethics at the Institute of Sustainable Development at the East-Siberian State University of Technology (**hereinafter referred to as “the UNESCO Chair”**) was organized on June 26, 2006 on the basis of the Agreement between the United Nations Educational, Scientific and Cultural Organization (**hereinafter referred to as “UNESCO”**) and the East-Siberian State University of Technology from April 19, 2006.

II. Available resources

Human resources

1. V.E.Saktojev – Doctor of Sciences (Economics), Professor, Rector of the East-Siberian State University of Technology, Chairman of the Chair Academic Council.

2. V.V.Mantatov – Doctor of Sciences (Philosophy), Professor, Chairholder of the UNESCO Chair, Director of Institute of Sustainable Development at the East-Siberian State University of Technology, Honored scientist of the Russian Federation, Academician of the Russian Academy of Natural Science.

3. A.B.Imetkhenov – Doctor of Sciences (Geography), Associated Professor of the UNESCO Chair.

4. L.V.Mantatova – Doctor of Sciences (Philosophy), Chief of the Centre for Environmental and Humanitarian Studies of the UNESCO Chair (0,5 rate).

5. I.A.Lambaeva – PhD in Philosophy, Chief of the Sociological Laboratory of the UNESCO Chair, Chief of the Educational Centre for Sustainable Development of the UNESCO Chair.

6. R.A.Batomunkueva – PhD in Sociology, Assistant of the UNESCO Chair, Chief of the Centre of International Relations of the UNESCO Chair.

7. D.B.Budaeva. – PhD in Political Science, an employee of the Sociological Laboratory of the UNESCO Chair.

8. I.V.Zhilkina – Methodologist of the UNESCO Chair.

Material resources.

The UNESCO Chair is located in the new building No.15 (auditorium 458). The Chair has

its own Conference-hall, Sociological Laboratory (located in preventorium of ESSTU). The Chair is equipped by 7 computers (P-IV, III), connected to the Internet. There are 3 printers (Canon LBP 2900 – 2 pcs, Canon LBP 810 – 1pc), copy equipment Canon FC, scanner HP scanjet 5400c.

III. Activities

Education/Training/Research

Taking into consideration prospects of the Baikal natural territory as a target territory of Sustainable Development of the universal importance and the strategic importance of creation of the new education system adequate to requirements of Sustainable Development, taking into account necessity of forming of high moral and ecological culture of the population and strengthening of the international scientific cooperation for the sake of protection of lake Baikal as World Heritage Site, the purpose of the UNESCO Chair in Environmental Ethics is the development of eco-ethical and ideology-methodological basis of Sustainable Development of the Baikal natural territory and forming of innovation educational system on principles of Sustainable Development and Environmental Ethics.

The role of eco-ethical education of the population is of high importance especially nowadays because of the creation of special economic areas of tourist-recreational model in the Baikal region. The activity of the UNESCO Chair will be conducted realizing its responsibility for preserving biodiversity and beauty of the Baikal and for Sustainable Development of the Baikal region.

Research

The UNESCO Chair has developed the following projects:

A. The concept of international project under the aegis of the United Nations "Baikal model-target territory of Sustainable Development" (it is presented to the President of Republic of Buryatia);

B. The concept of Strategy of Social and Economic Development of Republic of Buryatia (it is presented to the Ministry of Economic Development and International Contacts of Republic of Buryatia);

C. The Baikal Declaration in Environmental Ethics;

D. The concept of Moral Economics oriented for preserving eco-system of Baikal natural territory (Professor V.V.Mantatov).

The staff of the UNESCO Chair has defined the basic conditions of stability of socio-natural systems of the Baikal region, has developed conceptual bases of Sustainable Development of tourism in the Baikal region (Professor A.B.Imetkhenov).

The Chair researchers (V.V.Mantatov, Doctor of Sciences (Philosophy); L.V.Mantatova, Doctor of Sciences (Philosophy) consider in their works axiological bases of strategy of Sustainable Development of the world, Russia and the Baikal region; the valuable bases of Environmental Ethics; ecology-humanitarian bases of education for Sustainable Development (by the example of the Baikal natural territory).

One of the most important objectives of the UNESCO Chair is promotion of ethic-ecological problematic into teaching of social, natural and engineering sciences and assistance to the development of ethic-ecological education in the higher institutes of education and secondary schools. In process of elaboration is inter-faculty Master program "Designing/planning of Sustainable Development" on the basis of the UNESCO Chair together with Institute of Sustainable Development at the East-Siberian State University of Technology. The purpose of Master program "Designing/planning of Sustainable Development" is training of experts in the field of designing and management of Sustainable Development of socio-economic and socio-natural systems. It is supposed more profound natural-science, methodological training and

intensive mastering of information technologies.

Education/Training

The results of the research activity conducted by the UNESCO Chair are actively introduced into educational process in several following directions:

at the Chair level the staff:

- is in process of elaborating Master author's program in the field of Sustainable Development and Environmental Ethics on the basis of competence of the specialist, using the personal-oriented organization of educational process.
- developed the special course "Philosophy of Sustainable Development and ethics of a science in information age" and gave it as a lecture to young scientists, post-graduate students and students of the East-Siberian State University of Technology (by V.V.Mantatov, by L.V.Mantatova)

at University level the UNESCO Chair:

- in cooperation with other faculties and Institutes of the University projects Programs of training of experts of different types (technological, engineering, etc.) on principles of Sustainable Development and Environmental Ethics, and also introduces eco-oriented subjects into educational program, prepares methodical materials, conducts courses based on methodology of Sustainable Development to raise the level of specialist's skill;

at regional level the UNESCO Chair has conducted the master-classes and summer schools for young scientists and specialists on problems of Sustainable Development and forming of Environmental Ethics with participation of International and Russian experts.

Bureau of UNESCO in Moscow has supported the project of the Chair under the name "The Level of awareness and educational needs of inhabitants of the Russian regions in the field of Environmental Ethics" under the program of social sciences and the humanities. The purpose of the project is to study the level of awareness and educational needs of inhabitants of the Russian regions and to optimize information providing of educational programs in the field of Environmental Ethics. Realization of the project will promote forming of ecological culture and ecological responsibility of the population of the Russian regions; will help to develop the effective mechanism of use of eco-ethical principles in ecological activity of local communities.

Conferences/ Meetings

The Baikal international conference of UNESCO "Environmental Ethics and Education for Sustainable Development" was held on June 29 - July 2, 2006 in sports-camp "Rovesnik" of the East-Siberian State University of Technology at the lake Baikal (in the framework of the international tenth anniversary "Water for life" and tenth anniversary of "Education for the Sustainable Development" declared by the United Nations). The conference was conducted under the aegis of the President of Republic of Buryatia and was devoted to the 75-th anniversary of academician V.A.Koptjuga.

Organizers of the Conference are Bureau of UNESCO in Moscow, Institute of Sustainable Development and the UNESCO Chair in Environmental Ethics.

Special emphasis was given to the following subjects: Environmental Ethics and education for Sustainable Development; regional researches on environment (by the example of the Baikal region); Baikal - World Heritage Site of UNESCO; Environmental Ethics and moral economy; Environmental Ethics and the Tibetan medicine; Strategy of UNESCO for biospheric territories. The following presentations took place:

- A. innovation project "Environmental Ethics as a basis of forming of the Baikal biospheric

- territory: educational aspect";
- B. the international interdisciplinary encyclopedia "Global studies";
- C. programs of the UNESCO Chair.

The participants of the Conference have accepted the Resolution, an address to the V.V.Putin, President of the Russian Federation; to Nambarin Enhbayar, the President of Mongolia; to S.M.Mironov, the Chairman of the Council of Federation of Federal Assembly of the Russian Federation, to the specialized institutions of the United Nations, to the Presidium of the Russian Academy of sciences. The participants of the Conference suggested to declare one of the years of the international tenth anniversary "Water for life" - International year of lake Baikal, and also to give the status of target territory of Sustainable Development of universal importance to the Baikal natural territory. All the materials of the conference are published in a separate book. More detailed information about the conference is placed on the site <http://www.esstu.ru/faculty/unesco/konf1/index.htm>

On November 21, 2006 Russian philosophic society of the Russian Academy of Sciences and the UNESCO Chair organized conference that was held in a conference hall of the National Library of Republic of Buryatia on the subject "Strategy of UNESCO in the field of philosophy". The Chair plans to organize such conferences devoted to the World Day of Philosophy declared by UNESCO annually.

On July 24-25, 2006 the Forum "Sustainable Development of the countries of Arctic regions and northern regions of the Russian Federation in a context of formation, a science and culture" was held in Yakutsk (Republic of Sakha-Yakutia) with participation of the General director of UNESCO Koichiro Matsuura. The Chairholder of UNESCO Chair V.V.Mantatov made a speech "Environmental Ethics and Sustainable Development".

On December 14, 2006 the UNESCO Chair together with the National Library of Republic of Buryatia organized the Round table on the subject "Baikal - treasure of the world", devoted to the tenth anniversary of inclusion of the lake Baikal in the List of the World Natural Heritage Sites of UNESCO. The following problems were discussed at the round table: legislative security of protection and use of natural resources of the Baikal natural territory, the main directions of the state policy in the field of eco-oriented structural reorganization of economy of Republic of Buryatia, eco-ethical problems of education for Sustainable Development of the Baikal natural territory. The experience of realization of the international ecological projects in the Baikal natural territory was generalized.

The participants adopted the resolution which recommends, in particular, to the National Hural of Republic of Buryatia, to accept the Charter of Baikal.

In November 2006 the UNESCO Chair together with gymnasium No. 14 of Ulan-Ude under Cooperation Agreement organized a brain-ring "Baikal - the Site of the World heritage" among pupils of the gymnasium and students of the East-Siberian State University of Technology. The brain-ring was held in the framework of the international tenth anniversary "Water for life" and "Education for Sustainable Development", declared by the United Nations. It has been discussed eco-ethical questions of protection of Lake Baikal and a problem of creation of the Baikal biospheric territory.

The second meeting with pupils of a gymnasium No. 14 took place at the East-Siberian State University of Technology in December, 2006. Schoolboys and students have prepared interesting reports on problems of protection of Lake Baikal. The following imperatives concerning decision-making of a problem of protection of Lake Baikal have been formulated in conclusion of the meeting:

- A. to develop recreational model of Sustainable Development of the region;
- B. to keep the grounds around the Baikal outside of the market;
- C. to encourage aesthetic (instead of consumer) attitude to the Baikal nature;
- D. to forbid or limit the types of economic activities that negatively influence on eco-system of Lake Baikal over all the Baikal natural territory.

In March 2007 the UNESCO Chair in Environmental Ethics signed the Cooperation Agreement with the Buryat gymnasium No. 29 of Ulan-Ude.

In March 2007 the UNESCO Chair organized the seminar-training on Environmental Ethics and Sustainable Development together with teachers of gymnasiums No.14 and No.29 of Ulan-Ude. The participants of the seminar noted that understanding of prospects of the world development, ability to correlate and coordinate problems with global ones - all this is a necessary condition to accept the regional strategic decisions in the Baikal region. The Chair has developed special course on Sustainable Development and Environmental Ethics for their introduction to educational process in the before-mentioned gymnasiums.

In March 2007 the UNESCO Chair participated in the inter-regional competition among schoolboys on a subject "Lake Baikal - the World natural Heritage Site" organized by the Baikal State Natural Biospheric Reserve. In April 2007 the UNESCO Chair in Environmental Ethics held a brain-ring "eco-ethical traditions of the population of the Baikal natural territory" between pupils of gymnasiums No.14 and No.29 of Ulan-Ude. Participants of the meeting confirmed that the significant role in forming of Environmental Ethics refers to local traditions which approve the necessity of respect for all life forms. Revival of these traditions will cause the rise of the ecological responsibility of a person. Preservation of the nature for the sake of the nature (not as resource for mankind) is a demonstration of ontological advantage of a person, greatness of his/her rights and duties. This was the leitmotif of these meetings with young people.

Information and documentation activities

Documentation of the Chair

Regulations of the UNESCO Chair in Environmental Ethics approved by Rector of the East-Siberian State University of Technology;
Approved functions of Chairholder, Scientific Chief of the Chair, Senior lecturer, Assistant, Methodologist, Secretary;
The nomenclature of affairs.

Information activity

Information about the UNESCO Chair in Environmental Ethics is under elaboration and placed on the website of the East-Siberian State University of Technology www.esstu.ru

The UNESCO Chair set up section "Sustainable Development of the Baikal region" on the web-site of BaikalInformCenter of National Library of Republic of Buryatia <http://www.baikal-center.ru/center/>

Forthcoming activities:

The efforts of the Chair will be aimed at creation a new educational system that will meet the requirements of the 21 century, at forming of the Environmental Ethics and ecological culture of local population and at elaboration of the international project of Sustainable Development and protection of Lake Baikal (under the aegis of UNESCO). The necessity of developing such an international project is stipulated for the following circumstances. First of all, Lake Baikal is the World Heritage Site of UNESCO. Secondly, the Baikal region is a place where technogenic and traditional civilizations interlace, where two main geopolitic axes «West» and «East» interwine, where Buddhism meets Christianity and where Russia borders with China. Thirdly, the Baikal region in some cases may be considered as a micro model of ecological civilization. The historical experience of Baikal region's population can be used while searching for alternative ways of Sustainable Development of modern civilization.

The purpose of the UNESCO Chair shall be to develop ecological sensibility and ecological responsibility of people and to further establishment of spiritual values in the life of

society. According to these purposes the following actions have been planned:

1. The organization of fundamental and applied researches in the field of Environmental Ethics, carrying out of the comparative analysis of systems of personnel and additional training, collection and distribution of information.
2. The coordination of cooperation of the Baikal region's educational institutions in the field of Environmental Ethics and education for Sustainable Development.
3. The creation of the information, inquiry and research systems, based on informational technologies.
4. Establishment of direct contacts and cooperation with the Russian and foreign universities, the international network of UNESCO Chairs in the field of Environmental Ethics and ethics of science.
5. The establishment of contacts and partnership with specialized institutions of the UN in the field of preservation of Lake Baikal's ecological system and Sustainable Development of the Baikal natural territory.
6. Carrying out of the researches in the field of Environmental Ethics, philosophical and moral basis of Sustainable Development.
7. Introduction the results of scientific researches to the educational process at the departments and institutions of the University. The results can be introduced in the form of additional training courses and laboratory works in the field of Environmental Ethics and Sustainable Development, publication of methodic textbooks and **mediarates**.
8. Development of the world-level educational programs for Masters' training in the field of Environmental Ethics and Sustainable Development using innovative technologies of education (using a personal-oriented organization of educational process).
9. The development of national and regional scientific and educational programs, accumulation and introduction the world's best scientific and practical results in the field of Environmental Ethics, Sustainable Development and environmental sciences in the region.
10. The raising the level of teachers and post-graduate students skill in the field of Environmental Ethics and Sustainable Development, carrying out of intensive courses and summer schools for young teachers and post-graduate students of the region; organization of the exchange of professors, postgraduate students, scientific staff and administrative workers with foreign educational and scientific institutes within the frameworks of UNESCO programs, granting and reception of scholarships; retraining of experts in the field of Environmental Ethics and Sustainable Development that meet the requirements of international educational standards;
11. Conducting the international scientific conferences, symposiums, seminars, schools and summer universities taking into account realized researches on the program activity of the UNESCO Chair in Environmental Ethics.

On May 23-25, 2007 within the framework of the Second International Scientific Conference "Sustainable development of tourism: experience and innovations" the UNESCO Chair organizes a section «Environmental Ethics and management of Sustainable Development» and round-table discussion «International experience of realization of the strategy of Sustainable Development» where the problem of defining the strategy of Sustainable Development of the Baikal natural territory in geographical, economic and ecological context will be discussed and the positioning of the Republic of Buryatia in solution of global and regional problems of Sustainable Development in modern information society.

The purpose of the conference is exchange of views on ecological and ethical problems of sustainable development of tourism, the improvement of state regulation in the sphere of tourism, stimulation of tourism activity as well as the elaboration of practical recommendations on raising the effectiveness of regional tourism in globalization time`.

On June 27-30, 2007 the International scientific conference "Transboundary protected natural territories" will take place. The purpose of the conference shall be to exchange opinions on theoretical and methodical approaches to the researches of the problems of monitoring and preservation of natural complex in transboundary protected natural territories, the development of ecological and ethical concepts in order to solve problems of functioning specially protected natural territories.

Within the frameworks of the conference it is planned to sum up the scientific researches in the following directions: creation of a united network of transboundary protected natural territories "Baikal-Hubsugul"; the development of the strategy of transboundary recreational resources' management; the analysis of a modern condition of transboundary especially protected natural territories; scientifically-methodical bases of monitoring systems in transboundary territories with use of GIS - technology; landscape, ecological and ethnocultural criteria of allocation of protected natural territories and the analysis of revealing the territories with traditional wildlife management.

With the purpose of sustainable development the Educational center of the UNESCO Chair plans to elaborate the programs directed on informing schools of Republic of Buryatia with Environmental Ethics conception through the program of network interaction of educational institutions (as a condition of successful distribution of the Sustainable development concept); conducting summer seminars on Environmental Ethics and Sustainable Development for pupils of secondary schools.

Annexes

Annex 1: Target groups

The primary target group includes

- Teachers of secondary and high schools, professors of institutes of higher education;
- Students of secondary schools, high schools and institutes of higher education;
- Government representatives, representatives of educational institutions, science and culture.

Annex 2: Geographic coverage

The agreements concerning the establishment of the UNESCO Chairs in Environmental Ethics have been signed between the East-Siberian State University of Technology and the following foreign and Russian institutes: Shenyang Polytechnic University (China), Shenyang Institute of Aeronautical Engineering (China) and the Siberian branch of the Russian Academy of Science (the Buryat Centre of Sciences).

Annex 3: Funding sources

Off-budget financing by the East-Siberian State University of Technology and by Bureau UNESCO in Moscow.

Annex 4: Outputs: Form 1. Publication

THE LIST OF PUBLICATIONS OF MEMBERS OF STAFF OF UNESCO CHAIR IN ENVIRONMENTAL ETHICS, 2006

Monographies: Mantatova L.V., Elanova M.M. Humanisation of education with a view of sustainable development, Ulan-Ude, 2006.

Environmental Ethics and education for Sustainable Development. Materials from the International Baikal Conference of UNESCO (June 29 – July 2, 2006) the editor-in-chief: Mantatova L.V., Ulan – Ude, 2006.

Lake Baikal - treasure of the world. Materials from the round table discussion devoted to the 10th anniversary of lake's inclusion in the List of Sites of the World natural heritage of UNESCO. Ulan-Ude, 2006.

1. V.V.Mantatov, L.V.Mantatova.- Sustainable development as civilization imperative. // Materials of the 5th all-Russia Internet conference on the problems of ecophysics and evolutionary economy. – Ekaterinburg: Ural University, 2006.
2. V.V. Mantatov. Sustainable development as a problem of synthesis of a science, morals and education. // Sustainable development of Arctic countries and Northern regions of Russian Federation in the context of education, science and culture. - Yakutsk, 2006.
3. V.V. Mantatov. Axiology of environmental ethics and human values // Vestnic of the Buryat state university. Series 5. Philosophy. Sociology. Edition 12. Ulan-Ude, 2006.
4. V.V. Mantatov. We are for the international year of the Baikal.// «The World of Lake Baikal» magazine, №9-10, Ulan-Ude, 2006.
5. V.V. Mantatov The forming of environmental ethics may be compared to Kopernik's revolution.// «The World of Lake Baikal» magazine, №9-10, Ulan-Ude, 2006.
6. V.V. Mantatov. Science and education in the purposes of sustainable development of the Baikal natural territory. // The materials of the second All-Russia conference “Scientific aspects of the ecological problems in Russia”. Moscow: Russian Academy of Sciences, 2006.
7. V.V. Mantatov. The world summit on sustainable development. //Global Studies, The encyclopedic dictionary. Moscow, 2006.
8. V.V. Mantatov. Sustainable development as a moral problem. // Vestnic of higher school (Alma Mater). Edition 8, Moscow, 2006
9. V.V. Mantatov. Axiological bases of environmental ethics (by the example of Lake Baikal). // The materials of the International Baikal conference of UNESCO “The environmental ethics and education for sustainable development”. Ulan-Ude, 2006.
10. V.V.Mantatov, L.V.Mantatova. Sustainable development: the progress of moral problems. // The materials of the International Baikal conference of UNESCO “The environmental ethics and education for sustainable development”. Ulan-Ude, 2006.
11. V.V. Mantatov. To the question of financing sustainable development in the Baikal territory. // The materials of the International Baikal conference of UNESCO “The environmental ethics and education for sustainable development”. Ulan-Ude, 2006.
12. L.V. Mantatova. Russian moral philosophy as a spiritual basis of education for sustainable development. // The materials of the International Baikal conference of UNESCO “The environmental ethics and education for sustainable development”. Ulan-Ude, 2006.
13. V.V.Mantatov, L.V.Mantatova. Lake Baikal // Global Studies. The encyclopedic dictionary. Moscow, 2006.
14. V.V.Mantatov, L.V.Mantatova. Sustainable development // Global Studies. The encyclopedic dictionary. Moscow, 2006.

During the establishment of the UNESCO Chair the following monographies were published:

A.B. Imethenov, A.I. Kulikov, A.A. Atutov. Ecology and wildlife management. – Ulan-Ude: ESSTU, 2001.

V.V.Mantatov, L.V.Mantatova. The ethics of sustainable development in an information epoch. - Ulan-Ude: the Buryat book Publishing House, 2002.

L.V.Mantatova. The philosophical prospects of sustainable development of the information society. - Ulan-Ude, 2004.

L.V.Mantatova. The strategy of development: values of a new civilization. – Ulan-Ude, 2004.