

## INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE 2018 «SUSTAINABLE DEVELOPMENT IN HIGHER EDUCATION»

The first International Scientific-Practical Conference “Sustainable Development in Education” will be held on April 20-21, 2018 at the Osh State University, Faculty of World Languages and Culture, Osh, Kyrgyzstan. The International Conference on Sustainable Development is inspired from the critical challenge of human, environmental, and economic sustainability concerning the present and future generations in a global-scale context. This theme emphasizes the strong foundation that is provided by using research to inform our everyday practices, policies, and analytical approaches.

The 2018 Conference will provide a forum for the sharing of ideas, presentation of research findings, and discussion of professional issues relevant to Sustainability. This ambition will proceed in a multidisciplinary way across the various fields and perspectives, through which we can address the fundamental and related questions of Sustainable Development. This interdisciplinary forum is for scholars, teachers, and practitioners from any professional discipline who share an interest in and concern for sustainability in holistic perspective, where environmental, cultural, economic and social concerns intersect.

We invite you to submit an abstract in the range of the following streams within the 2018 Conference program:

### 1. Economic Sustainability:

- Quality of life
- Sustainable tourism
- Impact assessment of urban expansion
- Economics for sustainable development

### 2. Environmental Sustainability:

- Environmental management
- Transportation
- Energy resources and savings
- Waste management
- Water and soil conservation

### 3. Socio-Cultural Sustainability:

- Cultural heritage
- Education for sustainable development
- Rural developments
- Planning for equality
- Healthcare
- Gender problems
- Labor migration

### 4. Education for sustainable development

- Integrating sustainability issues in the creative English language classroom
- Sustainable development, higher education and pedagogy
- Sustainability education: perspectives and practice across higher education.

You can find the information about the conference in the official site [www.oshsu.kg](http://www.oshsu.kg)

Additional information will be provided by

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Integrating global issues in the creative English  
language classroom: with reference to the  
17 Sustainable Development Goals



# Elective Course Introduction to Sustainable Development

Osh State University  
Faculty of World Languages and Cultures



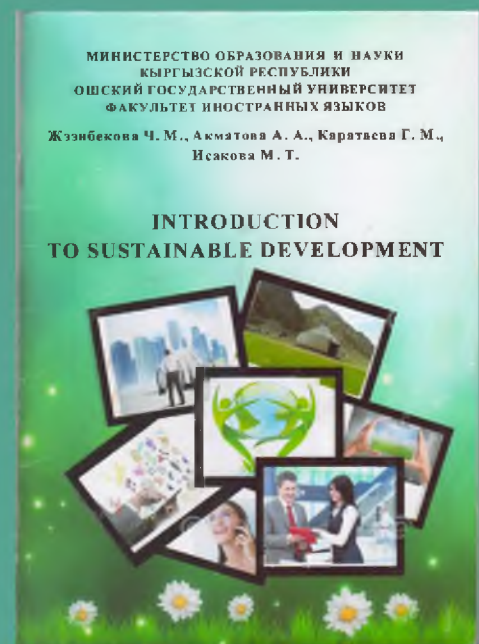
## Why Education for Sustainable Development?

Sustainable development has been identified as one of the greatest challenges that our societies are facing in the 21<sup>st</sup> century. Unsustainable practices are increasing social, economic and environmental inequalities; worsening the impact of environmental degradation; and limiting quality of life. The course “Introduction to Sustainable Development” has been created:

- to enable everyone to acquire the values, competencies, skills and knowledge necessary to contribute to building a more sustainable society;
- to enhance the quality of students knowledge of our sustainability challenges and potential solutions;
- to promote teaching methods that enable students to acquire skills such as interdisciplinary thinking, integrated planning, understanding complexity, cooperating with others in decision making processes, and participating in local, national and global processes towards sustainable development;
- to provide an effective platform for sharing and networking for future collaborative action on sustainable development challenges in Kyrgyzstan.

“Development cannot be sustainable if the disaster risk reduction approach is not fully integrated into development planning and investments.”

Ban Ki-moon  
United Nations Secretary General





International Conference on "Global Universities Partnership on Environment and Sustainability" (GUPES) 2012, Tongji University, Shanghai, China.

Erasmus + program, postgraduate research work on childhood study, Germany, Bergische University of Wuppertal, 2017



Global Universities Partnership on Environment and Sustainability (GUPES) Forum in conjunction with the World Conference on Education For Sustainable Development which was organized by the United Nations Environment Programme (UNEP) 2014, Nagoya, Japan.

International Training Programme (ITP) on "Education for Sustainable Development (ESD) in Higher Education" 2013, Phase 4- Regional Programme in Asia Tongji University, Shanghai, China.

International Conference on Sustainable Development, Artvin Coruh University, Turkey, 2014.

ICT in Education, MASHAV courses, Jerusalem, Israel, 2015 May- June.

International Conference on Sustainable Development, Kara-Kol University, Issyk-kol, Kyrgyzstan, 2013

The courses on Promotion of Food and Agriculture in NIMSME Institute (Hyderabad, India) full courses on Agriculture dealing with Sustainable Development, 2014.

International Training Programme (ITP) on "Education for Sustainable Development (ESD) in Higher Education" 2013, Phase 4- Regional Programme in Asia, Tongji University,



### The International Training Program (ITP) on "Education for Sustainable Development (ESD) in Higher Education"

- ✓ financed by Swedish International Development Cooperation Agency (Sida)
- ✓ implemented by IESD in cooperation with Niras Natura AB. It attracted trainees from the education sectors of Asian countries, including Bangladesh, Cambodia, India, Kyrgyzstan, Mongolia and China, etc.



## Course leaders



**Gulbarchyn Satimbekovna Ergeshova:** Master of Philology, a senior instructor of the Chair of English Phonetics and Grammar, OshSU, who holds Practical Course of English, Practical Grammar, the elective course “Introduction to Sustainable Development” and Conversational English. She is a FORUM member and volunteer coordinator of Nookat region for school teachers where teachers can develop their professional skills. She published manuals and articles which are helpful for students and teachers. She has been doing research work on the theme “Increasing and decreasing of the population in Osh city from 1980-2017”.



**Isakova Mirgul Topchubaevna:** a senior instructor of the Chair of English Phonetics and Grammar, OshSU. She is a training consultant with the FLTA, developing teaching modules on methodology for secondary school teachers in Osh oblast. She holds a Master's degree in Philological Education. She has worked in the field of inclusive education teaching visually impaired students in the Access Microscholarship Program provided by the U. S. Embassy. In her research work, she works on applying approaches to special educational needs and using inclusive practices within a supportive learning environment. She has authored a number of publications and scientific articles, and is a co-editor of a book, entitled “Introduction to Sustainable Development”.



**Attokurova Tazagul Latipjanovna** is an instructor of the Chair of English Phonetics and Grammar, OshSU. She teaches the courses of Practical Course of English, Practical Phonetics of English and Introduction to Sustainable Development. She is a training consultant with the FLTA, developing teaching modules on methodology for secondary school teachers in Kara-Suu region. She holds a Master's degree in Philology. She has delivered the elective course Introduction to Sustainable Development for three years. She has been researching the causes of air pollution and its impact on populations' health in Osh city.



**Toktorova Venera Kudainazarovna:** Master of Philological Education, an instructor of the Chair of English Phonetics and Grammar, OshSU, who holds the elective course “Introduction to Sustainable Development”. Her module provides examples of ways that learning outside the classroom can be used to facilitate education for sustainable development. This includes short visits into the university grounds and local community, as well as visits factories, offices and natural settings such as a river, mountains, national parks, etc. She confirms experiences outside the classroom enhance learning by providing students with opportunities to practice skills of enquiry, values analysis and clarification and problem solving in everyday situations. In her academic career, she is working on Solar Energy to Power Kyrgyzstan of the future.



**Zhorobekova Gulzina Mamatovna:** a master of Philological Education and an instructor of the Chair of English Phonetics and Grammar, OshSU who is teaching elective course “Introduction to Sustainable Development”. She has been doing research on access of pure water and sanitation of the river Akbuura for inhabitants of the city Osh. She had done several works for the sanitation of the river Akbuura with the students, who study the elective course “Introduction to Sustainable Development”.



**Meerim Akbaralievna Bakirova,** instructor of the Chair of English Phonetics and Grammar, OshSU. She conducts the courses of Practical Course of English, Introduction to Sustainable Development, Practical Phonetics, Practical Grammar. In the field of research, she works on the issue of air pollution in the town of Osh.



## Course leaders



**Sabyrkul Kalygulova** is the Dean of the Faculty of World Languages and Cultures, Osh State University, docent of philology. Professor Sabyrkul has published widely in peer-reviewed journals in her field, has co-edited teachers' and students' papers and books. Teaching in Higher Education she co-edited a recent special issue of learning approaches and outcomes with expected results to open education'. Moreover, Sabyrkul has given many keynotes and invited talks internationally on Sustainable Development in Spain, China, Denmark, Turkey.

She authored quite a number of publications on comparative linguistics, English grammar and phonetics, textbooks for university students and schools, potential works were devoted to Sustainable Development in higher education as well. She is the first initiator of implementing this very discipline "Introduction to Sustainable Development" into the curriculum at the faculty. She is the proud holder of several teaching awards, having won the Chancellor's Award, Mayor's Award, Osh State University Award from Ministry of Education, Kyrgyz Republic.

She describes her professional mission as: Together, we will develop our collective strengths, seek out new possibilities, and make bold changes that will direct our work state-wide and define our professional practice moving forward.: 1) advancing humanity's understanding of the universe through practical inquiry; 2) passing on the detailed knowledge of this process and its results to the next generation; and 3) service to humanity and country.

She looks forward to sharing her thoughts related to the processes of letting go and moving on, as well as learning from new colleagues at the International Conference on Sustainable Development.



**Akmatova A.A.:** As the coordinator of the course 'Introduction to Sustainable Development' she actively engages the students in the exploration, transmission and enlargement on environmental, cultural and religious heritage of human society where students gain social awareness of solving real-world sustainability problems and simultaneously develop learning sustainable changes of the society. Her participation as the delegate of Osh State University in Global Universities Partnership on Environment and Sustainability (GUPES) Partnership Forum in conjunction with the World Conference on Education for Sustainable Development which was organized by the United Nations Environment Programme (UNEP) in 2012, Shanghai, China and in 2014, Nagoya, Japan and various trainings abroad give the university teachers a great opportunity to increase successful involvement with universities in the world and assist to develop their professional competences and become professional educators on the issue.



**Alymkulova S. B.:** Education provides the skills people need to thrive in the new sustainable economy, working in areas such as renewable energy, smart agriculture, forest rehabilitation, the design of resource-efficient cities, and sound management of healthy ecosystems. It also can bring about a fundamental shift in how we think, act, and discharge our responsibilities toward one another and the planet.

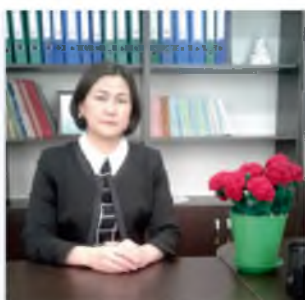
Schools and universities can teach a new generation of environmentally conscious citizens to support the transition to a prosperous and sustainable future.

We, of course, cannot secure a sustainable future in a matter of months. But, with a well-designed set of commitments and targets, we can move onto the right path. And, with effective educational programs that instill in future generations the importance of restoring Earth's balance and delivering a prosperous future for the many, rather than the few, we can stay on that path.



**Makhliyo Nazarova** is an educator, senior instructor and a lecturer on theoretical disciplines of English language and Sustainable Development in Higher Education at the Faculty of World Languages and Cultures, Osh State University.

Makhliyo speaks and consults about the sustainable strategy, pedagogy, and community capacity-building around the world. She has done a research on social studies in Germany i.e. 'Childhood studies' and implemented into academic Master's degree curriculum at the faculty. She is a vice dean of international affairs at the faculty. Makhliyo is widely published in peer-reviewed University journals as well as in public and media venues. Awarded a 2017 Osh State University Award for Excellence in Teaching, Makhliyo has been a teacher and facilitator for more than 20 years. Adult education and professional learning as well as ICT education are longstanding areas of focus in her teaching, and she enjoys few things more than a lively discussion.



**Chinara Mamatjusupovna Zheenbekova:** a senior instructor of the Chair of English Phonetics and Grammar, OshSU. She teaches the courses of Practical Course of English, Conversational English and Introduction to Sustainable Development. Being the member of FORUM, English Language Teacher's Association she has been voluntarily training secondary school English language teachers to contribute to thriving teachers' professional development. She has delivered the elective course Introduction to Sustainable Development for three years and becomes one of the authors of the textbook for students "Introduction to Sustainable Development." She has been researching the role of Islam in comparison with Sustainable Development of society.



International Conference on “Global Universities Partnership on Environment and Sustainability” (GUPES) 2012, Tongji University, Shanghai, China. Shanghai, China.



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International Conference on Perspectives of Digital Age, Kurukshetra University, India, 2017 November  
International Conference on Perspectives of Digital Age, Kurukshetra University, India, 2017 November  
International Conference on Sustainable Development, Kara-Kol University, Issyk-kol, Kyrgyzstan, 2013







### Course Description

The course introduces the concept of sustainable development at the national and international levels. It presents some key challenges including reduction of poverty and sustaining the earth's ecological integrity by such measures as planning population, controlling pollution, conserving ecosystem, promoting participation, preventing policy and market failures, practicing good governance, preventing and managing disasters and forging partnership. It deals with consumption, production and distribution as the principal determinants of sustainable development. The focus is on a new production revolution which aims at minimizing the current problems of unsustainable industrial and agricultural production systems.

Selected issues on the environment that influence sustainable development are presented and discussed. These include environmental management and assessment policies and tools, indicators of sustainable development, global environmental issues and environmental legislation and institutions related to sustainable development. Case studies on sustainable development from developing countries will be presented and discussed during the class presentations.

An understanding of the economics of sustainability is essential for promoting sustainable development. Accordingly the course deals with the evolution of economic thinking on the environment; the issue of policy and market failures; and the concepts of welfare, externalities and valuation and how they affect development decisions. Role and contribution of private sector to sustainable development and the issue of sustainable development in the private sector are also discussed.

On social dimensions of sustainable development, the course presents a strategy to reduce poverty based on sound economic growth, distributional effectiveness and population planning. Selected social issues affecting sustainable development including the participation of stakeholders, principles and guidelines of involuntary resettlement, the role of non governmental organizations, gender mainstreaming and social exclusion will be discussed.

Finally the course presents a critical view of sustainable development and draws possible scenarios as development planning and process as it moves to the future generation.

### Course Objectives

Sustainable development has been identified as one of the greatest challenges that our societies are facing in the 21st century. Unsustainable practices are increasing social, economic and environmental inequalities; worsening the impact of environmental degradation; and limiting quality of life. The course "Introduction to Sustainable Development" has been created:

- to enable everyone to acquire the values, competencies, skills and knowledge necessary to contribute to building a more sustainable society;
- to enhance the quality of students knowledge of our sustainability challenges and potential solutions;
- to promote teaching methods that enable students to acquire skills such as interdisciplinary thinking, integrated planning, understanding complexity, cooperating with others in decision making processes, and participating in local, national and global processes towards sustainable development;
- to provide an effective platform for sharing and networking for future collaborative action on sustainable development challenges in Kyrgyzstan.

***Save the environment and  
you will save the life and future***



## Sustainability-oriented faculty



**Better education  
for sustainable  
development**



**Research  
for sustainable  
development**



**Social service for  
sustainable  
development**



**Integration of science, technology,  
and humanities with  
sustainable development**



**Volunteering for sustainable  
development**

## Sustainability-oriented education



Strengthen general education to broaden students' knowledge, and to integrate science, technology, and humanities.



Enhance students' creativity through practice-based education, inside and outside of classroom, including social practices.



Educate students to shoulder social responsibility and to culture value of sustainable development



After completion the elective course "Introduction to Sustainable Development" the student will be able to share his/her knowledge about environment in the English language; focus on values of life and culture; communicate about basic values of civilian democratic society and can have active civilian position; use acquired knowledge necessary for healthy way of life; for protecting nature and rational use of resources.



# Mission of the Elective Course

## Introduction to Sustainable Development:



### Students:

To foster and promote good relationship among students for better environment and mutual benefits.

### Faculty:

To engage and equip students with necessary skills and abilities required for self reliance and peaceful communal co-habitation.



### Town:

To provide sustainable development to our town through delivery of sustainable projects.

### Nation:

To partner with the government in delivery sustainable projects required for nation building.

### World:

To advocate and support the attainment and achievement of the Sustainable development Goals (SDGs) of the United Nations (UN).







## Integrating sustainable development in English language classroom

Why do we teach Sustainable Development? What has the SD to do with language teaching? There are several intertwined answers to this question. A growing number of ELT professionals have come to believe that language teachers are more than just teachers of language. Through what they teach and their attitudes and practices, they have an enduring influence on the future attitudes and personalities of their students.

There can now be no room for doubt that planet Earth is currently assailed by some potentially lethal problems. The scale of the impact of human intervention on the planet has recently been compared with previous geological periods. The effect of massive industrial and technological expansion, combined with exponential population growth, has put the survival of our ecosystems in jeopardy. Human impact has increased dramatically, yet human nature has not made comparable progress.

There are no quick-fix solutions to these problems. But many would argue that teachers have a major role to play in helping to change unhelpful mindsets, and in raising awareness of the problems and issues, rather than continuing to turn a blind eye to them. The teacher is the most significant factor in the learning context.

The thrust of the elective course "Introduction to Sustainable Development" is also in line with the relatively recent interest in critical thinking and in so-called 21st-century learning. We hope that this course will provide added impetus to the initiatives and will also draw attention to the many projects operating to reduce the negative







### Extra- curricular activity devoted for sustaining healthy style of life

The aim of the elective course is getting the second year students to learn about sustainable development and in the result they will be able to discuss and solve environmental, economic and social problems. Within this issue the students can develop their speaking, interpersonal, social and professional skills. The extra-curricular activity was organized in the form of sport competition. The best participants in running and cycling were awarded with prizes.

Students were challenged to ride bicycles instead of using cars with the aim of reducing air pollution. The above mentioned youth sports and on-going physical activities held in the English language could provide many benefits for students. Sports require memorization, repetition and learning skills that are relevant to class work. Also, the determination and goal-setting skills a sport requires can be transferred not only to the classroom but their lives too. The motto of this event was “Healthy student – healthy country, healthy country is sustainable development of our society”.



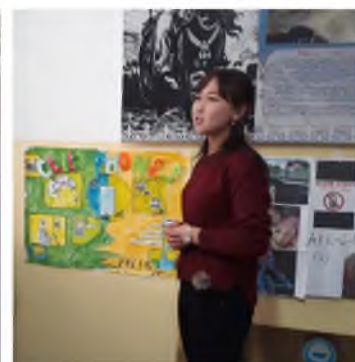
### Eco-friendly flowers

Students made the faculty green and fresh by bringing eco-friendly potted plants. Flowers can have a huge impact on the environment due to fertilizers and fuel emissions. Students those days got more eco-conscious than before. This means there is more need for environment-friendly flowers in our community.



### A day without a cell phone

All the students are cell phone users in our Faculty. But one day they participated in an experiment where they didn't use cell phones for one whole day. The teachers and students avoided using cell phones with pleasure as it was a chance to decrease the emission of radiation. Students investigated the pros and cons of using mobile phones and made presentations about those issues with the help of their posters.





### Donating time and talent to make a difference

Student volunteering has been an integral part of the elective course. A large majority of our students are motivated by a desire to help people and improve our community. They take part in different activities and projects like donating or raising money for charity; cleaning up the local parks and yards, planting trees and flowers; organizing games and activities for orphans; giving free English lessons to socially disadvantaged children; donating presents for nursing home residents; performing a concert or play at a senior center; participating in the

by a greater understanding of their individual role in relation to the work that the cleaning up of the river Ak-Buura, etc.

With the help of social sustainability awareness, students are taught with a greater understanding of their individual role in relation to the work that the charity do. It's also about recognizing that volunteering is a continued professional and personal development. Helping students to acquire skills and experience will make them better at their work and future life.

### Green Fair Day

Every year our students exhibit handmade items and sell them to make money for charity. This time they were very creative in putting the principles of sustainability and choosing reused materials for a sustainable future.

Students were given an opportunity to develop important problem solving skills in design and construction and were encouraged to learn co-operatively through sharing their skills and discoveries with each other.

Moreover, our students participated at the competition called "Healthy Recipes, Healthy Eating". They prepared plenty of healthy foods to help promote healthy eating and cooking. Foods were also sold and the profits were donated to charity purpose.



### Stopping pollution is the best solution

Education in addressing environmental challenges and specifically integrating environmental education in the formal learning system is of great importance. Our students try to solve the problem of littering by conducting cleaning campaign at the university level.

