



The Baltic University Programme



ANNUAL REPORT 2005



UPPSALA
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Contents

Baltic University Programme in 2005	1
Introduction	2
Organization	3
BUP Courses	4
The Mentors	6
The BUP Prizes	6
Cooperation with cities	7
BUP Profile Interview	8
Baltic University Press	10
Conferences & Events 2004	12
Financial Report	14
Course Statistics	16

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The Baltic University Programme in 2005

The year 2005 marked a number of changes and new frontiers for the Baltic University Programme. In April the International Evaluation Committee delivered its report (See the BUP homepage). The committee members – Professors Charles Kurland, Sweden, Bengt Stenlund, Finland and Mirosława Marody, Poland, all experienced evaluators – emphasised that very much has been accomplished with slim resources (“on a shoestring”) over almost 15 years. In particular the Programme has built an invaluable asset, a network of dedicated and informed educators. The evaluators recommended that the Programme be continued, but in a significantly strengthened form, with research and training as an important mission. They state that while implementing change, a period of normalization of the Programme without losing its creative and radical thrust is necessary. Built on the report Uppsala University started a process of reorganisation of the Programme.

As before, education is the largest activity. The number of students registered for courses during 2005 approached 10,000, and a total of 350 course groups were reported. In addition to the existing educational sectors, BUP started the process towards creating a new course package on Ecosystem Health and Sustainable Agriculture with a planning conference in Kaunas, Lithuania. A group of experts from the BUP and the Envirovet Baltic networks (veterinaries from the Baltic Sea region and the University of Illinois, USA) took part. Two teachers’ conferences were organised. The Education for Sustainable Development, ESD, meeting was arranged by the Finnish Centre at Åbo Akademi University. It should be seen in the context of the United Nations Decade (2005-2014) for Education for Sustainable Development, opened during a ministers’ conference in Vilnius in March.

Research in the network was strengthened as a research symposium on sustainable development was arranged together with Baltic 21: “Realizing a Common Vision for a Baltic Sea Eco-region: Research Symposium on Sustainable Development Patterns” hosted by the Immanuel Kant State University of Russia in Kaliningrad on 27-29 October. Several top researchers in sustainability science from the Baltic Sea region held presentations. The symposium proceedings are available on the BUP homepage.

Cooperation with society continued to be a priority. During the year the Baltic University Urban Forum (BUUF) project with 20 cities conducted a string of eleven conferences, many of them back-to-back, in Sweden, Estonia, Latvia, Russia and Poland to develop integrated methods of sustainable urban development.

The breakthrough for a democratic development in Ukraine in 2004 and 2005 has been important for the region. To support the process, BUP held a national meeting in Lviv, inviting universities from the whole country, not only the western part. The interest was large and representatives from the Black Sea to Lviv took part. The meeting contained a seminar on democracy development.

For our students we have been able to once again offer the breathtaking opportunity to sail the Baltic Sea for 10 days on a brig with two masts, the Fryderyk Chopin and at the same time increase their knowledge on sustainable development. This year the route was Szczecin-Rønne-Malmö-Ærøskøbing-Kiel-Swinoujscie and the weather was much better than 2004. For those students who prefer sailing on lakes, we could for the second time offer the possibility to sail on the Polish Mazurian lake system combined with lectures and environmental sampling.

Lars Rydén
Programme Director

Christine Jakobsson
Programme Vice Director



"The purpose of the Programme is to promote and support universities and corresponding institutions in the development of the Baltic Sea region towards peaceful cooperation, democracy and economic, social and ecological sustainable development."

Instructions to the Board

Introduction

The Baltic University Programme is a network of 190 universities and institutions of higher education in the Baltic Sea region, coordinated by a secretariat at Uppsala University, Sweden. The Programme operates mainly by producing and offering courses for studies of the region, of its environment, its political changes, and sustainable development. The Baltic Sea region is understood as the drainage basin of the Baltic Sea. There are 14 countries completely or partially within the basin, including the Nordic and Baltic states, Russia, Poland, and Germany, as well as the major inland states of Belarus, Ukraine and the Czech and Slovak republics. The region has 85 million inhabitants constituting 11% of the population of Europe.

The Role of Universities

Universities, where new generations receive their higher education, have a key role in the transformation towards a democratic, peaceful and sustainable development of the region. This builds on a long tradition of internationalism within the academic world. Today universities also address the general public, and cooperate with authorities and companies when specialist competence is needed. These roles of the universities are even more vital after the dramatic political and societal changes that have taken place in our region.

Courses and Applied Projects

The Programme produces curricula and teaching materials. All courses are interdisciplinary and problem oriented and include elements of regional studies. The Baltic University Programme network intends to be useful to several sectors of society. The activities and study materials have been used in many of the countries as a resource to develop national strategies of sustainable development. The network has also served as a resource in the development of cities. Cooperation with other actors in society in applied projects is an important part of studying and developing sustainability strategies.

Sustainable Development

The Baltic University Programme was initiated by Uppsala University in 1991. This means that The Baltic University Programme will be celebrating its 15th anniversary in 2006. It has its roots in the major changes in the Baltic Sea region at the end of the Cold War. Global efforts to promote sustainable development started during the same period, with the World Summit for Environment and Development in Rio in 1992. Sustainable development addressing environmental, economic and social issues, has become a widespread goal during the transition in the Baltic Sea region.

Today the Baltic University Programme has developed into one of the larger university networks in the world. Several kinds of universities are active within the network: classical, technical, agricultural and pedagogical. The participating universities cooperate in areas of common interest for the whole region – a sustainable regional development.

Mentors and mentors assistants at a meeting in Poland. (Photo: Christine Jakobsson.)



Organization

The Baltic University Programme is led by an international board, appointed for a period of three years by the Rector of Uppsala University. The task of the board is to develop the contents and long term policy of the Programme, as well as to follow and support its implementation at the participating universities and institutions. Furthermore, the board works for the financing of the Programme and decides on its plan of activities. The day-to-day activities are coordinated by the secretariat located at Uppsala University. The secretariat also administers the Programme economy, including contacts with the funding organizations. The 13 national centres distribute information on courses and develop Programme activities within their countries.

The BUP Board 2005

Chair: *Harald Runblom*, Professor, Uppsala University, Sweden

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Bo Sundqvist, Rector, Uppsala University, Sweden

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Ireneusz Zbicinski, Professor, Technical University of Lodz, Poland

Siarhei Darozhka, Assoc. Professor, Belarusian National Technical University, Minsk, Belarus

Student representatives:

Andréas Karlsson, Uppsala University, Sweden

Marcin Stolarek, Technical University of Lodz, Poland (from May 1st 2005)

The Secretariat 2005

Director: *Lars Rydén*, Professor

Vice Director: *Christine Jakobsson*, MSc. Agr.

Financial & Network Manager: *Maria Winkler*, MSc. Econ.,

Administrator: *Kerstin Carlfors & Markus Hed*

Web Master: *Christian Andersson*, Dr

Baltic University Press:

Magnus Lehman, MA, Producer

Nicky Tucker, BSc., Graphic designer

Eija Lietoff Schüssler, MA, Graphic designer

The National Centres 2005

Belarus Belarusian National Technical University, Minsk
Centre Director: *Siarhei Darozhka*, Assoc. Professor

Denmark University of Copenhagen
Centre Director: *Uffe Jakobsen*, Assoc. Professor

Estonia Tallinn University of Technology
Centre Director: *Tatyana Polyeva*, Dr

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Centre Director: *Paula Lindroos*, Dr

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Centre Director: *Walter Leal Filho*, Prof.

Latvia University of Latvia, Riga
Centre Director: *Andris Spricis*, Prof.

Lithuania Kaunas University of Technology
Centre Director: *Linas Kliucininkas*, Assoc. Professor

Poland Technical University of Lodz
Centre Director: *Ireneusz Zbicinski*, Prof.

Russia, Kaliningrad region
Kaliningrad State University
Centre Director: *Elena Kropinova*, Dr

Russia, North-Western region
St Petersburg State University
Centre Director: *Victor Ionov*, Prof.

Slovak & Czech Republics
Slovak University of Agriculture, Nitra
Centre Director: *Pavol Elias*, Prof.

Sweden Umeå University
Centre Director: *Hans Jörgensen*, Dr

Western Ukraine Ivan Franko National University of Lviv
Centre Director: *Iryna Kriba*, Dr

BUP Courses

The courses consist of undergraduate and master's level courses, and specialisation courses for professionals and teachers. The task of the Baltic University Programme is to create a rich learning environment with books, films, Internet sites, and conferences, to study the development of the region. The courses are run separately by each university in the network. Students register at their home university, while course material is produced and distributed within the Programme. Video-, and audio conferencing and the Internet, as well as summer camps, connect the student groups in the network.

Students at a seminar on the course of area studies, the Baltic Sea region in Poznan.
(Photo:Tomasz Branka)



International Courses

Baltic University Programme courses are international, multidisciplinary, problem oriented, and based on ongoing research at the participating universities. The courses intend to give comprehensive knowledge of the environment and of the societies in the Baltic Sea Region. The courses are organized as an international cooperation within the network. In this way, we keep the best standard possible, considering that the topics chosen are so wide that no single university, East or West, has the competence needed to produce such a course on its own.

The student groups in the different countries are offered possibilities to get in touch with each other, and to participate in common events, lectures and seminars, using information technology. During 2005 several student groups also travelled to another country as part of their studies.

Teachers and Students Conferences

To support the teachers in the network, seminars are arranged for var-

ious subject areas. Teachers get the opportunity to discuss with colleagues how to use the material, how to cooperate with practitioners, how to build networks and how to address questions of sustainability in their own municipalities. There are also regional resource persons – mentors and mentors' assistants – for each course, whom the teachers may contact for further discussions.

Students are invited to attend summer camps, sailing trips and other events organized by the participating universities and the Baltic University Programme. Students conferences are arranged regularly to promote contacts, international understanding, and democracy development.

The Web Page & Distance Mode Course

The web page (www.balticuniv.uu.se) is a resource for both students and teachers. It contains information on the courses and the course material, meetings and conferences, as well as

the latest publications from the Baltic University Press. A discussion forum, a guest book and information about the countries in the Baltic Sea region can also be found.

In 2004, the first full distance mode BUP course was launched. The Sustainable Water Management 15 ECTS credits course can now be studied entirely using Internet. The distance mode SWM course is offered by the Air and Water Science Section of the Department of Earth Sciences at Uppsala University. All course material (a total of some 600 pages) can be downloaded as pdf-format documents from the web page. Project tasks, Internet links, questions, and study groups, etc. are available or organised over the homepage. See further: www.balticuniv.uu.se/swm.

- • • For more detailed information about the Baltic University courses, see the BUP web page www.balticuniv.uu.se

Undergraduate level

Environmental Science

The ES courses give multidisciplinary overviews of the situation of the environment in the Baltic Sea region and on how to manage and protect it. The courses provide an excellent background for studying the Baltic University courses on sustainable development. The 15 ECTS course can be divided into two modules which can be studied separately:

Environmental Science (15 ECTS)

- I. **The Baltic Sea Environment (7.5 ECTS)**
- II. **Basic Environmental Science (7.5 ECTS)**

English for Environmental Science

This is an intermediate level English language course which develops comprehension, vocabulary and skills of expression. Terminology used in environmental studies is explained and practised.

The Baltic Sea Region Area Studies

The AS courses treat the Baltic Sea region and its societies under eight headings: history, culture, language, democracy, multiculturalism, social conditions, economics and security. The courses deal mostly with the conditions in the region after the systems change in 1989-91. Regional development is in focus with emphasis on democracy, human rights and economics.

The Baltic Sea Region (15 ECTS)

- I. **Peoples of the Baltic (7.5 ECTS)**
- II. **Regional development and the Baltic Sea region (7.5 ECTS)**

A Sustainable Baltic Region (7.5 ECTS)

The course deals with the sustainable use and management of natural resources and the long-term protection of the environment. Important issues in the course are energy and energy use, material flows, economy and ethics, industry-, agronomy-, transport- and community development.

Master's level

Sustainable Water Management

The SWM courses are master's level courses focusing on questions of sustainable use of water and water resources in the Baltic Sea region. Students should preferably have a background in e.g., hydrology, geology, physical geography, agronomy, soil science, forestry or environmental engineering. The full SWM course consists of three modules which can be studied separately:

Sustainable Water Management (15 ECTS)

- I. **The Baltic Waterscape (4.5 ECTS)**
- II. **Water Use & Management (4.5 ECTS)**
- III. **River Basin Management (6 ECTS)**

Community Development

The CD courses are master's level courses focusing on sustainable community development and urban planning with an emphasis on the Baltic Sea region. The courses are interdisciplinary, problem oriented and preparatory for a professional career. The course includes three modules:

Community Development (15 ECTS)

- I. **The City (4.5 ECTS)**
- II. **Building Sustainable Communities (4.5 ECTS)**
- III. **Sustainable Urban Management (6 ECTS)**

Environmental Management

The EM courses address management in all kinds of organizations, although industries are in focus. They are well adapted for competence development for professionals. The course consists of four modules:

Environmental Management (30 ECTS)

- I. **Policy Instruments for Environmental Management (7.5 ECTS),**
- II. **Cleaner Production and Technologies (7.5 ECTS),**
- III. **Product Design & Life Cycle Assessment (7.5 ECTS)**
- IV. **Environmental Management Systems and Certification (7.5 ECTS).**



The Mentors

The mentors are resource persons available for the teachers of the Baltic University Programme courses. The mentors help to develop the courses, and are advisors for the teachers, having suggestions for additional material, and contacts with other universities.

The Mentors & The Assistants:

- Area Studies •

Prof. Witold Maciejewski
Assistant: Sylwia Schab
Institute of Linguistics, Adam Mickiewicz University, Poland

- Sustainable Development •

Prof. Ireneusz Zbicinski
Assistant: Katarzyna Zykwinska
Faculty of Process and Environmental Engineering, Technical University of Lodz, Poland

- Sustainable Water Management •

Prof. Lars-Christer Lundin
Assistant: Hanna Zandin
Dept of Earth Science: Hydrology, Uppsala University, Sweden

- Community Development •

Assoc. Prof. Per G. Berg.
Swedish University of Agricultural Sciences,
Co-Mentor: Dorota Wlodarczyk
Royal Institute of Technology, (KTH), Stockholm

- Environmental Science •

Prof. Pawel Migula
Assistant: Dominika Stygar
Centre for Studies for Human and Natural Environment & Dept of Human and Animal Physiology, University of Silesia, Poland

- Environmental Management •

Prof. Linas Kliucininkas
Assistant: Dalia Jankunaite
Department of Environmental Engineering
Kaunas University of Technology, Lithuania

The BUP Prizes

In 2005, Artur Magnuszewski and Elena Korschuk were awarded prizes for their contributions to the Programme. The prize Educator of the year was awarded to Dr Artur Magnuszewski and the prize for Special contributions to the network was awarded to Dr Elena Korschuk.

The Baltic University Programme Board decided on two prize winners for 2005: Artur Magnuszewski, Poland and Elena Korschuk, Belarus. The prizes, a diploma and 5,000 SEK, were delivered to the two laureates of 2005 during the teachers' conference of the Baltic University Programme at Borki Molo, Poland on 24 March 2006 by Lars Rydén and Maria Winkler.

Educator of the year

The Prize for Educator of the year 2005 was awarded to Dr Elena Korschuk by the Baltic University Programme Board. Dr Korschuk received the prize in recognition of her important contributions to the Baltic University Programme as a teacher, organizer and leader, by promoting better understanding between the countries in the Baltic Sea region through teaching intercultural communication skills. The Board has recognized her contributions to the "Baltic Sea Region: politics, culture, society" multi-lingual project and as the main author of the textbook "English for Environmental Science",

thereby building bridges between fellow students and teachers, and organizers. Dr Korschuk is working at the Department of English and Speech Communication at the Belarusian State University in Minsk.

Special contributions to the network

The Prize for Special contributions to the network 2005 was awarded to Dr Artur Magnuszewski by the Baltic University Programme Board. Dr Magnuszewski received the prize in recognition of his contributions during many years to the development of the Baltic University Programme. With great theoretical knowledge and practical skills in environmental research and water management at a number of seminars, summer courses, student conferences as well as sailing tours on the Baltic Sea, and his will to help and support the Baltic University, he has earned recognition among students, fellow teachers and organizers. Dr Magnuszewski is working at the Faculty of Geography and regional studies at the University of Warsaw.



Two happy BUP prize laureates Artur Magnuszewski, Poland (far left) and Elena Korschuk, Belarus (far right) together with Lars Rydén, Director of BUP and Maria Winkler, Financial and Network Manager.

Local authorities are key actors in our efforts to reach a sustainable development. Cities and towns have a special responsibility to plan for the future, to care about their inhabitants and manage their resources.

The Baltic University Programme has since 1999 conducted a series of projects with cities and towns to study local sustainable development. In 1999-2002 the Superbs project reported a total of 35 case studies from eight countries in the region. During 2003-2006 in the Baltic University Urban Forum, BUUF, we study urban sustainability strategies, in cooperation with the office of Union of Baltic Cities, UBC, in Åbo/Tuku, Finland and the Royal Institute of Technology, KTH, Stockholm, Sweden.

In 2005 a total of 11 meetings was conducted in Sweden, Estonia, Latvia, Russia and Poland. On the agenda was the integration of different aspects of sustainability and methods for urban sustainable development. It is clear from these activities that one cannot manage sustainability as such. Rather the cities manage resources. The BUUF meetings treated three kinds of independent and limited resources: material resources, specifically energy, waste and water; urban space resources such as the built environment, traffic and transport infrastructure and urban green areas; and human resources, that is the inhabitants and their education, health and work. The discussion focussed on how to work in an integrated way, and how to monitor the resources. A Scientific Advisory Council to the project developed a total of 60 indicators for this purpose.

Other resources also discussed were the cultural and historic ones. It is clear that the list of independent resources may be made quite long.

An important aspect of urban sustainability management is the issue of governance, how to govern the process. Development of sustainability requires that the city recruit the needed participants in the process and coordinate all concerned actors within the city administration as well as in the city at large. Also management is cru-



One of the BUUF Seminars this year was held in Novgorod and St Petersburg. The use of coal as a source of energy is a problem in many countries. (Photo: Sergei Dorozhko)



cial. Aspects of management include the private/public choice, cooperation between municipalities, and cooperation with universities. All this was treated at the different seminars. Interesting applied seminars were conducted regarding the so-called summer cities, such as Norrtälje in Sweden, Sopot in Poland, and Jurmala in Latvia, which have a several time larger population during summers. A very interesting meeting focussed on the development of the Kaliningrad city plan.

The conclusions from the Baltic University Urban Forum project will be published during 2006 as the project is concluded. The results will also constitute study material for the master level course in Baltic Univer-

sity Sustainable Community Development now offered at a number of universities in the region.

We also concluded that cities and universities need to cooperate much more than what is the case today. Cities have - in plain language - to invest more in knowledge, and universities need to apply knowledge much more. Implementation of knowledge is a key way to promote sustainability, and the Baltic University Programme has a role to play in this process.

BUP Profile

Interview



Professor Victor Ionov is BUP Centre Director in NW Russia. (Photo: Christine Jakobsson)

Associate Professor Victor Ionov is Head of the Department of Oceanology, Faculty of Geography and Geoecology and Director of the Division of International Baltic and Arctic Projects at St Petersburg State University. He is also the Director of the North-West Russian BUP Center and the Phoenix Learning Center. Prof. Ionov has pioneered in international scientific and educational cooperation with universities of the Baltic Sea region and started teaching courses in English on environmental issues and sustainable development from 1991. Christine Jakobsson met Victor for an interview about the Baltic University activities in NW Russia in connection with a meeting in St Petersburg to launch a new BUP project on a new educational package on Ecosystem Health and Sustainable Agriculture.

– *How is the BUP doing in NW Russia and in St Petersburg? How widespread is the BUP?*

– The programme is well-known in the region at the main universities of St Petersburg, Novgorod, Pskov and Petrozavodsk. There is a strong interest among students and teachers for BUP courses and other activities. We have a rather stable situation with a number of universities that regularly participate, and some new universities join our network in the process.

To update and spread all information about new courses and materials we regularly organize National conferences for all participating teachers – once every two years – during which they inform the Center about their activities, ideas and problems and get acquainted with BUP news and perspectives.

Students are very enthusiastic and eager to participate in major students events like the Borki conference, camps, field courses and sailing trips during the summer. They always come back home full of inspiration and knowledge and good friends. We ask them to prepare short reports about meetings, which are published on our website <http://www.baltic.pu.ru>

– *What do the teachers say about BUP?*

– Teachers are interested in being involved in the international network and they work with and use all materials which are accessible in printed versions

and on the Internet. Some universities invite special guest lecturers and experts for their courses, in order to give a wide overview of the subjects. Other teachers lead a whole course by themselves, mostly in such cases when BUP courses are scheduled in the curricula as obligatory or supplementary.

– *And what are the difficulties?*

– The main problem is the limited amount of printed materials – books and booklets. Nowadays the Center can arrange materials for teachers but only partly for students. Another weak point is that video materials become older from year to year. We try to renew some of them and add some new films from HELCOM and other sources.

Most of the universities outside St Petersburg have only lack materials but also suffer from weak facilities for updating information and for communication technologies.

– *And the possibilities?*

– One of the most important issues of teaching methodology is the use of computer presentations. They help to illustrate materials and organize the structure of lectures and video conference sessions. Also, one of the possibilities for the future could be an archive of such files in order to exchange the best lectures and practices between universities and use them for BUP courses.

“We are very proud that some students, who graduated BUP courses, continue their career at universities and become teachers and introduce the Programme to the new generation for the future.”

Victor Ionov

Another possibility which we try to introduce in our universities is arrangement of special excursions to some industrial enterprises, wastewater treatment plants, etc., where students could learn more about environmental policies and organization of management systems in practice.

– *Is it easy to organize international courses?*

– International courses are important for students because they give them the opportunity to feel a part of the network, to cooperate on scientific work with other students from different universities and to exchange ideas and visions of problems which need to be solved.

At our university during the last few years, we have had foreign students also from countries outside the Baltic Sea region, who are interested in BUP courses and participate in them and get Diplomas. Newly joined universities have some difficulties with organization of the courses but they try to manage. Our BUP Center helps newcomers with materials and other organizational matters as much as possible.

– *Have you been able to introduce SD in higher education?*

– Now there is a tendency to introduce different courses on sustainable development issues in major universities for different specialties. It goes from widespread international cooperation between universities, integration of educational systems and importance of the concept in the world of science and education. In 2004 we established a Division of Educational Methodology (UMO) on Ecology and Sustainable Development which recommended to introduce the course on SD as an obligatory unit for all specialties in all higher education institutions in Russia. This process of implementation of SD issues in education is also supported by the Ministry of Education and Science of Russia. So, in the near future we could see some results on the level of higher education.



Entrance of the main campus of St Petersburg State University. (Photo: Per G Berg)

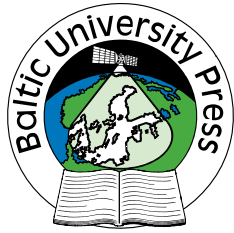
– *What kind of role do you see for BUP in the longer term in Russia?*

– In 2006 the Programme celebrates its 15 years Anniversary and it works well in St Petersburg and the whole region. More than 500 students successfully graduate with Diplomas from one of the BUP courses. The growth of Diplomas is also evident because of the Programme development – we introduce new courses and attract new universities. We expect that this stable growth will continue.

We are very proud that some students, who graduated BUP courses, continue their career at universities and become teachers and introduce the Programme to the new generations for the future.

BUP IN NORTH-WESTERN RUSSIA

In North-Western Russia 11 universities arrange courses within the framework of the Baltic University. Apart from St Petersburg the universities of the network are located in Novgorod, Petrozavodsk and Pskov. Current courses are advertised on the website of the Baltic University Centre.



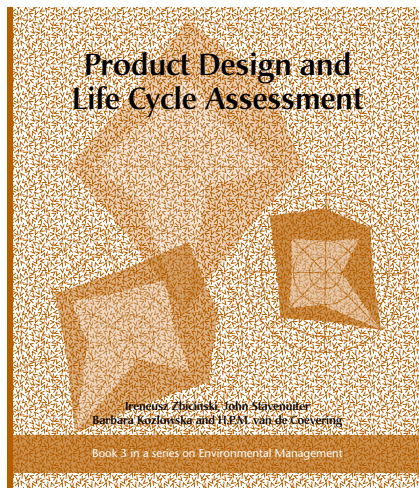
Baltic University Press

We produce books, booklets and video films for the Baltic University. The latest releases are presented below. More than 30 titles are offered in six languages – English, Russian, Belarusian, Ukrainian, Polish and Latvian. A complete list of publications is available on the BUP website where you also can order material.

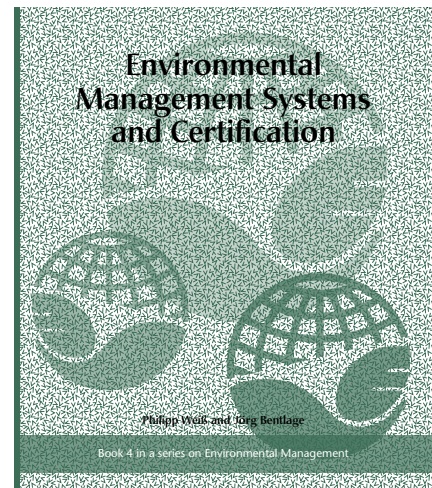
Two titles in the new book series on Environmental Management are now printed. The whole series will be 4 books, each with a bundled CD with information such as videofilms, software, images and additional documents. The total series will be available in autumn 2006.

NEW TITLES 2006!

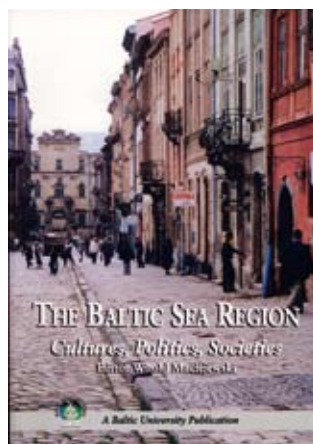
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Environmental Management vol. 3
PRODUCT DESIGN AND LIFE
CYCLE ASSESSMENT
Price: SEK 400+6% VAT, 308 pages



Environmental Management vol. 4
ENVIRONMENTAL MANAGEMENT
SYSTEMS AND CERTIFICATION
Price: SEK 400+6% VAT, 262 pages



THE BALTIC SEA REGION –
Cultures, Politics, Societies
Editor: Witold Maciejewski
Price: 375 SEK+6% VAT, 684 pages

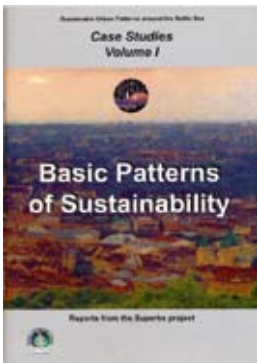


Belarusian edition of
THE BALTIC SEA REGION
Editor: Victor Shadurski
Contact the Belarus BUP Centre
in Minsk for book orders.

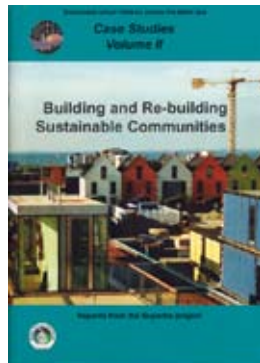


Ukrainian edition of
THE BALTIC SEA REGION
Editors: Markian Malsky and Natalia
Antonyuk
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THE WATERSCAPE
Editor: Lars-Christer Lundin
Price: 200 SEK+6% VAT, 208 pages
Also available in Russian.



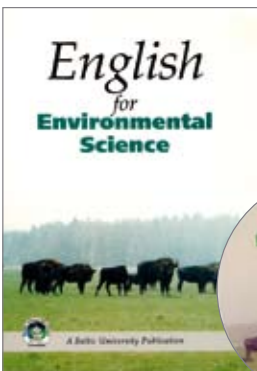
Sustainable Water Management 2
WATER USE AND MANAGEMENT
Editor: Lars-Christer Lundin
Price: 200 SEK+6% VAT, 240 pages
Also available in Russian.



Sustainable Water Management 3
RIVER BASIN MANAGEMENT
Editor: Lars-Christer Lundin
Price: 200 SEK+6% VAT, 244 pages
Also available in Russian.

The **Sustainable Water Management** course is now available as a web based distance learning course at Uppsala University, open to all students anywhere in the world. The course material is published and updated on the internet:
www.balticuniv.uu.se/swm

www.balticuniv.uu.se/environmentalscience
VISIT THE ENVIRONMENTAL SCIENCE WEB PAGE FOR ADDITIONAL MATERIAL



ENGLISH FOR ENVIRONMENTAL SCIENCE
Editors: E. Korshuk, E. Savich, P. Solovoyov, A. Tamarina, and I. Kryba
Price: 150 SEK+6% VAT, 166 pages

English EXERCISE DVD or VHS
A complement to the English textbook with practical examples and exercises.
Price: 200 SEK+6% VAT, 100 minutes



SAILING WITH POGORIA DVD or VHS
A documentation of the students sailing seminar on board the barquentine Pogoria.
Producer: Magnus Lehman
Language: English, no subtitles
Price: 200 SEK+6% VAT, 35 minutes



ENVIRONMENTAL SCIENCE
Understanding, Protecting and Managing the Environment in the Baltic Sea Region
Editors: Magnus Andersson, Pawel Migula, and Lars Rydén.
Price: 500 SEK+6% VAT, 824 pages

Conferences & Events 2005

The Baltic University Programme arranged several conferences and seminars during the year. Most frequent were the seminars within the BUUF project. In Lodz, a student summer course on alternative energy was held in July. In August the sailing seminar on Mazury Lakes, in Poland took place. Below is a list of events held during 2005. For future events, see the BUP website, or subscribe to the Baltic University Programme Newsletter, which is distributed via e-mail.



Part of the conference about Sustainable Chemistry and Biotechnology Research was held at the beautiful convent of St Marienthal. (Photo: Markus Will)

BUUF Centres meeting

19-22 January, Nitra, Slovakia.

Research Conference

Sustainable Chemistry and Biotechnology. Organized by the Technical University of Zittau/Görlitz. 15-19 February, St Marienthal, Germany and Wrocław, Poland.

BUUF Mentors' meeting

21-22 February, Uppsala, Sweden

BUUF teachers' conference

Education for Sustainable Development. In cooperation with the Finnish BUP Centre. 13-16 March, Gdansk, Poland

BUUF Conference

Integrating Water-Energy-Waste Management. 5-9 April, Tartu, Estonia and Tukums, Latvia

Research Conference

Research for and on Sustainable Development. Organized by the Swedish Association for Sustainability Science. 14-15 April, Västerås, Sweden.

BUUF Students' conference

20-24 April, Borki, Poland.

Conference on Integrative approaches to Sustainability – sharing experiences

Organized by University of Latvia, the Baltic University Programme and Hamburg-Harburg Technical University. 11-14 May, Jurmala, Latvia.

BUUF Board meeting

20 May, Uppsala, Sweden

BUUF Conference

Integrating Traffic – Green structures – Rebuilding and remediation planning. 5-8 June, Lodz, Poland.

Final meeting for DOSAIP (Development of Sustainable Agriculture and Industry in Poland)

Nitrogen and phosphorus management concerning Baltic Sea water improvement. 7 June, Falenty, Warsaw, Poland.

BUUF Centres meeting

16-19 June, Kaliningrad, Russia.

Students Summer course

"I've Got The POWER!! Try Alternative Energy Sources". In co-operation with BEST (Board of European Students of Technology). 8-22 July, Lodz, Poland.

Students sailing camp

1-12 August, Mazurian Lakes, Poland.

BUUF Conference

Ecological modernization in historic Baltic Sea region cities. 11-13 August, Vieliky Novgorod, Russia.

BUUF Conference

Socio-economic development. 1-4 September, Hällefors/Norrälje, Sweden.

Sustainable Agriculture and Ecosystem Health Planning Conference

11-14 September, Kaunas, Lithuania.

BUUF Sailing Seminar

On board the Brig Fryderyk Chopin. 21 September - 2 October, The Baltic Sea, visiting Szczecin-Rønne-Malmö-Ærøskøbing -Kiel-Swonoujscie.

BUUF Conference

Applying Integrated Sustainability Strategies on selected cases.
11-15 October, Sopot, Kaliningrad, Kosakowo, Poland/Russia.

Baltic 21 BUP Research symposium

Realizing a common vision for a Baltic Sea eco-region. In co-operation with Baltic 21.
27-29 October, Kaliningrad, Russia

Strengthening BUP activities in Øresund Region Seminar

Organized by the City of Malmö.
3 November, Malmö, Sweden.

BUUF Conference

Holistic city development
In co-operation with Global Community Initiatives.
10-13 November, Warszawa, Poland.

BUP Board meeting

18 November, Uppsala, Sweden.

Ukrainian BUP National Meeting

Seminar on Democracy development.
28-29 November, Lviv, Ukraine.

Swedish BUP National Teachers conference

7 December, Uppsala, Sweden.



Professor Walter Leal Filho lecturing at the Sustainable Chemistry and Biotechnology Research Conference in February in Mariental, Germany. (Photo: Markus Will)



In September in Kaunas, experts and scientists met to discuss a new course package on sustainable agriculture and ecosystem health. (Photo: Christine Jakobsson)



Participants at the student sailing camp on the Mazury Lakes, Poland in July. (Photo: Agnieszka Trzupek)

Financial Report



The economic turnover of the Programme during 2005, counted as costs, was 7.1 MSEK (about 769.000 Euro). The incoming balance, together with grants and incomes for the year, amounted to a total of 6.8 MSEK. Outgoing balance was thus slightly negative for the year.

The Coordination Secretariat

The costs for the BUP Secretariat at Uppsala University were 4.470 MSEK. Compared to 2004, the Secretariat costs increased by 11 %. This is mainly explained by increased salary costs, partly for a larger personnel, but also increased expenses. The funding from the Swedish Ministry of Education covered 46 % and the grant from Uppsala University 22 %. Funding from the Swedish Institute, projects and sales covered 23%. The deficit was thus about 9 %. A number of initiatives to find increased funding of the Secretariat, both on European Union and Swedish national level, were taken during the year.

Network Activities

Costs for activities of 9 BUP Centres in Eastern and Central Europe, student activities, and teachers conferences, totalled 1.109 MSEK. Funding relied mainly on the Swedish Institute Visby Programme, with Sida and the Finnish Ministry of Education, as managed by the Finnish centre, as additional sources. The universities which host centres all contributed to covering costs for the centres; the value of this is estimated to 1 MSEK. Likewise, the hosts of the students and teachers conferences contributed in both financing and organisation.

Baltic University Programme Courses

The costs for running courses are covered by each university. The value of this activity is difficult to estimate, considering the very different conditions of the universities in the network. The most reasonable estimate seems to be that costs outside the BUP organisation itself are equal to the costs inside the organisation. Then course costs would be some 6 MSEK.

The Baltic University Press

The production of books and other printed material, films and Internet pages is a major component of all BUP projects. The production is taken care of by a separate unit, the Baltic University Press, and involves a number of individuals in the network. During the year an Ukrainian edition of *The Baltic Sea Region – Cultures, Politics, Societies*, was published in Lviv. A large cost of BU Press was the continued production of the Environmental Management material. The Environmental Science book webpage was updated with hundreds of pictures and links. Study material is distributed to the eastern part of the network without cost, and to the western part for sale. The distribution of material needs further development. Incomes from sales of books, 93,000 SEK, were not significant, and means to increase the sales need to be found.

Cooperation with local authorities

Applied work on local sustainable development continued to be a major activity in the Programme as the Baltic University Urban Forum (BUUF) project entered its third year. The project has a total budget of close to 12 MSEK over a three year period. Main financiers are Interreg IIIB, the Swedish Institute, Sida, and C-*framåt* (regional cooperation in Uppsala County), and local co-financing. Baltic University is lead partner in the Interreg IIIB project. The number of partners in the project is 40, of which 20 are municipalities in 9 countries. The funding of the BUP for this project during the year, 886,000 SEK, 318,000 SEK to the Secretariat and 567,000 to the project partners, not covering the costs of 798,000 SEK. However payments are lagging behind and this deficit will be paid in 2006.

All figures in SEK

Baltic University Programme total

Activity	Balance 041231	Funding 2005	Costs 2005	Balance 051231
Secretariat	-157,793	4,042,191	4,470,099	-585,701
Network	414,390	694,735	1,023,321	85,804
Projects	1,743,467	610,897	1,652,272	203,272
Grand total	1,501,244	5,347,823	7,145,692	-296,625

Secretariat

Source	Funding	Activity	Costs
<i>Balance 041231</i>	-157,793	<i>Balance 051231</i>	-585,701
Swedish Ministry of Education	2,069,660	Salaries secretariat	3,225,611
Uppsala University	961,992	Travel	164,023
		Information/promotion	104,260
Transfer from projects: BUUF (C-framåt)	46,000	Computers/equipment	53,633
Transfers from projects: BUUF (Interreg)	272,936	Communications	85,920
Transfers from projects: EMS (Sida)	300,000	Premises	337,767
Swedish Institute grants for board meetings	30,000	Board meetings	68,938
Sales of BUP material	93,622	External salaries	41,426
Transfer från Åbo Akademi (home pages)	99,418	Consumables	27,352
Other cooperative projects	168,563	Overhead	361,169
Total	3,884,398		3,884,398

Network

Source	Funding	Activity	Costs
<i>Balance 041231</i>	414,390	<i>Balance 051231</i>	85,804
Swedish Institute grant for Centres	0,00	Centres meetings and costs	261,832
Swedish Institute grant for students conference, and summer activities	360,000	Students activities	434,863
Lodz Tech. Univ & Polish Ministry of Education grant for BUP students summer activity (Mazury)	22,000		
Swedish Institute grant for teachers network	163,485	Teachers conferences	326,626
Finnish Ministry of Education grant to the BUP Center at Åbo Akademi for teachers conferences	149,250		
Total	1,109,125		1,109,125

Projects

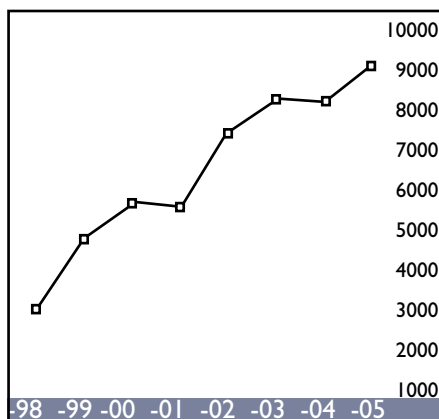
(Most projects run over several years and costs are unevenly distributed over the project period.)

Source	Funding	Activity	Costs
<i>Balance 041231</i>	1,244,647	<i>Balance 051231</i>	203,272
Sida grant for BUUF project	420,438	BUUF project	798,177
		POB translation	45,258
EU/Interreg grant for BUUF project	146,797	BSR book+video	42,275
SI grant for English for Belarusan teachers	43,662	English for Belarusan teachers	43,662
		Environmental Management	662,191
		Sustainable Agriculture	60,709
Total	1,855,544		1,855,544

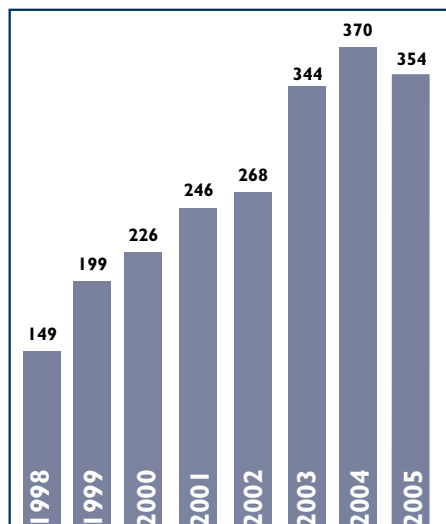
Course Statistics

The yellow column below shows the number of students on the BUP courses, in the different countries.

Country	Universities	Teachers	Study groups	Students	Country	Number of students on the different course sectors:							
						BSE	POB	SBR	SWM	SCD	EE	Others	Total
Finland	7	10	6	243	Finland	31	0	65	39	0	0	108	243
Estonia	7	12	15	887	Estonia	440	142	105	15	0	105	80	887
Latvia	9	28	29	1572	Latvia	514	60	871	127	0	0	0	1572
Lithuania	13	13	19	357	Lithuania	208	34	115	0	0	0	0	357
NW Russia	12	22	28	701	NW Russia	279	54	206	65	27	10	60	701
Kaliningrad	5	10	7	294	Kaliningrad	55	15	220	4	0	0	0	294
Belarus	29	69	72	2276	Belarus	883	145	1040	187	21	0	0	2276
Ukraine	6	18	10	253	Ukraine	39	79	107	28	0	many	0	253
Slovak & Czech Rep.	13	8	5	80	Slovak & Czech Rep.	20	20	20	20	0	0	0	80
Poland	51	101	143	2396	Poland	945	415	756	110	30	140	0	2396
Germany	8	6	2	22	Germany	0	0	22	0	0	0	0	22
Norway	1	0	0	0	Norway	0	0	0	0	0	0	0	0
Denmark	4	8	4	65	Denmark	0	65	0	0	0	0	0	65
Sweden	15	35	14	232	Sweden	102	52	42	23	13	0	0	232
TOTAL	180	340	354	9378	TOTAL	3516	1081	3569	618	91	255	248	



The total amount of students 1998-2005.



The total number of BUP study groups.

BSE = The Baltic Sea Environment
 POB = Peoples of the Baltic
 SBR = A Sustainable Baltic Region
 SWM = Sustainable Water Management
 SCD = Sustainable Community Development
 EE = Environmental English
 Others = Environmental Management, Baltic Business Community, Toxicology, English course

The BUP Network





The Baltic University Programme is a network of about 180 universities and institutions of higher education in the Baltic Sea region. The Programme is coordinated by a secretariat at Uppsala University, Sweden.

The Programme works mainly through producing and offering courses for studies of the Baltic Sea region, its environment, political change, and sustainable development. All courses have an element of regional studies and are interdisciplinary.

Cooperation with other actors in society in applied projects is an important part of studying and developing sustainability strategies, and promoting competence development at large.

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